

ТРАКИЙСКИ УНИВЕРСИТЕТ
ЦЕНТРАЛНА БИБЛИОТЕКА

Стара Загора 6014
Студентски град

Тел.: 042 699 238 /699 240
e-mail: dakovska@uni-sz.bg
libtu@uni-sz.bg

146/14.12.2022 год.

СПИСЪК
на цитирания в SCOPUS и Web of Sciences на научни публикации
на доц. Развигор Дърленски, дн

Цитирана публикация	Цитираща публикация
Darlenski R., Mihaylova V., Handjieva-Darlenska T. The Link Between Obesity and the Skin. (2022) <i>Frontiers in Nutrition</i> , 9 , art. no. 855573	Radu, A.-M., Carsote, M., Dumitrascu, M.C., Sandru, F. Acanthosis Nigricans: Pointer of Endocrine Entities (2022) <i>Diagnostics</i> , 12 (10), art. no. 2519 Chen, Y.-Y., Yang, Q.-P., Peng, S.-P., Li, Z.-Z., Yang, H.-Y., Fan, X.-G., Xu, M.-M. Risk factors and psychological condition of pruritus in type 2 diabetes mellitus: a retrospective, propensity score-matched study (2022) <i>European Review for Medical and Pharmacological Sciences</i> , 26 (15), pp. 5353-5361
Darlenski R., Kozyrskyj A.L., Fluhr J.W., Caraballo L. Association between barrier impairment and skin microbiota in atopic dermatitis from a global perspective: Unmet needs and open questions (2021) <i>Journal of Allergy and Clinical Immunology</i> , 148 (6) , pp. 1387-1393.	Jensen, S.A., Fiocchi, A., Baars, T., Jordakieva, G., Nowak-Wegrzyn, A., Pali-Schöll, I., Passanisi, S., Pranger, C.L., Roth-Walter, F., Takkinen, K., Assa'ad, A.H., Venter, C., Jensen-Jarolim, E. Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guidelines update - III - Cow's milk allergens and mechanisms triggering immune activation (2022) <i>World Allergy Organization Journal</i> , 15 (9), art. no. 100668 Schuler, C.F., Billi, A.C., Maverakis, E., Tsoi, L.C., Gudjonsson, J.E. Novel insights into atopic dermatitis (2022) <i>Journal of Allergy and Clinical Immunology</i> , Biedermann, L., Straumann, A. Mechanisms and clinical management of eosinophilic oesophagitis: an overview (2022) <i>Nature Reviews Gastroenterology and Hepatology</i> , Yoshida, T., Beck, L.A., De Benedetto, A. Skin barrier defects in atopic dermatitis: From old idea to new opportunity (2022) <i>Allergology International</i> , 71 (1), pp. 3-13

Darlenski R., Kazandjieva J., Tsankov N. Contact pemphigus: does it exist? (2021) European Journal of Dermatology, 31 (6), pp. 702-704.	Țiplica, G., Neguleț, I., Dinu, I., Marinovic, B., Caux, F., Patsatsi, A., Vassileva, S., Drenovska, K., Baican, A., Butacu, A., Endres, L., Manolache, N., Sălăvăstru, C. Recommended Strategies for Pemphigus Vulgaris Diagnosis and Management in Romania (2022) Farmacia, 70 (5), pp. 767-774.
Damevska K., Simeonovski V., Darlenski R., Damevska S. How to prevent skin damage from air pollution part 2: Current treatment options (2021) Dermatologic Therapy, 34 (6), art. no. e15132	<p>Yong, S.B., Gau, S.-Y., Guo, Y.-C., Wei, J.C.-C. Allergy from perspective of environmental pollution effects: from an aspect of atopic dermatitis, immune system, and atmospheric hazards—a narrative review of current evidences (2022) Environmental Science and Pollution Research, 29 (38), pp. 57091-57101</p> <p>Martic, I., Jansen-Dürr, P., Cavinato, M. Effects of Air Pollution on Cellular Senescence and Skin Aging (2022) Cells, 11 (14), art. no. 2220</p> <p>Molina-García, M., Granger, C., Trullàs, C., Puig, S. Exposome and Skin: Part 1. Bibliometric Analysis and Review of the Impact of Exposome Approaches on Dermatology (2022) Dermatology and Therapy, 12 (2), pp. 345-359.</p>
Chong-Fah-Shen, K., Bumbacea, R., Bassani, C., Beltran, C., Pham, D., Lefevre, S., Brandatan, E., Vasconcelos, M., Baldaçara, R., Monsell, S., Djuric-Filipovic, I., Darlenski, R., Pouessel, G., Gonzalez-Estrada, A., Caminati, M., Tanno, L. Physician's experience on managing asthma in adolescents: Results of the International AMADO (Asthma Management in ADOlescents) survey. (2021) Asia Pacific Allergy, 11 (4), art. no. e45	Chang, Y.-S. Asia pacific allergy as the emerging sources citation index journal (2021) Asia Pacific Allergy, 11 (4), art. no. e46
Vassileva S., Darlenski R. Bay leaf phytodermatitis (2021) Contact Dermatitis, 84 (5), pp. 344-345.	Singletary, K. Bay leaf: Potential health benefits (2021) Nutrition Today, 56 (4), pp. 202-208
Darlenski R., Deliyska R., Al-Sadek L.T., Hristakieva E., Fluhr J.W. Epidermal carotenoid levels in vivo of patients with plaque psoriasis: Effects of narrow-band UVB phototherapy (2021) Photodermatology Photoimmunology and Photomedicine, 37 (2), pp. 111-114.	Dobrică, E.-C., Cozma, M.-A., Găman, M.-A., Voiculescu, V.-M., Găman, A.M. The Involvement of Oxidative Stress in Psoriasis: A Systematic Review (2022) Antioxidants, 11 (2), art. no. 282
Darlenski R., Bogdanov I., Kacheva M., Zheleva D., Demerdjieva Z., Hristakieva E., Fluhr J.W., Tsankov N. Disease severity, patient-reported outcomes and skin hydration improve during balneotherapy with hydrocarbonate- and sulphur-rich water of psoriasis (2021) Journal of the European Academy of	Matsui, M.S., Carle, T., Costa, M. The interaction of metals and the skin: The good, bad, and the ugly (2021) Handbook on the Toxicology of Metals: Fifth Edition, 1, pp. 407-420

Dermatology and Venereology, 35 (3) , pp. e196-e198.	
Darlenski R., Kazandjieva J., Tsankov N. Prevention and occupational hazards for the skin during COVID-19 pandemic (2021) Clinics in Dermatology, 39 (1) , pp. 92-97	<p>Uniyal, D., Sharma, G., Tripathi, V., Dubey, B.P., Pant, B. The Cryptic Hassles Of Masks In India: A Real Time Data Analysis (2022) AIP Conference Proceedings, 2481, art. no. 050014</p> <p>Lin, L., Zhong, Y., Lin, H., Wang, C., Yang, Z., Wu, Q., Zhang, D., Zhu, W., Zhong, Y., Pan, Y., Yu, J., Zheng, H. Spider Silk-Improved Quartz-Enhanced Conductance Spectroscopy for Medical Mask Humidity Sensing (2022) Molecules, 27 (13), art. no. 4320,</p> <p>Gürlek Kısacık, Ö., Özyürek, P. Skin-related problems associated with the use of personal protective equipment among health care workers during the COVID-19 pandemic: A online survey study (2022) Journal of Tissue Viability, 31 (1), pp. 112-118</p> <p>Sabetkish, N., Rahmani, A. The overall impact of COVID-19 on healthcare during the pandemic: A multidisciplinary point of view (2021) Health Science Reports, 4 (4), art. no. e386,</p> <p>Aslan Kayıran, M., Kara Polat, A., Alyamaç, G., Demirseren, D.D., Taş, B., Kalkan, G., Özükök Akbulut, T., Kaya Özden, H., Koska, M.C., Emre, S., Kaya Erdoğan, H., Tükenmez Demirci, G., Güngör, Ş., Özcan Arslan, N., Ağaoğlu, E., Kurmuş, G.I., Aksoy, H., Tatlıparmak, A., Süslü, H., Oğuz Topal, İ., Topaloğlu Demir, F., Acer, E., Duman, H., Gürel, M.S., Karadağ, A.S. Has the COVID-19 pandemic changed attitudes and behaviors concerning cosmetic care and procedures among patients presenting to the dermatology outpatient clinic? A multicenter study with 1437 participants (2021) Journal of Cosmetic Dermatology, 20 (10), pp. 3121-3127</p> <p>Mohseni Afshar, Z., Babazadeh, A., Hasanpour, A., Barary, M., Sayad, B., Janbakhsh, A., Aryanian, Z., Ebrahimpour, S. Dermatological manifestations associated with COVID-19: A comprehensive review of the current knowledge (2021) Journal of Medical Virology, 93 (10), pp. 5756-5767</p> <p>Liu, C., Huang, S., Hou, J., Zhang, W., Wang, J., Yang, H., Zhang, J. Natural rubber latex reinforced by graphene oxide/zwitterionic chitin</p>

	<p>nanocrystal hybrids for high-performance elastomers without sulfur vulcanization (2021) ACS Sustainable Chemistry and Engineering, 9 (18), pp. 6470-6478</p> <p>Unoki, T., Sakuramoto, H., Sato, R., Ouchi, A., Kuribara, T., Furumaya, T., Tatsuno, J., Wakabayashi, Y., Tado, A., Hashimoto, N., Inagaki, N., Sasaki, Y. Adverse Effects of Personal Protective Equipment Among Intensive Care Unit Healthcare Professionals During the COVID-19 Pandemic: A Scoping Review (2021) SAGE Open Nursing, 7</p> <p>Vassileva, S., Drenovska, K., Lambert, W.C., Schwartz, R.A. The new pandemic COVID-19: I (2021) Clinics in Dermatology, 39 (1), pp. 1-4.</p>
Initial validation of the epidermolysis bullosa-specific module of the Infants and Toddlers Dermatology Quality of Life questionnaire Chernyshov P.V., Marron S.E., Tomas-Aragones L., Pustisek N., Gedeon I., Suru A., Tiplica G.S., Salavastru, C., Nikolić, M., Kakourou, T., Valari, M., Yordanova, I., Sampogna F. (2020) Dermatologic Therapy, 33 (6), art. no. e14128	<p>Padniewski, J.J., Shaver, R.L., Schultz, B., Pearson, D.R. Patient Quality of Life Improvement in Bullous Disease: A Review of Primary Literature and Considerations for the Clinician (2022) Clinical, Cosmetic and Investigational Dermatology, 15, pp. 27-42</p> <p>Chernyshov, P.V., Finlay, A.Y., Tomas-Aragones, L., Poot, F., Sampogna, F., Marron, S.E., Zemskov, S.V., Abeni, D., Tzellos, T., Szepietowski, J.C., Zouboulis, C.C. Quality of life in hidradenitis suppurativa: An update (2021) International Journal of Environmental Research and Public Health, 18 (11), art. no. 6131,</p>
Darlenski R., Tsankov N. Reply: Introducing special cutaneous “sign” tribute to health care workers managing new coronavirus disease 2019 (COVID-19) (2020) Clinics in Dermatology, 38 (6), pp. 782-783.	<p>Bhargava, S., Negbenebor, N., Sadoughifar, R., Ahmad, S., Kroumpouzos, G. Global impact on dermatology practice due to the COVID-19 pandemic (2021) Clinics in Dermatology, 39 (3), pp. 479-487</p> <p>Kannangara, A.P. Reply: Introducing special cutaneous “sign” tribute to health care workers managing new coronavirus disease (COVID-19)—new additions (2021) Clinics in Dermatology, 39 (2), pp. 310-311</p>
Darlenski R., Tsankov N. COVID-19 pandemic and the skin: what should dermatologists know? (2020) Clinics in Dermatology, 38 (6), pp. 785-787.	<p>Jiang, S.-T., Liu, Y.-G., Zhang, L., Sang, X.-T., Xu, Y.-Y., Lu, X. Systems biology approach reveals a common molecular basis for COVID-19 and non-alcoholic fatty liver disease (NAFLD) (2022) European Journal of Medical Research, 27 (1), art. no. 251,</p> <p>Tan, S.H., Chua, D.A.C., Tang, J.R.J., Bonnard, C., Leavesley, D., Liang, K. Design of hydrogel-based scaffolds for in vitro three-dimensional</p>

human skin model reconstruction (2022) *Acta Biomaterialia*, 153, pp. 13-37

Jawahar, M., Prassanna, J., Ravi, V., Anbarasi, L.J., Jasmine, S.G., Manikandan, R., Sekaran, R., Kannan, S. Computer-aided diagnosis of COVID-19 from chest X-ray images using histogram-oriented gradient features and Random Forest classifier (2022) *Multimedia Tools and Applications*, 81 (28), pp. 40451-40468

Bharatha, A., Krishnamurthy, K., Cohall, D., Rahman, S., Forde, C.A., Corbin-Harte, R., Ojeh, N., Kabir, R., Parsa, A.D., Rabbi, A.M.F., Majumder, M.A.A. Personal protective equipment (PPE) related adverse skin reactions among healthcare workers at the main COVID-19 isolation center in Barbados (2022) *Frontiers in Public Health*, 10, art. no. 978590

Bhutada, S., Kakulapati, V., Vamsi, R.K., Sharanya, A., Chowdhary, M.M. Post-COVID impact on skin allergies (2022) *Data Science Applications of Post-COVID-19 Psychological Disorders*, pp. 261-288.

Guleria, A., Krishan, K., Sharma, V., Kanchan, T. Impact of prolonged wearing of face masks – medical and forensic implications (2022) *Journal of Infection in Developing Countries*, 16 (10), pp. 1578-1587.

Kumar Shubhanshu, Singh, A. Prolonged Use of n95 Mask a Boon or Bane to Healthcare Workers During Covid-19 Pandemic (2022) *Indian Journal of Otolaryngology and Head and Neck Surgery*, 74, pp. 2853-2856

Mahmud, R., Joy, K.M.N.I., Rassel, M.A., Monayem, F.B., Datta, P.K., Hossain, M.S., Hoque, M.M., Habib, S.M.H.R., Munna, N.H., Ahmed, M., Sayeed, S.K.J.B., Rahman, M., Chowdhury, A.H., Hossain, M.Z., Ahmed, K.G.U., Miah, Md.T., Rahman, Md.M. Health hazards related to using masks and/or personal protective equipment among physicians working in public hospitals in Dhaka: A cross-sectional study (2022) *PLoS ONE*, 17 (9 September), art. no. e0274169,

Leblanc, K., Woo, K., Wiesenfeld, L., Bresnai-Harris, J., Heerschap, C., Butt, B., Chaplain, V.,

Wiesenfeld, S. Impact of prolonged PPE use on Canadian health professionals (2022) British Journal of Nursing, 31 (15), pp. S30-S36

Yip, K.-H., Yip, Y.-C. Use of thin silicone dressings for prolonged use of filtering facepiece respirators: Lessons from the universal community testing programme during the COVID-19 (2022) International Wound Journal, 19 (5), pp. 1188-1196

Cloet, A., Griffin, L., Yu, M., Durfee, W. Design considerations for protective mask development: A remote mask usability evaluation (2022) Applied Ergonomics, 102, art. no. 103751

Lee, J., Kwon, K.H. Mobile shopping beauty live commerce changes in COVID-19 pandemic focused on fun contents of MZ generation in Republic of Korea (2022) Journal of Cosmetic Dermatology, 21 (6), pp. 2298-2306.

Ashwlayan, V.D., Antlash, C., Imran, M., Asdaq, S.M.B., Alshammari, M.K., Alomani, M., Alzahrani, E., Sharma, D., Tomar, R., Arora, M.K. Insight into the biological impact of COVID-19 and its vaccines on human health (2022) Saudi Journal of Biological Sciences, 29 (5), pp. 3326-3337.

Akça, H.M. A clinical review: Covid-19 and dermatology (2022) Journal of Experimental and Clinical Medicine (Turkey), 39 (2), pp. 530-535.

Montgomery, A.P., Patrician, P.A., Hall, A., Miltner, R.S., Enogela, E.M., Polancich, S. Modeling Patient Risk for Hospital-Acquired Pressure Injuries during COVID-19: A Retrospective Study (2022) Journal of Nursing Care Quality, 37 (2), pp. 162-167

Skiveren, J.G., Ryborg, M.F., Nilausen, B., Bermark, S., Philipsen, P.A. Adverse skin reactions among health care workers using face personal protective equipment during the coronavirus disease 2019 pandemic: A cross-sectional survey of six hospitals in Denmark (2022) Contact Dermatitis, 86 (4), pp. 266-275

Gefen, A., Alves, P., Ciprandi, G., Coyer, F., Milne, C.T., Ousey, K., Ohura, N., Waters, N., Worsley, P., Black, J., Barakat-Johnson, M.,

Beeckman, D., Fletcher, J., Kirkland-Kyhn, H., Lahmann, N.A., Moore, Z., Payan, Y., Schlüer, A.-B. Device-related pressure ulcers: SECURE prevention. Second edition (2022) Journal of Wound Care, 31, pp. S1-S72

Peres, F.L.X., Bonamigo, R.R., Bottega, G.B., Staub, F.L., Cartell, A.S., Bakos, R.M. Pityrosporum folliculitis in critically ill COVID-19 patients (2022) Journal of the European Academy of Dermatology and Venereology, 36 (3), pp. e186-e188

Subhalakshmi, R.T., Balamurugan, S.A.A., Sasikala, S. Deep learning based fusion model for COVID-19 diagnosis and classification using computed tomography images (2022) Concurrent Engineering Research and Applications, 30 (1), pp. 116-127

Alizadeh, N., Darjani, A., Rafiei, R., Gharaeinejad, K., Eftekhari, H., Bahrami, E., Rafiei, E. Dermatologic problems associated with personal protective equipment in health-care workers managing COVID-19 patients (2022) Journal of Research in Medical Sciences, 27 (1), p. 80.

Dani, A., Eseonu, A., Bibee, K. Risk factors for the development of acne in healthcare workers during the COVID-19 pandemic (2022) Archives of Dermatological Research,

Paudel, K.R., Patel, V., Vishwas, S., Gupta, S., Sharma, S., Chan, Y., Jha, N.K., Shrestha, J., Imran, M., Panth, N., Shukla, S.D., Jha, S.K., Devkota, H.P., Warkiani, M.E., Singh, S.K., Ali, M.K., Gupta, G., Chellappan, D.K., Hansbro, P.M., Dua, K. Nutraceuticals and COVID-19: A mechanistic approach toward attenuating the disease complications (2022) Journal of Food Biochemistry,

Lachenmeier, D.W. Antiseptic drugs and disinfectants with experience of the second year of COVID-19 pandemic-related side effects (2022) Side Effects of Drugs Annual, 44, pp. 365-378

Miyata, A., Kimura, U., Hiruma, M., Tanaka, M., Takamori, K., Suga, Y. An atypical case of cutaneous candidiasis caused by a face mask:

With useful dermoscopic findings (2022) Journal of Dermatology, .

Gupta, V., Nayyer, P.S., Gupta, V., Ranjan, R. Doctors with skin injuries due to personal protective equipment in a dedicated COVID-19 hospital: A descriptive study from tribal India (2022) JMS - Journal of Medical Society, 36 (1), pp. 11-17

Narayananamoorthy, S., Pragathi, S., Shutaywi, M., Ahmadian, A., Kang, D. Analysis of Vaccine efficacy during the COVID-19 pandemic period using CSF-ELECTRE-I approach (2022) Operations Research Perspectives, 9, art. no. 100251,

Da Silva, L.F.M., Almeida, A.G.A., Pascoal, L.M., Neto, M.S., Lima, F.E.T., Santos, F.S. Skin injuries due to Personal Protective Equipment and preventive measures in the COVID-19 context: An integrative review (2022) Revista Latino-Americana de Enfermagem, 30, art. no. e3550,

Helmert, C., Siegels, D., Haufe, E., Abraham, S., Heratizadeh, A., Kleinheinz, A., Harder, I., Schäkel, K., Effendy, I., Wollenberg, A., Sticherling, M., Stahl, M., Worm, M., Schwichtenberg, U., Schwarz, B., Rossbacher, J., Buck, P.M., Schenck, F., Werfel, T., Weidinger, S., Schmitt, J. Perception of the coronavirus pandemic by patients with atopic dermatitis – Results from the TREATgermany registry (2022) JDDG - Journal of the German Society of Dermatology, 20 (1), pp. 45-57

Lugović-Mihić, L., Bulat, V., Pondeljak, N. Trends in dermatological practice in work with patients with skin diseases during the COVID-19 pandemic: our experience and observations (2022) Acta Dermatovenerologica Alpina, Pannonica et Adriatica, 31 (2), pp. 71-73.

da Silva, L.F.M., Almeida, A.G.A., Pascoal, L.M., Neto, M.S., Lima, F.E.T., Santos, F.S. Skin injuries due to Personal Protective Equipment and preventive measures in the COVID-19 context: an integrative review* (2022) Revista Latino-Americana de Enfermagem, 30, art. no. e3522

Kuş, M.M., Öztürk, P., Nazik, H., Mülayim, M., Bulut, T., Akguç, E.R., Koçarslan, S. Pityriasis

rubra pilaris developing after COVID-19 (2022) Turkderm Turkish Archives of Dermatology and Venereology, 56 (1), pp. 42-45.

Jaisinghani, A., Gupta, V., Chauhan, A. Skin damage due to personal protective equipment among nursing staff in a dedicated coronavirus disease-2019 hospital of tribal India (2022) Journal of Integrative Nursing, 4 (1), pp. 8-14.

Helmert, C., Siegels, D., Haufe, E., Abraham, S., Heratizadeh, A., Kleinheinz, A., Harder, I., Schäkel, K., Effendy, I., Wollenberg, A., Sticherling, M., Stahl, M., Worm, M., Schwichtenberg, U., Schwarz, B., Rossbacher, J., Buck, P.M., Schenck, F., Werfel, T., Weidinger, S., Schmitt, J. Wahrnehmung der Corona-Pandemie durch Neurodermitispatienten – Ergebnisse aus dem Neurodermitisregister TREATgermany (2022) JDDG - Journal of the German Society of Dermatology, 20 (1), pp. 45-58.

Maddheshiya, S., Ahmad, A., Ahmad, W., Zakir, F., Aggarwal, G. Essential oils for the treatment of skin anomalies: Scope and potential (2022) South African Journal of Botany

Louis, T.J., Qasem, A., Abdelli, L.S., Naser, S.A. Extra-Pulmonary Complications in SARS-CoV-2 Infection: A Comprehensive Multi Organ-System Review (2022) Microorganisms, 10 (1), art. no. 153,

Arrington, K.C., Glass, L.D., Scheinman, P.L. Do not lose sleep over mask allergic contact dermatitis (2022) JAAD Case Reports, 19, pp. 100-102

Sun, X., Chen, L., Shen, Z. Mask-induced Koebner phenomenon in an inverse psoriatic patient during COVID-19 pandemic (2022) Contact Dermatitis, 86 (1), pp. 50-52

Influence of Hand Sanitisers on the Friction Properties of the Finger Skin Amid the COVID-19 Pandemic (2022) Lecture Notes in Mechanical Engineering, pp. 420-428

Gadarowski, M.B., Balogh, E.A., Bashyam, A.M., Feldman, S.R. Examining recommendations for the use of biologics and other systemic therapies during COVID-19: a review and comparison of

available dermatology guidelines and patient registries (2022) *Journal of Dermatological Treatment*, 33 (3), pp. 1208-1212

Ferreira, I.G., Almeida, C.S., Bulcão, L.A., Weber, M.B. Medical education in crisis times: The experience of a dermatology interest group during the Covid-19 pandemic (2021) *Medicina (Brazil)*, 54 (3), .

Sabetkish, N., Rahmani, A. The overall impact of COVID-19 on healthcare during the pandemic: A multidisciplinary point of view (2021) *Health Science Reports*, 4 (4), art. no. e386

Widjaja, G., Zahari, M., Hastuti, P., Nugraha, A.R., Kusumawaty, I. Understanding COVID-19 vaccination program among Indonesian public: A challenge and hope for government (2021) *International Journal of Health Sciences*, 5 (3), pp. 212-223

Shahbaznejad, L., Navaeifar, M.R., Movahedi, F.S., Hosseinzadeh, F., Fahimzad, S.A., Serati Shirazi, Z., Rezai, M.S. Knowledge, attitude and practice of Sari birth cohort members during early weeks of COVID-19 outbreak in Iran (2021) *BMC Public Health*, 21 (1), art. no. 982

Rafiq, Z., Anwar, A., Diwan, R.A., Shafi, U. Cutaneous and mucosal changes among health care workers performing duties in COVID-19 isolation wards of tertiary care hospitals (2021) *Rawal Medical Journal*, 46 (4), pp. 816-819

Akl, J., El- Kehdy, J., Salloum, A., Benedetto, A., Karam, P. Skin disorders associated with the COVID-19 pandemic: A review (2021) *Journal of Cosmetic Dermatology*, 20 (10), pp. 3105-3115

Mohseni Afshar, Z., Babazadeh, A., Hasanpour, A., Barary, M., Sayad, B., Janbakhsh, A., Aryanian, Z., Ebrahimpour, S. Dermatological manifestations associated with COVID-19: A comprehensive review of the current knowledge (2021) *Journal of Medical Virology*, 93 (10), pp. 5756-5767

Rana, R., Tripathi, A., Kumar, N., Ganguly, N.K. A Comprehensive Overview on COVID-19: Future Perspectives (2021) *Frontiers in Cellular and Infection Microbiology*, 11, art. no. 744903,

Mahmud, S.M.H., Al-Mustanjid, M., Akter, F., Rahman, M.S., Ahmed, K., Rahman, M.H., Chen, W., Moni, M.A. Bioinformatics and system biology approach to identify the influences of SARS-CoV-2 infections to idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease patients (2021) *Briefings in Bioinformatics*, 22 (5), art. no. bbab115

Zara, A., Fleming, P., Lee, K., Lynde, C. The COVID-19 pandemic and its skin effects (2021) *Canadian Family Physician*, 67 (8), pp. 582-587.

Bahadir-Yilmaz, E., Yüksel, A. State anxiety levels of nurses providing care to patients with COVID-19 in Turkey (2021) *Perspectives in Psychiatric Care*, 57 (3), pp. 1088-1094

Pourani, M.R., Abdollahimajd, F. Assessment of the psychosocial effects of hand dermatitis among healthcare workers during the covid-19 pandemic (2021) *Iranian Journal of Dermatology*, 24 (2), pp. 127-131.

Lee, J.-Y., Lee, J.-Y., Lee, S.H., Kim, J., Park, H.Y., Kim, Y., Kwon, K.T. The Experiences of Health Care Workers during the COVID-19 Pandemic in Korea: A Qualitative Study (2021) *Journal of Korean Medical Science*, 36 (23), art. no. e170, pp. 1-15.

Gonçalves Ferreira, I., Blessmann Weber, M. El día después: el impacto de la pandemia COVID-19 en la residencia de Dermatología (2021) *Actas Dermo-Sifiliograficas*, 112 (6), pp. 568-569

Ferreira, I.G., Weber, M.B. The day after: the impact of COVID-19 pandemic on dermatology residency (2021) *Actas Dermo-Sifiliograficas*, 112 (6), pp. 568-569.

Yazdanpanah, F., Garg, A., Shadman, S., Asmarz, H.Y. Literature Review of COVID-19, Pulmonary and Extrapulmonary Disease (2021) *American Journal of the Medical Sciences*, 361 (5), pp. 567-574

Bhargava, S., Negbenebor, N., Sadoughifar, R., Ahmad, S., Kroumpouzos, G. Global impact on dermatology practice due to the COVID-19 pandemic (2021) *Clinics in Dermatology*, 39 (3),

pp. 479-487

Shanshal, M., Ahmed, H.S., Asfoor, H., Salih, R.I., Ali, S.A., Aldabouni, Y.K. Impact of COVID-19 on medical practice: A nationwide survey of dermatologists and health care providers in Iraq (2021) *Clinics in Dermatology*, 39 (3), pp. 500-509

Kisielinski, K., Giboni, P., Prescher, A., Klosterhalfen, B., Graessel, D., Funken, S., Kempski, O., Hirsch, O. Is a mask that covers the mouth and nose free from undesirable side effects in everyday use and free of potential hazards? (2021) *International Journal of Environmental Research and Public Health*, 18 (8), art. no. 4344

Alario, D., Bracaglia, G., Franceschini, G., Arcangeli, F., Mecarini, F. Orange discoloration of the skin in mother and newborn with SARS-CoV-2 infection: is hypercarotenosis a sign of COVID-19? (2021) *Journal of Pediatric and Neonatal Individualized Medicine*, 10 (1), pp. 1-5

Moore, Z., McEvoy, N.L., Avsar, P., McEvoy, L., Curley, G., O'Connor, T., Budri, A., Nugent, L., Walsh, S., Bourke, F., Patton, D. Facial pressure injuries and the COVID-19 pandemic: Skin protection care to enhance staff safety in an acute hospital setting (2021) *Journal of Wound Care*, 30 (3), art. no. 62, pp. 162-170

Kar, D., Das, A., Sil, A. An upsurge of hand dermatitis cases amidst COVID-19 pandemic (2021) *Indian Journal of Dermatology*, 66 (2), pp. 218-220

Birihane, B.M., Bayih, W.A., Tesfahun, Y., Munye, T., Alemu, A.Y., Belay, D.M. Health care provider's risk perception, and preparedness towards COVID-19 pandemic in North Central Ethiopia, 2020 (2021) *Heliyon*, 7 (3), art. no. e06610

Merhand, S., Misery, L., Delvigne, V., Le Floch, C., Taïeb, C. Wearing a mask and skin disease: patients with atopic dermatitis speak it out (2021) *Journal of the European Academy of Dermatology and Venereology*, 35 (3), pp. e185-e187

Mushtaq, S., Terzi, E., Recalcati, S., Salas-Alanis,

J.C., Amin, S., Faizi, N. Cutaneous adverse effects due to personal protective measures during COVID-19 pandemic: a study of 101 patients (2021) International Journal of Dermatology, 60 (3), pp. 327-331.

Lee, H.C., Goh, C.L. 'Occupational dermatoses from Personal Protective Equipment during the COVID-19 pandemic in the tropics – A Review' (2021) Journal of the European Academy of Dermatology and Venereology, 35 (3), pp. 589-596

Kannangara, A.P. Reply: Introducing special cutaneous "sign" tribute to health care workers managing new coronavirus disease (COVID-19)—new additions (2021) Clinics in Dermatology, 39 (2), pp. 310-311.

Dagher, S.H., Lamé, G., Hubiche, T., Ezzedine, K., Duong, T.A. The influence of media coverage and governmental policies on google queries related to COVID-19 cutaneous symptoms: Infodemiology study (2021) JMIR Public Health and Surveillance, 7 (2), art. no. e25651,

Nalavade, J.E. Digital Screening Tool to detect Covid-19 infected People (2021) 2021 International Conference on Computer Communication and Informatics, ICCCI 2021, 2021-January, art. no. 9457003

Al-Rahawe, B.A., Hamad, A.A., Al-Zuhairy, M.H., Khalaf, H.H., Abebaw, S. The Commitment of Nineveh Governorate Residents to the Precautionary Measures against Global 2019 Pandemic and Dermatological Affection of Precautions (2021) Applied Bionics and Biomechanics, 2021, art. no. 1526931

Wilcha, R.-J. Does Wearing a Face Mask during the COVID-19 Pandemic Increase the Incidence of Dermatological Conditions in Health Care Workers? Narrative Literature Review (2021) JMIR Dermatology, 4 (1), art. no. e22789

Lugovic-Mihic, L., Meštrović-Štefekov, J., Podeljak, N., Dasovic, M., Tomljenovic-Veselski, M., Cvitanovic, H. Psychological stress and atopic dermatitis severity following the covid-19 pandemic and an earthquake (2021) Psychiatria Danubina, 33 (3), pp. 393-401.

Lachenmeier, D.W. Antiseptic drugs and disinfectants with special scrutiny of COVID-19 pandemic related side effects (2021) Side Effects of Drugs Annual, 43, pp. 275-284

Muzaffar, F. Cutaneous manifestations of COVID-19 in Children (2021) Journal of Pakistan Association of Dermatologists, 31 (1), pp. 93-102

Etgu, F., Onder, S. Skin problems related to personal protective equipment among healthcare workers during the COVID-19 pandemic (online research) (2021) Cutaneous and Ocular Toxicology, 40 (3), pp. 207-213

Padula, W.V., Cuddigan, J., Ruotsi, L., Black, J.M., Brienza, D., Capasso, V., Cox, J., Delmore, B., Holden-Mount, S., Munoz, N., Nie, A.M., Pittman, J., Sonenblum, S.E., Tescher, A. Best-practices for preventing skin injury beneath personal protective equipment during the COVID-19 pandemic: A position paper from the National Pressure Injury Advisory Panel (2021) Journal of Clinical Nursing

Aguilar-Gamboa, F.R., Cubas-Alarcon, D., Villegas-Chiroque, M., Failoc-Rojas, V.E. Pityriasis rubra pilaris post-infection due covid-19: Case report [Article@Pityriasis rubra pilaris post-infección por covid-19: Reporte de un caso] (2021) Colombia Medica, 52 (1), art. no. e7014577

Gross, J.V., Fritschi, L., Mohren, J., Wild, U., Erren, T.C. Contribution of occupational health to multidisciplinary team work for covid-19 prevention and management (2021) Medicina del Lavoro, 112 (2), pp. 171-176.

Mohamadi, M., Fattahi, N., Goodarzi, A., Alizadeh-Khoei, M., Miri, S., Hekmat, H., Bodaghhabadi, M., Nikkhah, F. A comprehensive review on covid-19 infection and comorbidities of various organs (2021) Acta Medica Iranica, 59 (1), pp. 4-14.

Daneshpazhooh, M., Mahmoudi, H. COVID-19: The experience from Iran (2021) Clinics in Dermatology, 39 (1), pp. 23-32

Christopher, P.M., Roren, R.S., Tania, C., Jayadi,

N.N., Cucunawangsih, C. Adverse Skin Reactions to Personal Protective Equipment among Health-Care Workers during COVID-19 Pandemic: A Multicenter Cross-sectional Study in Indonesia (2020) International Journal of Dermatology and Venereology, 3 (4), pp. 211-218

Dey, P., Vaijayanthimala, S., Dalvi, V.S., Jain, A., Gola, D., Bajpai, M., Bharti, R.K., Chauhan, N. COViD-19: Understanding the pandemic emergence, impact and infection prevalence worldwide (2020) Journal of Pure and Applied Microbiology, 14 (4), pp. 2235-2251

Spence, N.Z., Lu, M.E., Larson, A.R., Ortega, R. COVID-19 and occupational skin hazards for anaesthetists (2020) British Journal of Anaesthesia, 125 (6), pp. e476-e478.

Pourani, M.R., Nasiri, S., Abdollahimajd, F. Prevalence of hand contact urticaria and related risk factors among healthcare workers during the COVID-19 pandemic: A self-reported assessment (2020) Dermatologic Therapy, 33 (6), art. no. e14367

Varghese, P.M., Tsolaki, A.G., Yasmin, H., Shastri, A., Ferluga, J., Vatish, M., Madan, T., Kishore, U. Host-pathogen interaction in COVID-19: Pathogenesis, potential therapeutics and vaccination strategies (2020) Immunobiology, 225 (6), art. no. 152008

Daye, M., Cihan, F.G., Durduran, Y. Evaluation of skin problems and dermatology life quality index in health care workers who use personal protection measures during COVID-19 pandemic (2020) Dermatologic Therapy, 33 (6), art. no. e14346

Calvão, J., Relvas, M., Pinho, A., Brinca, A., Cardoso, J.C. Acro-ischaemia and COVID-19 infection: clinical and histopathological features (2020) Journal of the European Academy of Dermatology and Venereology, 34 (11), pp. e653-e754.

Altun, E. The most common pediatric and adult dermatology patient complaints in a month of the COVID-19 pandemic in Turkey (2020) Dermatologic Therapy, 33 (6), art. no. e13972

Dahy, A., El-Qushayri, A.E., Mahmoud, A.R., Al-kelany, T.A., Salman, S. Telemedicine approach for psoriasis management, time for application? A systematic review of published studies (2020) Dermatologic Therapy, 33 (6), art. no. e13908

Kannangara, A.P. Introducing special cutaneous “sign” tribute to health care workers managing “SARS-CoV-2” (COVID-19) (2020) Clinics in Dermatology, 38 (6), p. 784

Kini, G., Karkal, R., Bhargava, M. All's not well with the “worried well”: Understanding health anxiety due to COVID-19 (2020) Journal of Preventive Medicine and Hygiene, 61 (3), pp. E321-E323.

Pawelczyk, A., Zaprutko, L. Anti-COVID drugs: Repurposing existing drugs or search for new complex entities, strategies and perspectives (2020) Future Medicinal Chemistry, 12 (19), pp. 1743-1757

Atay, S., Cura, S.Ü. Problems encountered by nurses due to the use of personal protective equipment during the coronavirus pandemic: Results of a survey (2020) Wound Management and Prevention, 66 (10), pp. 12-16

Akbari, H., Tabrizi, R., Lankarani, K.B., Aria, H., Vakili, S., Asadian, F., Noroozi, S., Keshavarz, P., Faramarz, S. The role of cytokine profile and lymphocyte subsets in the severity of coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis (2020) Life Sciences, 258, art. no. 118167

Kordzadeh-Kermani, E., Khalili, H., Karimzadeh, I. Pathogenesis, clinical manifestations and complications of coronavirus disease 2019 (COVID-19) (2020) Future Microbiology, 15 (13), pp. 1287-1305

Stamu-O'Brien, C., Carniciu, S., Halvorsen, E., Jafferany, M. Psychological aspects of COVID-19 (2020) Journal of Cosmetic Dermatology, 19 (9), pp. 2169-2173

Wollina, U. Challenges of COVID-19 pandemic for dermatology (2020) Dermatologic Therapy, 33 (5), art. no. e13430

Tuncer, T., Dogan, S., Ozyurt, F. An automated Residual Exemplar Local Binary Pattern and iterative ReliefF based corona detection method using lung X-ray image (2020) Chemometrics and Intelligent Laboratory Systems, 203, art. no. 104054

Barker-Davies, R.M., O'Sullivan, O., Senaratne, K.P.P., Baker, P., Cranley, M., Dharm-Datta, S., Ellis, H., Goodall, D., Gough, M., Lewis, S., Norman, J., Papadopoulou, T., Roscoe, D., Sherwood, D., Turner, P., Walker, T., Mistlin, A., Phillip, R., Nicol, A.M., Bennett, A.N., Bahadur, S. The Stanford Hall consensus statement for post-COVID-19 rehabilitation (2020) British Journal of Sports Medicine, 54 (16), pp. 949-959.

Singh, M., Pawar, M., Bothra, A., Maheshwari, A., Dubey, V., Tiwari, A., Kelati, A. Personal protective equipment induced facial dermatoses in healthcare workers managing Coronavirus disease 2019 (2020) Journal of the European Academy of Dermatology and Venereology, 34 (8), pp. e378-e380

Campanati, A., Brisigotti, V., Diotallevi, F., D'Agostino, G.M., Paolinelli, M., Radi, G., Rizzetto, G., Sapigni, C., Tagliati, C., Offidani, A. Active implications for dermatologists in 'SARS-CoV-2 ERA': Personal experience and review of literature (2020) Journal of the European Academy of Dermatology and Venereology, 34 (8), pp. 1626-1632.

Campbell, V., Middleton, D., Donnelly, J., Hunter, H. Localized mid-face miliaria as a consequence of filtering face piece respirator use during the COVID-19 pandemic (2020) Journal of the European Academy of Dermatology and Venereology, 34 (8), pp. e375-e376

Fahmy, D.H., El-Amawy, H.S., El-Samongy, M.A., Fouada, A.A., Soliman, S.H., El-Kady, A., Farnetani, F., Conti, A., Zoeir, A., Eissa, A., Eissa, R., Puliatte, S., Sighinolfi, M.C., Rocco, B., Pellacani, G. COVID-19 and dermatology: a comprehensive guide for dermatologists (2020) Journal of the European Academy of Dermatology and Venereology, 34 (7), pp. 1388-1394.

Hoenig, L.J., Pereira, F.A. Eruption as a clinical

manifestation of COVID-19: photographs of a patient (2020) Clinics in Dermatology, 38 (4), pp. 502-505

Murrell, D.F., Arora, G., Rudnicka, L., Kassir, M., Lotti, T., Goldust, M. A dermatologist's perspective of the COVID-19 outbreak (2020) Dermatologic Therapy, 33 (4), art. no. e13538

Hoenig, L.J. The eye and COVID-19 pandemic (2020) Clinics in Dermatology, 38 (4), p. 506

Zeouk, I., Bekhti, K., Lorenzo-morales, J. From wuhan to COVID-19 pandemic: An up-to-date review of its pathogenesis, potential therapeutics, and recent advances (2020) Microorganisms, 8 (6), art. no. 850

Gefen, A., Ousey, K. Update to device-related pressure ulcers: SECURE prevention. COVID-19, face masks and skin damage (2020) Journal of Wound Care, 29 (5), pp. 245-259

Kosasih, L.P. Maskne:Mask-induced acne flare during coronavirus disease-19. what is it and how to manage it? (2020) Open Access Macedonian Journal of Medical Sciences, 8 (T1), pp. 411-415

Gül, Ü. COVID-19 and dermatology (2020) Turkish Journal of Medical Sciences, 50 (8), pp. 1751-1759

Paudel, V. Dermatological aspects of COVID-19 in Nepal (2020) Kathmandu University Medical Journal, 18 (2 COVID 19 -Special Issue), pp. 115-116.

Goyal, S., Prabhu, S.S., Prabhu, M.M. Dermatological concerns of healthcare workers (Hcws) amidst the covid-19 pandemic (2020) Iranian Journal of Dermatology, 23, pp. 54-59

Alsaïdan, M.S., Abuyassin, A.H., Alsaeed, Z.H., Alshmmari, S.H., Bindaa, T.F., Alhababi, A.A. The Prevalence and Determinants of Hand and Face Dermatitis during COVID-19 Pandemic: A Population-Based Survey (2020) Dermatology Research and Practice, 2020, art. no. 6627472,

Ivanoska-Dacikj, A., Stachewicz, U. Smart textiles and wearable technologies-opportunities

	<p>offered in the fight against pandemics in relation to current COVID-19 state (2020) Reviews on Advanced Materials Science, 59 (1), pp. 487-505</p> <p>Metin, N., Turan, Ç., Utlu, Z. Changes in dermatological complaints among healthcare professionals during the COVID-19 outbreak in Turkey (2020) Acta Dermatovenerologica Alpina, Pannonica et Adriatica, 29 (3), pp. 115-122</p> <p>Marraha, F., Al Faker, I., Gallouj, S. A Review of the Dermatological Manifestations of Coronavirus Disease 2019 (COVID-19) (2020) Dermatology Research and Practice, 2020, art. no. 9360476</p> <p>Sharma, A., Malviya, R. Effects of corona virus on the skin: Symptoms and risks (2020) Open Dermatology Journal, 14 (1), pp. 28-30</p> <p>Huldani, Uinarni, H., Sukmana, B.I., Tommy, T., Said, M.F., Edyson, Eso, A., Sitepu, R., Arifin, E., Mawu, F.O., Polim, A.A., Effendi, I., Ariestiyanto, Y.C., Martamba, H.C., Ahdiya, W., Ridhoni, M.H., Achmad, H. Corona Virus Infectious Disease 19 (COVID-19) in Various Reviews (2020) Systematic Reviews in Pharmacy, 11 (6), pp. 842-857.</p> <p>Elkhachine, Y., Sakkah, A., Hallab, I., Jakar, A., Elhaouri, M., Elbenaye, J. Polymorphous acral eruption and covid-19 (2020) Pan African Medical Journal, 35 (2), art. no. 49, pp. 1-2.</p>
Kazandjieva J., Tsankov N., Darlenski R. Aquagenic syringeal acrokeratoderma from extensive water immersion during the covid-19 pandemic outbreak. (2020) SKINmed, 18 (2) , pp. 123-124.	<p>Zhang, Q., Huang, Y.-Y., Li, J.-H. Excessive Wrinkling on the Dorsum of the Hands and Wrists (2022) JAMA Dermatology, 158 (5), pp. 577-578</p> <p>Ayhan, E., Yıldırım, C., Aksoy, M., Ebik, B., Öztürk, M., Akelma, H. Ten cases of aquagenic syringeal acrokeratoderma revealed during the COVID-19 outbreak (2021) International Journal of Clinical Practice, 75 (3), art. no. e13914,</p> <p>Karagün, E. Aquagenic acrokeratoderma due to frequent handwashing during the COVID-19 pandemic outbreak (2021) Dermatologic Therapy, 34 (2), art. no. e14796,</p>

	<p>Alay, H., Bilen, H. Aquagenic syringeal acrokeratoderma in an adolescent female with COVID-19 (2021) Revista da Sociedade Brasileira de Medicina Tropical, 54, art. no. e0152-2021</p>
Gergovska M., Darlenski R., Kazandjieva J. Nickel allergy of the skin and beyond (2020) Endocrine, Metabolic and Immune Disorders - Drug Targets, 20 (7), pp. 1003-1009.	<p>Syurin, S., Vinnikov, D. Occupational disease predictors in the nickel pyrometallurgical production: a prospective cohort observation (2022) Journal of Occupational Medicine and Toxicology, 17 (1), art. no. 21</p> <p>Wang, G., Shen, T., Huang, X., Luo, Z., Tan, Y., He, G., Wang, Z., Li, P., Liu, X., Yu, X., Zhang, B., Zhou, H., Luo, X., Yang, X. Autophagy involvement in T lymphocyte signalling induced by nickel with quantitative phosphoproteomic analysis (2022) Ecotoxicology and Environmental Safety, 242, art. no. 113878</p> <p>Ihunwo, O.C., Ibezim-Ezeani, M.U. Metal accumulation in muscle and oxidative stress response in the liver of juvenile Oreochromis niloticus from contaminated sediment under a simulation of increasing temperature (2022) Environmental Research Communications, 4 (7), art. no. 075008</p> <p>Taylor, R.M., Ali, A.-M.S., Zhu, Y., Bolt, A.M., Baca, J.T. Microneedle Array Technique for the Longitudinal Extraction of Interstitial Fluid without Hair Removal (2022) Methods and Protocols, 5 (3), art. no. 46</p> <p>Klein, C.B., Costa, M. Nickel (2021) Handbook on the Toxicology of Metals: Fifth Edition, 2, pp. 615-637</p> <p>Magrone, T. Nickel-induced damage: Pathogenesis and therapeutical approaches (2020) Endocrine, Metabolic and Immune Disorders - Drug Targets, 20 (7), p. 967.</p>
Bogdanov I., Darlenski R., Hristakieva E., Manuelyan K. The rash that presents as a vesiculobullous eruption. (2020) Clinics in Dermatology, 38 (1), pp. 19-34.	<p>Alavije, M.K., Niya, M.H.K., Sadeghzadeh-Bazargan, A., Nikkhah, M., Faraji, A., Motamed, N., Tameshkel, F.S., Zamani, F. Cutaneous hemorrhagic bullae in a patient with COVID-19: A case report (2021) Medical Journal of the Islamic Republic of Iran, 35 (1), pp. 1-4.</p> <p>Pradhan, S., Kroumpouzos, G., Goldust, M. Hand eczema due to frequent hand washing in combat with COVID-19 (2020) Journal of Cosmetic</p>

	Dermatology, 19 (10), pp. 2474-2475 Schwartz, R.A., Pradhan, S., Galadari, H., Lotti, T., Sharma, A., Goldust, M. Shifting dermatology market strategies from cosmetics to moisturizers and sanitizers treatments in COVID-19 era (2020) Dermatologic Therapy, 33 (4), art. no. e13806
Damevska K., Boev B., Mirakovski D., Petrov A., Darlenski R., Simeonovski V. How to prevent skin damage from air pollution. Part 1: Exposure assessment. (2020) Dermatologic Therapy, 33 (1) , art. no. e13171	Yong, S.B., Gau, S.-Y., Guo, Y.-C., Wei, J.C.-C. Allergy from perspective of environmental pollution effects: from an aspect of atopic dermatitis, immune system, and atmospheric hazards—a narrative review of current evidences (2022) Environmental Science and Pollution Research, 29 (38), pp. 57091-57101. Molina-García, M., Granger, C., Trullàs, C., Puig, S. Exposome and Skin: Part 1. Bibliometric Analysis and Review of the Impact of Exposome Approaches on Dermatology (2022) Dermatology and Therapy, 12 (2), pp. 345-359 Bocheva, G., Slominski, R.M., Slominski, A.T. The impact of vitamin d on skin aging (2021) International Journal of Molecular Sciences, 22 (16), art. no. 9097 Shahbazi, H., Abolmaali, A.M., Alizadeh, H., Salavati, H., Zokaei, H., Zandavi, R., Torbatian, S., Yazgi, D., Hosseini, V. Development of high-resolution emission inventory to study the relative contribution of a local power plant to criteria air pollutants and Greenhouse gases (2021) Urban Climate, 38, art. no. 100897 Aslam, A., Bahadar, A., Liaquat, R., Saleem, M., Waqas, A., Zwawi, M. Algae as an attractive source for cosmetics to counter environmental stress (2021) Science of the Total Environment, 772, art. no. 144905 Diao, P., He, H., Tang, J., Xiong, L., Li, L. Natural compounds protect the skin from airborne particulate matter by attenuating oxidative stress (2021) Biomedicine and Pharmacotherapy, 138, art. no. 111534 Shamsipour, M., Nasrollahi, S.A., Hassanvand, M.S., Yazdanparast, T., Samadi, A., Yunesian, M., Mahdavi, M., Kassir, M., Firooz, A. Short-term effects of exposure to air pollution on biophysical parameters of skin in a panel of healthy adults (2020) Dermatologic Therapy, 33 (6), art. no.

	e14536
Kamarachev J., Grozdev I., Darlenski R., Tsankov N. Pityriasis rubra pilaris as a systemic disease. (2019) Clinics in Dermatology, 37 (6), pp. 657-662.	Zhu, H., Yang, B. Update of the treatment of pityriasis rubra pilaris (2022) China Journal of Leprosy and Skin Diseases, 38 (12), pp. 918-923 Zhao, Z., Zhang, X., Wang, R., Wang, Y., Gong, L., Li, C. Vaccine-induced erythrodermic psoriasis in a child successfully treated with secukinumab: A case report and brief literature review (2022) Dermatologic Therapy, 35 (9), art. no. e15684 Plieva, L.R., Katunina, O.R. Devergie's disease onset in patients with pulmonary and intrathoracic lymph nodes sarcoidosis (2022) Klinicheskaya Dermatologiya i Venerologiya, 21 (2), pp. 173-178 Chin, L.D., Parvinnejad, N., Haber, R.M. Pityriasis in dermatology: an updated review (2021) International Journal of Dermatology, 60 (2), pp. 141-158 Gloor, A.D., van Rhyn, M., Schlapbach, C. Erythema gyratum repens-like eruption after anti-IL-17 therapy of pityriasis rubra pilaris (2021) Journal of the European Academy of Dermatology and Venereology, 35 (1), pp. e38-e40.
Darlenski R. Probable contact urticaria caused by tacrolimus-containing ointment in the treatment of atopic dermatitis. (2019) Journal of Allergy and Clinical Immunology: In Practice, 7 (5), pp. 1665-1667.	Dordal Culla, M.T., Herrera-Lasso Regás, V., Martí-Garrido, J., Rodríguez Cumplido, D., Vázquez-Revuelta, P., Lleonart Bellfill, R. Treating COVID-19: Review of drug hypersensitivity reactions (2020) Journal of Investigational Allergology and Clinical Immunology, 30 (6), pp. 385-399
Fluhr J.W., Bellemere G., Ferrari C., De Belilovsky C., Boyer G., Lachmann N., McGuckin C.P., Forraz, N., Darlenski, R., Chadoutaud, B., Msika, P., Baudouin, C., Pellacani G. Age-Dependent Transformation of Skin Biomechanical Properties and Micromorphology during Infancy and Childhood. (2019) Journal of Investigative Dermatology, 139 (2), pp. 464-466.	Ohn, J., Park, M., Kim, J.Y., Chung, J.H., Kim, K.H., Jo, S.J., Kwon, O. Postnatal epidermal maturation is associated with the competence of the skin barrier (2022) Journal of Dermatological Science, 106 (2), pp. 119-122 Pavel, P., Blunder, S., Moosbrugger-Martinz, V., Elias, P.M., Dubrac, S. Atopic Dermatitis: The Fate of the Fat (2022) International Journal of Molecular Sciences, 23 (4), art. no. 2121 Gallay, C., Ventéjou, S., Gaide, O., Christen-Zaech, S. Cutaneous visualization by different non-invasive skin imaging methods [Article@La peau vue par différentes méthodes d'imagerie cutanée non invasive] (2021) Revue Medicale

	Suisse, 17 (732), pp. 624-629
Fluhr J.W., Zuberbier T., Darlenski R. Noninvasive measures in atopic dermatitis (2018) Current Opinion in Allergy and Clinical Immunology, 18 (5) , pp. 417-424.	Dourmishev, L., Mironova, N. Atopic Dermatitis: From Etiology and History to Treatment (2021) Acta Medica Bulgarica, 48 (3), pp. 68-76 Cristaudo, A., Pigliacelli, F., Sperati, F., Orsini, D., Cameli, N., Morrone, A., Mariano, M. Instrumental evaluation of skin barrier function and clinical outcomes during dupilumab treatment for atopic dermatitis: An observational study (2021) Skin Research and Technology, 27 (5), pp. 810-813 Suchonwanit, P., Triyangkulsri, K., Ploydaeng, M., Leerunyakul, K. Assessing Biophysical and Physiological Profiles of Scalp Seborrheic Dermatitis in the Thai Population (2019) BioMed Research International, 2019, art. no. 5128376
Kolkhir P., Pogorelov D., Darlenski R., Caminati M., Tanno L.K., Le Pham D., Gonzalez-Estrada A., Antolín-Amérigo, D., Dimov, V., Weller, K., Sánchez-Borges, M., Ansotegui, I., Maurer M. Management of chronic spontaneous urticaria: A worldwide perspective (2018) World Allergy Organization Journal, 11 (1) , art. no. 193	Takahagi, S., Kamegashira, A., Inomata, N., Fukunaga, A., Nakahara, T., Hayama, K., Hide, M. Impact of physicians' clinical experience and workplace on patients' care of urticaria in Japan: A sub-analysis of a nation-wide cross-sectional web questionnaire survey (2022) Journal of Cutaneous Immunology and Allergy, 5 (3), pp. 106-108 Cassano, N., Genovese, G., Asero, R., Crimi, N., Cristaudo, A., Dapavo, P., Depità, O., Ferrucci, S., Fierro, M.T., Foti, C., Girolomoni, G., Nettis, E., Offidani, A., Patrizi, A., Pepe, P., Pigatto, P., Stigeni, L., Marzano, A.V., Vena, G.A. Therapeutic management of chronic spontaneous urticaria in clinical practice: Results from a pilot survey (2022) Italian Journal of Dermatology and Venereology, 157 (1), pp. 33-38. Benáková, N. Guidelines of the Czech Society of Dermatology ČLS JEP and the Czech Society of Allergology and Clinical Immunology for the Treatment of Chronic Spontaneous Urticaria (2022) Cesko-Slovenska Dermatologie, 97 (3), pp. 83-99
	Tayefi, M., Bradley, M., Neijber, A., Fastberg, A., Ceynowa, D., Eriksson, M. Chronic Urticaria: A Swedish Registry-based Cohort Study on Population, Comorbidities and Treatment Characteristics (2022) Acta Dermato-Venereologica, 102, art. no. adv00624, Cassano, N., Genovese, G., Asero, R., Crimi, N.,

Cristaudo, A., Dapavo, P., de Pità, O., Ferrucci, S.M., Fierro, M.T., Foti, C., Girolomoni, G., Nettis, E., Offidani, A., Patrizi, A., Pepe, P., Pigatto, P., Stingeni, L., Marzano, A.V., Vena, G.A. Chronic spontaneous urticaria in clinical practice: a pilot survey about attitudes and perceptions on assessment, diagnostic work-up and dietary management (2021) Italian Journal of Dermatology and Venereology, 156 (6), pp. 659-664

Reddy, S., Manchanda, I., Godse, K., Patil, A.D. Clinical characteristics of patients with chronic urticaria and adherence to management guidelines by postgraduate students in dermatology: A retrospective single center study (2021) Indian Journal of Dermatology, 66 (6), p. 707

Sánchez-Borges, M., Ansotegui, I.J., Baiardini, I., Bernstein, J., Canonica, G.W., Ebisawa, M., Gomez, R.M., González-Díaz, S., Martin, B., Morais de Almeida, M., Ortega Martell, J.A. The challenges of chronic urticaria part 2: Pharmacological treatment, chronic inducible urticaria, urticaria in special situations (2021) World Allergy Organization Journal, 14 (6), art. no. 100546

Metz, M., Altrichter, S., Buttgereit, T., Fluhr, J.W., Fok, J.S., Hawro, T., Jiao, Q., Kolkhir, P., Krause, K., Magerl, M., Pyatilova, P., Siebenhaar, F., Su, H., Terhorst-Molawi, D., Weller, K., Xiang, Y.-K., Maurer, M. The Diagnostic Workup in Chronic Spontaneous Urticaria—What to Test and Why (2021) Journal of Allergy and Clinical Immunology: In Practice, 9 (6), pp. 2274-2283

De, A., Godse, K., Dhoot, D., Sarda, A. Real-life experience of efficacy and safety of bilastine in the refractory cases of chronic spontaneous urticaria and its effect on the quality of life of patients (2021) Indian Journal of Dermatology, 66 (2), pp. 159-164

Hon, K.L., Li, J.T.S., Leung, A.K.C., Lee, V.W.Y. Current and emerging pharmacotherapy for chronic spontaneous Urticaria: a focus on non-biological therapeutics (2021) Expert Opinion on Pharmacotherapy, 22 (4), pp. 497-509

Sánchez, J., Diez, S., Cardona, R. Clinical Control of CSU with Antihistamines Allows for Tolerance

	<p>of NSAID-Exacerbated Cutaneous Disease (2020) Journal of Allergy and Clinical Immunology: In Practice, 8 (10), pp. 3577-3583.e1.</p> <p>Maoz-Segal, R., Levy, T., Haj-Yahia, S., Offengenden, I., Iancovich-Kidon, M., Agmon-Levin, N. Combination therapy with omalizumab and an immune-suppressive agent for resistant chronic spontaneous urticaria - A real-life experience (2020) World Allergy Organization Journal, 13 (8), art. no. 100448</p> <p>Takahagi, S., Kamegashira, A., Fukunaga, A., Inomata, N., Nakahara, T., Hayama, K., Hide, M. Real-world clinical practices for spontaneous urticaria and angioedema in Japan: A nation-wide cross-sectional web questionnaire survey (2020) Allergology International, 69 (2), pp. 300-303</p> <p>Kudryavtseva, A.V., Nurtazina, A.Y., Velikoretskaya, M.D., Geppe, N.A. Management strategy for children with urticaria in Russia (2020) Voprosy Prakticheskoi Pediatrii, 15 (3), pp. 36-44.</p> <p>Ghaffari, J., Ghaffari, N. Acute and chronic urticaria: Prevalence, etiologies, diagnosis, and treatment (2020) Journal of Mazandaran University of Medical Sciences, 30 (187), pp. 179-195.</p> <p>Kerbeker, T. Chronic urticaria – Back to basics (2019) Current Allergy and Clinical Immunology, 32 (4), pp. 217-220</p> <p>Spekhorst, L.S., van den Reek, J.M.P.A., Knulst, A.C., Röckmann, H. Determinants of omalizumab drug survival in a long-term daily practice cohort of patients with chronic urticaria (2019) Allergy: European Journal of Allergy and Clinical Immunology, 74 (6), pp. 1185-1187.</p> <p>Cherrez-Ojeda, I., Maurer, M., Bernstein, J.A., Vanegas, E., Felix, M., Ramon, G.D., Ensina, L.F., Larco Sousa, J.I., Matos Benavides, E.E., Cardona Villa, R., Latour Staffeld, P., Morfin-Macié, B.M., Mori, J., Wilches C, P., Mata, V.L., Cherrez, A. Learnings from real-life experience of using omalizumab for chronic urticaria in Latin America (2019) World Allergy Organization Journal, 12 (2), art. no. 100011</p>
Bogdanov I., Kazandjieva J., Darlenski R.,	Marzecka, M., Niemczyk, A., Rudnicka, L.

Tsankov N. Dermatomyositis: Current concepts (2018) Clinics in Dermatology, 36 (4) , pp. 450-458.	Autoantibody Markers of Increased Risk of Malignancy in Patients with Dermatomyositis (2022) Clinical Reviews in Allergy and Immunology, 63 (2), pp. 289-296
	Ujiie, H., Rosmarin, D., Schön, M.P., Ständer, S., Boch, K., Metz, M., Maurer, M., Thaci, D., Schmidt, E., Cole, C., Amber, K.T., Didona, D., Hertl, M., Recke, A., Graßhoff, H., Hackel, A., Schumann, A., Riemekasten, G., Bieber, K., Sprow, G., Dan, J., Zillikens, D., Sezin, T., Christiano, A.M., Wolk, K., Sabat, R., Kridin, K., Werth, V.P., Ludwig, R.J. Unmet Medical Needs in Chronic, Non-communicable Inflammatory Skin Diseases (2022) Frontiers in Medicine, 9, art. no. 875492
	Loftis, C., White, R., Dulgheru, E.C. Dermatomyositis-related intestinal dysmotility (2022) Modern Rheumatology Case Reports, 6 (2), pp. 189-193.
	Lajoie, C., Brault, C., Fortin, S., de Guerke, L., Auclair, M.-H. Severe Paraneoplastic Dermatomyositis in a Patient With High-Grade Serous Ovarian Cancer (2022) Journal of Obstetrics and Gynaecology Canada, 44 (6), pp. 700-702.
	Md Hadis, N.I.S., Mohd Yusoff, S.S., Muhamad, R., Che Juha, F.H. Post-COVID-19 Dermatomyositis: A Delayed Reaction That Evades Early Detection (2022) Medeniyet Medical Journal, 37 (3), pp. 289-292.
	Bitar, C., Ninh, T., Brag, K., Foutouhi, S., Radosta, S., Meyers, J., Baddoo, M., Liu, D., Stumpf, B., Harms, P.W., Saba, N.S., Boh, E. Apremilast in Recalcitrant Cutaneous Dermatomyositis: A Nonrandomized Controlled Trial (2022) JAMA Dermatology,
	Cirino, P.V., Hordinsky, M., McAdams, B., Romiti, R. Small fiber neuropathy and intractable scalp pruritus in dermatomyositis patients (2022) Skin Health and Disease
	Kerbel Laiter, A., Rincón Pérez, C., Marroquin Morales, A. Paraneoplastic dermatomyositis associated with breast cancer (2022) Piel Atzori, L., Ferreli, C., Rongioletti, F. Connective

Tissue Disorders (2022) Roxburgh's Common Skin Diseases, 19th Edition, pp. 125-138.

Yang, M., Chen, Y., Yin, G., Lin, S., Liu, H., Huang, Y., Tian, Y., Zhou, Y., Luo, F., Xie, Q. Elevated Serum IGFBP-2 and CTGF Levels Are Associated with Disease Activity in Patients with Dermatomyositis (2022) Disease Markers, 2022, art. no. 9223883

Chen, X., Chen, A., Liu, C., Zhang, B. Triple-Negative Breast Cancer with Dermatomyositis: A Case Report and Literature Review (2022) Cancer Management and Research, 14, pp. 569-576

Molina, E., Christopher-Stine, L., Albayda, J. On the Nose: Anti-MDA-5 Dermatomyositis Manifesting as Perinasal Swelling (2022) Case Reports in Dermatology,

Ma, H., Zhang, J., Guo, M. Primary cutaneous gamma-delta T-cell lymphoma mimicking clinical amyopathic dermatomyositis: A case report (2021) Medicina Clinica, 157 (11), pp. 547-548

Risavi, B.L., Puller, J., Juhasz, K. An itchy rash and muscle weakness (2021) Clinical Case Reports, 9 (9), art. no. e04750

Bailiff, O.A., Mowad, C.M. Mimics of Dermatitis (2021) Immunology and Allergy Clinics of North America, 41 (3), pp. 493-515

Kus, K.J.B., LaChance, A.H., Vleugels, R.A. Recognition and Management of Cutaneous Connective Tissue Diseases (2021) Medical Clinics of North America, 105 (4), pp. 757-782.

Tyler Daugherty, T., Cheeley, J.T. Ulcerative heliotrope rash in antimelanoma differentiation-associated gene 5 dermatomyositis (2021) Cutis, 107 (5), pp. E5-E8

Paudyal, A., Zheng, M., Lyu, L., Thapa, C., Gong, S., Yang, Y., Lyu, X. JAK-inhibitors for dermatomyositis: A concise literature review (2021) Dermatologic Therapy, 34 (3), art. no. e14939

Warshaw, E.M., Kullberg, S.A., DeKoven, J.G., Maibach, H.I., Belsito, D.V., Silverberg, J.I., Fowler, J.F., Atwater, A.R., Saserville, D., Reeder,

M.J., Taylor, J.S., DeLeo, V.A., Pratt, M.D., Zug, K.A., Fransway, A.F. Scalp involvement in patients referred for patch testing: Retrospective cross-sectional analysis of North American Contact Dermatitis Group data, 1996 to 2016 (2021) *Journal of the American Academy of Dermatology*, 84 (4), pp. 977-988.

Liang, Y., Peng, Y. Gene body methylation facilitates the transcription of CTSG via antisense lncRNA AL136018.1 in dermatomyositic myoideum (2021) *Cell Biology International*, 45 (2), pp. 456-462

López-Olmos, P.A., López-Zenteno, B.E., Sánchez-Herrera, D., Rodríguez-Weber, F.L. Paraneoplastic dermatomyositis (2021) *Dermatología Revista Mexicana*, 65 (S1), pp. S100-S106

Patil, P.M., Patil, S.P. Dermatomyositis: What the oral healthcare provider must know (2021) *Journal of Oral Medicine and Oral Surgery*, 27 (1), art. no. 2020048

Chavez-Alvarez, S., Suro-Santos, Y., Villarreal-Martinez, A., Herz-Ruelas, M.E., Galarza-Delgado, D.A., Hernandez-Galarza, I.J., Gomez-Flores, M., Vazquez-Martinez, O.T., Ocampo-Candiani, J. The sunburn sign and the suntan sign- two novel findings in Hispanic patients with dermatomyositis (2021) *Journal of the European Academy of Dermatology and Venereology*, 35 (1), pp. e88-e89.

Corrado, B., Ciardi, G., Lucignano, L. Supervised physical therapy and polymyositis/dermatomyositis—a systematic review of the literature (2020) *Neurology International*, 12 (3), pp. 77-88

Wu, C.M., Dunn, J.P., Sergott, R.C. Papillitis with retinal venous congestion and intraocular inflammation (2020) *American Journal of Ophthalmology Case Reports*, 20, art. no. 100913,

Peng, Y., Sun, X., Liang, Y. Role of DNA methylation on human CTSG in dermatomyositic myoideum (2020) *Cell Biology International*, 44 (12), pp. 2409-2415

Wang, W.-M., Guo, L., Jin, H.-Z. Role of B cells

	<p>in immune-mediated dermatoses (2020) Molecular Immunology, 126, pp. 95-100</p> <p>Lin, J., Xue, M., Gao, M., Yu, P., Han, S. Toripalimab-Induced Dermatomyositis in a Patient with Metastatic Melanoma (2020) Dermatology and Therapy, 10 (4), pp. 863-867</p> <p>Kosche, C., Stout, M., Sosman, J., Lukas, R.V., Choi, J.N. Dermatomyositis in a patient undergoing nivolumab therapy for metastatic melanoma: a case report and review of the literature (2020) Melanoma Research, 30 (3), pp. 313-316</p> <p>Nguyen, M., Hai, J., Bovenberg, M.S.S., Wilken, R., Kiuru, M., Brassard, A., Tartar, D. A patient with anti-NXP2-positive dermatomyositis and syphilis. (2020) Dermatology Online Journal, 26 (2), art. no. 8, .</p> <p>DeWane, M.E., Waldman, R., Lu, J. Dermatomyositis: Clinical features and pathogenesis (2020) Journal of the American Academy of Dermatology, 82 (2), pp. 267-281.</p> <p>Podchernyayeva, N.S., Konevina, M.S., Tikhaya, M.I. Modern ideas about juvenile dermatomyositis: Etiology, pathogenesis, clinic, diagnostics (part i) (2019) Pediatriya - Zhurnal im G.N. Speranskogo, 98 (3), pp. 216-227</p> <p>Vastarella, M., Gallo, L., Cantelli, M., Nappa, P., Fabbrocini, G. An Undetected Case of Tinea Capitis in an Elderly Woman Affected by Dermatomyositis: How Trichoscopy Can Guide to the Right Diagnosis (2019) Skin Appendage Disorders, 5 (3), pp. 186-188</p> <p>Mende, M., Borchardt-Lohölter, V., Meyer, W., Schepel, T., Schlumberger, W. Autoantibodies in myositis. How to achieve a comprehensive strategy for serological testing (2019) Mediterranean Journal of Rheumatology, 30 (3), pp. 155-161</p> <p>Kurtzman, D. Rheumatologic dermatology (2018) Clinics in Dermatology, 36 (4), pp. 439-441</p>
Darlenski R., Hristakieva E., Aydin U., Gancheva D., Gancheva T., Zheleva A., Gadjeva V., Fluhr J.W. Epidermal barrier and	Pukale, S.S., Sahel, D.K., Mittal, A., Chitkara, D. Coenzyme Q10 loaded lipid-polymer hybrid nanoparticles in gel for the treatment of psoriasis

oxidative stress parameters improve during in 311 nm narrow band UVB phototherapy of plaque type psoriasis. (2018) Journal of Dermatological Science, 91 (1), pp. 28-34.

like skin condition (2022) Journal of Drug Delivery Science and Technology, 76, art. no. 103672

Montero-Vilchez, T., Martinez-Lopez, A., Cuenca-Barrales, C., Quiñones-Vico, M.I., Sierra-Sánchez, A., Molina-Leyva, A., Gonçalo, M., Cambil-Martin, J., Arias-Santiago, S. Assessment of hand hygiene strategies on skin barrier function during COVID-19 pandemic: A randomized clinical trial (2022) Contact Dermatitis, 86 (4), pp. 276-285

De Francesco, M.A., Caruso, A. The Gut Microbiome in Psoriasis and Crohn's Disease: Is Its Perturbation a Common Denominator for Their Pathogenesis? (2022) Vaccines, 10 (2), art. no. 244, .

Dobrică, E.-C., Cozma, M.-A., Găman, M.-A., Voiculescu, V.-M., Găman, A.M. The Involvement of Oxidative Stress in Psoriasis: A Systematic Review (2022) Antioxidants, 11 (2), art. no. 282

Hu, J., Bian, Q., Ma, X., Xu, Y., Gao, J.Q. A double-edged sword: ROS related therapies in the treatment of psoriasis (2022) Asian Journal of Pharmaceutical Sciences

Tarentini, E., Odorici, G., Righi, V., Paganelli, A., Giacomelli, L., Mirisola, V., Mucci, A., Benassi, L., D'Aversa, E., Lasagni, C., Kaleci, S., Reali, E., Magnoni, C. Integrated metabolomic analysis and cytokine profiling define clusters of immuno-metabolic correlation in new-onset psoriasis (2021) Scientific Reports, 11 (1), art. no. 10472

Montero-Vilchez, T., Martinez-Lopez, A., Sierra-Sánchez, A., Soler-Gongora, M., Jimenez-Mejias, E., Molina-Leyva, A., Buendia-Eisman, A., Arias-Santiago, S. Erythema increase predicts psoriasis improvement after phototherapy (2021) Journal of Clinical Medicine, 10 (17), art. no. 3897,

Guarneri, F., Bertino, L., Pioggia, G., Casciaro, M., Gangemi, S. Therapies with antioxidant potential in psoriasis, vitiligo, and lichen planus (2021) Antioxidants, 10 (7), art. no. 1087

Montero-Vilchez, T., Soler-Góngora, M., Martínez-López, A., Ana, F.-G., Buendía-Eisman,

A., Molina-Leyva, A., Arias-Santiago, S. Epidermal barrier changes in patients with psoriasis: The role of phototherapy (2021) Photodermatology Photoimmunology and Photomedicine, 37 (4), pp. 285-292

Olejniczak-Staruch, I., Ciążyńska, M., Sobolewska-Sztychny, D., Narbutt, J., Skibińska, M., Lesiak, A. Alterations of the skin and gut microbiome in psoriasis and psoriatic arthritis (2021) International Journal of Molecular Sciences, 22 (8), art. no. 3998

Jeon, S., Yoon, Y.-S., Kim, H.K., Han, J., Lee, K.M., Seol, J.E., Cho, S.K., Park, C.-S. Ablation of CRBN induces loss of type I collagen and SCH in mouse skin by fibroblast senescence via the p38 MAPK pathway (2021) Aging, 13 (5), pp. 6406-6419

Darlenski, R., Deliyska, R., Al-Sadek, L.T., Hristakieva, E., Fluhr, J.W. Epidermal carotenoid levels in vivo of patients with plaque psoriasis: Effects of narrow-band UVB phototherapy (2021) Photodermatology Photoimmunology and Photomedicine, 37 (2), pp. 111-114

Mazur, M., Tomczak, H., Lodyga, M., Czajkowski, R., Zaba, R., Adamski, Z. The microbiome of the human skin and its variability in psoriasis and atopic dermatitis (2021) Postepy Dermatologii i Alergologii, 38 (2), pp. 205-209

Tsankov, N., Mateev, D., Bogdanov, I., Darlenski, R. Dynamics of epidermal carotenoid levels in vivo of healthy subjects in Antarctica (2020) Journal of the European Academy of Dermatology and Venereology, 34 (12), pp. e824-e825

Wang, X., Ye, L., Lai, Q., Wen, S., Long, Z., Qiu, X., Elias, P.M., Yang, B., Man, M.-Q. Altered Epidermal Permeability Barrier Function in the Uninvolved Skin Supports a Role of Epidermal Dysfunction in the Pathogenesis of Occupational Hand Eczema (2020) Skin Pharmacology and Physiology, 33 (2), pp. 94-101

Moran, M.C., Beck, L.A., Richardson, C.T. A Spectrum of Skin Disease: How *Staphylococcus aureus* Colonization, Barrier Dysfunction, and Cytokines Shape the Skin (2020) Journal of

	<p>Investigative Dermatology, 140 (5), pp. 941-944.</p> <p>Jiang, B.-W., Zhang, W.-J., Wang, Y., Tan, L.-P., Bao, Y.-L., Song, Z.-B., Yu, C.-L., Wang, S.-Y., Liu, L., Li, Y.-X. Convallatoxin induces HaCaT cell necroptosis and ameliorates skin lesions in psoriasis-like mouse models (2020) Biomedicine and Pharmacotherapy, 121, art. no. 109615</p> <p>Brunner, P.M. Early immunologic changes during the onset of atopic dermatitis (2019) Annals of Allergy, Asthma and Immunology, 123 (2), pp. 152-157</p> <p>Zhou, Y., Han, D., Follansbee, T., Wu, X., Yu, S., Wang, B., Shi, Z., Domocos, D.T., Carstens, M., Carstens, E., Hwang, S.T. Transient receptor potential ankyrin 1 (TRPA1) positively regulates imiquimod-induced, psoriasiform dermal inflammation in mice (2019) Journal of Cellular and Molecular Medicine, 23 (7), pp. 4819-4828</p> <p>Berekméri, A., Tiganescu, A., Alase, A.A., Vital, E., Stacey, M., Wittmann, M. Non-invasive approaches for the diagnosis of autoimmune/autoinflammatory skin diseases—A focus on psoriasis and Lupus erythematosus (2019) Frontiers in Immunology, 10 (AUG), art. no. 1931</p> <p>Zhou, Y., Follansbee, T., Wu, X., Han, D., Yu, S., Domocos, D.T., Shi, Z., Carstens, M., Carstens, E., Hwang, S.T. TRPV1 mediates inflammation and hyperplasia in imiquimod (IMQ)-induced psoriasiform dermatitis (PsD) in mice (2018) Journal of Dermatological Science, 92 (3), pp. 264-271</p>
Tsankov N., Mateev D., Darlenski R. Skin hydration, microrelief and greasiness of normal skin in Antarctica (2018) Journal of the European Academy of Dermatology and Venereology, 32 (3) , pp. 482-485	Ring, J. Progress in Dermatology and Venereology – Editor's pick of the year 2018 (2019) Journal of the European Academy of Dermatology and Venereology, 33 (1), pp. 7-10
Fluhr J.W., Darlenski R. Skin Surface pH in Newborns: Origin and Consequences (2018) Current Problems in Dermatology (Switzerland), 54 , pp. 26-32.	Yun, Y.E., Calderon-Nieva, D., Hamadeh, A., Edginton, A.N. Development and Evaluation of an In Silico Dermal Absorption Model Relevant for Children (2022) Pharmaceutics, 14 (1), art. no. 172

	<p>Function, and Microbiome of Pregnant Females and Their Newborns: Study Protocol for a Prospective Cohort Study (2021) Dermatology Research and Practice, 2021, art. no. 4163705</p> <p>Xu, Y.-C., Wang, J.-P., Zhu, W.-J., Li, P. Childhood atopic dermatitis as a precursor for developing attention deficit/hyperactivity disorder (2020) International Journal of Immunopathology and Pharmacology, 34,</p> <p>Carr, A.N., DeWitt, T., Cork, M.J., Eichenfield, L.F., Fölster-Holst, R., Hohl, D., Lane, A.T., Paller, A., Pickering, L., Taieb, A., Cui, T.Y., Xu, Z.G., Wang, X., Brink, S., Niu, Y., Ogle, J., Odio, M., Gibb, R.D. Diaper dermatitis prevalence and severity: Global perspective on the impact of caregiver behavior (2020) Pediatric Dermatology, 37 (1), pp. 130-136</p>
Manuelyan K.L., Bogdanov I.A., Darlenski R.B. Skin signs of systemic infections and neoplastic diseases. (2017) Giornale Italiano di Dermatologia e Venereologia, 152 (5) , pp. 489-499.	Lugović-Mihić, L., Krišto, M., Špoljar, S., Novak-Bilić, G., Bešlić, I., Vučić, M., Šitum, M. Can skin be a marker for internal malignancy? Evidence from clinical cases (2021) Acta Clinica Croatica, 60 (4), pp. 711-721.
Mahler V., Aalto-Korte K., Alfonso J.H., Bakker J.G., Bauer A., Bensefa-Colas L., Boman A., Darlenski, R., Uter W. Occupational skin diseases: actual state analysis of patient management pathways in 28 European countries. (2017) Journal of the European Academy of Dermatology and Venereology, 31 , pp. 12-30.	Ristow, N., Wilke, A., Malte John, S., Ludewig, M. Development of an app-based maintenance programme to promote skin protection behaviour for patients with work-related skin diseases (2022) Health Education Journal, 81 (6), pp. 731-744
	Ahlström, M.G., Dietz, J.B., Wilke, A., Johansen, J.D., John, S.M., Brans, R. Evaluation of the secondary and tertiary prevention strategies against occupational contact dermatitis in Germany: A systematic review (2022) Contact Dermatitis, 87 (2), pp. 142-153
	Thyssen, J.P., Schuttelaar, M.L.A., Alfonso, J.H., Andersen, K.E., Angelova-Fischer, I., Arents, B.W.M., Bauer, A., Brans, R., Cannavo, A., Christoffers, W.A., Crépy, M.-N., Elsner, P., Fartasch, M., Filon, F.L., Giménez-Arnau, A.M., Gonçalo, M., Guzmán-Perera, M.G., Hamann, C.R., Hoetzenrecker, W., Johansen, J.D., John, S.M., Kunkeler, A.C.M., Hadzavdic, S.L., Molin, S., Nixon, R., Oosterhaven, J.A.F., Rustemeyer, T., Serra-Baldrich, E., Shah, M., Simon, D., Skudlik, C., Spiewak, R., Valiukevičienė, S., Voorberg, A.N., Weisshaar, E., Agner, T. Guidelines for diagnosis, prevention, and treatment of hand eczema (2022) Contact

	Dermatitis, 86 (5), pp. 357-378
	Keurentjes, A.J., Kezic, S., Rustemeyer, T., Hulshof, C.T.J., van der Molen, H.F. Stimulating Sunscreen Use Among Outdoor Construction Workers: A Pilot Study (2022) <i>Frontiers in Public Health</i> , 10, art. no. 857553
	Brinchmann, B.C., Bugge, M.D., Nordby, K.-C., Alfonso, J.H. Firefighting and melanoma, epidemiological and toxicological associations: A case report (2022) <i>Occupational Medicine</i> , 72 (2), pp. 142-144
	Kaur, R., Koul, P. Arc flash macular hole (2022) <i>European Journal of Ophthalmology</i> , 32 (2), pp. NP82-NP86.
	Voorberg, A.N., Loman, L., Schuttelaar, M.L.A. Prevalence and Severity of Hand Eczema in the Dutch General Population: A Cross-sectional, Questionnaire Study within the Lifelines Cohort Study (2022) <i>Acta Dermato-Venereologica</i> , 102, art. no. adv00626
	Fieten, K.B., John, S.M., Nowak, D. Secondary and Tertiary Prevention: Medical Rehabilitation (2022) <i>Handbook of Experimental Pharmacology</i> , 268, pp. 449-470.
	Loman, L., Uter, W., Armario-Hita, J.C., Ayala, F., Balato, A., Ballmer-Weber, B.K., Bauer, A., Bircher, A.J., Buhl, T., Czarnecka-Operacz, M., Dickel, H., Fuchs, T., Giménez Arnau, A., John, S.M., Kränke, B., Kręcisz, B., Mahler, V., Rustemeyer, T., Sadowska-Przytocka, A., Sánchez-Pérez, J., Scherer Hofmeier, K., Schliemann, S., Simon, D., Spiewak, R., Spring, P., Valiuukevičienė, S., Wagner, N., Weisshaar, E., Pesonen, M., Schuttelaar, M.L.A., Aberer, W., Beiteke, U., Frosch, P., Werfel, T., Elsner, P., Becker, D., Sliuzaviciene, G., Kiec-Swierczynska, M., Silvestre, J.F., Ruiz, I., Mercader, P., Fernández-Redondo, V., García-Gavín, J., Grabbe, J., Navarini, A. European Surveillance System on Contact Allergies (ESSCA): Characteristics of patients patch tested and diagnosed with irritant contact dermatitis (2021) <i>Contact Dermatitis</i> , 85 (2), pp. 186-197
	Keurentjes, A.J., Kezic, S., Rustemeyer, T., Hulshof, C.T.J., van der Molen, H.F. Protection

Against Solar Ultraviolet Radiation in Outdoor Construction Workers: Study Protocol for a Non-randomized Controlled Intervention Study (2021) *Frontiers in Public Health*, 9, art. no. 602933

Piapan, L., Mauro, M., Martinuzzo, C., Larese Filon, F. Characteristics and incidence of contact dermatitis among hairdressers in north-eastern Italy (2020) *Contact Dermatitis*, 83 (6), pp. 458-465

Chernyshov, P.V., John, S.M., Tomas-Aragones, L., Gonçalo, M., Svensson, A., Bewley, A., Evers, A.W.M., Szepietowski, J.C., Marron, S.E., Manolache, L., Pustisek, N., Suru, A., Salavastru, C.M., Tiplica, G.S., Salek, M.S., Finlay, A.Y. Quality of life measurement in occupational skin diseases. Position paper of the European Academy of Dermatology and Venereology Task Forces on Quality of Life and Patient Oriented Outcomes and Occupational Skin Disease (2020) *Journal of the European Academy of Dermatology and Venereology*, 34 (9), pp. 1924-1931

Santarossa, M., Mauro, M., Belloni Fortina, A., Corradin, M.T., Larese Filon, F. Occupational contact dermatitis in Triveneto: Analysis of patch test data of the North Eastern Italian Database from 1996 to 2016 (2020) *Contact Dermatitis*, 82 (6), pp. 370-379

Piotrowska, A., Czerwińska-Ledwig, O., Kotarba, P. Selected hand skin characteristics of laboratory diagnosticians (2020) *Medycyna Pracy*, 71 (6), pp. 725-734

Le, F., Liu, B., Si, Z., Li, S., Qiao, J. Prevalence of dermatitis and superficial fungal infection of the hands in seafood workers: An investigation from food markets in Ningbo, China (2020) *Risk Management and Healthcare Policy*, 13, pp. 427-431

Lund, T., Petersen, S.B., Flachs, E.M., Ebbehøj, N.E., Bonde, J.P., Agner, T. Risk of work-related hand eczema in relation to wet work exposure (2020) *Scandinavian Journal of Work, Environment and Health*, 46 (4), pp. 437-445

Süß, H., Dölle-Bierke, S., Geier, J., Kreft, B., Oppel, E., Pföhler, C., Skudlik, C., Worm, M., Mahler, V. Contact urticaria: Frequency, elicitors

and cofactors in three cohorts (Information Network of Departments of Dermatology; Network of Anaphylaxis; and Department of Dermatology, University Hospital Erlangen, Germany) (2019) Contact Dermatitis, 81 (5), pp. 341-353

Spiewak, R. Farmers and farmworkers (2019) Kanerva's Occupational Dermatology, pp. 1929-1946

Knuschke, P. UV exposure (2019) Kanerva's Occupational Dermatology, pp. 1145-1178

Skudlik, C., John, S.M. Prevention and rehabilitation (2019) Kanerva's Occupational Dermatology, pp. 1617-1629

Mahler, V. Prick and intracutaneous testing and IgE testing (2019) Kanerva's Occupational Dermatology, pp. 1317-1345

Uter, W. Surveillance in occupational contact dermatitis (2019) Kanerva's Occupational Dermatology, pp. 69-75

Larese Filon, F., Buric, M., Fluehler, C. UV exposure, preventive habits, risk perception, and occupation in NMSC patients: A case-control study in Trieste (NE Italy) (2019) Photodermatology Photoimmunology and Photomedicine, 35 (1), pp. 24-30

Alfonso, J.H. Scope and Efficacy of Preventive Measures in Contact Dermatitis (2018) Current Treatment Options in Allergy, 5 (4), pp. 319-332

Uter, W., Bauer, A., Bensefa-Colas, L., Brans, R., Crépy, M.-N., Giménez-Arnau, A., Larese Filon, F., Ljubojević Hadžavdić, S., Pesonen, M., Schuttelaar, M.L.A., Wilkinson, M. Pilot study on a new concept of documenting the clinical relevance of patch test results in contact dermatitis patients (2018) Contact Dermatitis, 79 (6), pp. 370-377

Schilling, L., Schneider, S., Görig, T., Spengler, M., Greinert, R., Breitbart, E.W., Diehl, K. "Lost in the sun"—The key role of perceived workplace support for sun-protective behavior in outdoor workers (2018) American Journal of Industrial Medicine, 61 (11), pp. 929-938

Uter, W., Bauer, A., Bensefa-Colas, L., Brans, R., Crépy, M.-N., Giménez-Arnau, A., Larese Filon, F., Ljubojević Hadžavdić, S., Pesonen, M., Schuttelaar, M.L., Wilkinson, M., Lidén, C. Extended documentation for hand dermatitis patients: Pilot study on irritant exposures (2018) Contact Dermatitis, 79 (3), pp. 168-174

Oosterhaven, J.A.F., Flach, P.A., Bültmann, U., Schuttelaar, M.L.A. Presenteeism in a Dutch hand eczema population—a cross-sectional survey (2018) Contact Dermatitis, 79 (1), pp. 10-19

Pinheiro, V., Pestana, C., Pinho, A., Antunes, I., Gonçalo, M. Occupational allergic contact dermatitis caused by antibiotics in healthcare workers – relationship with non-immediate drug eruptions (2018) Contact Dermatitis, 78 (4), pp. 281-286

Wilke, A., Bollmann, U., Cazzaniga, S., Hübner, A., John, S.M., Karadzinska-Bislomovska, J., Mijakoski, D., Šimić, D., Simon, D., Sonsmann, F., Stoleski, S., Weinert, P., Wulffhorst, B. The implementation of knowledge dissemination in the prevention of occupational skin diseases (2018) Journal of the European Academy of Dermatology and Venereology, 32 (3), pp. 449-458.

Uter, W., Amario-Hita, J.C., Balato, A., Ballmer-Weber, B., Bauer, A., Belloni Fortina, A., Bircher, A., Chowdhury, M.M.U., Cooper, S.M., Czarnecka-Operacz, M., Dugonik, A., Gallo, R., Giménez-Arnau, A., Johansen, J.D., John, S.M., Kieć-Świerczyńska, M., Kmecl, T., Kręcisz, B., Larese Filon, F., Mahler, V., Pesonen, M., Rustemeyer, T., Sadowska-Przytocka, A., Sánchez-Pérez, J., Schliemann, S., Schuttelaar, M.L., Simon, D., Spiewak, R., Valiukevičienė, S., Weisshaar, E., White, I.R., Wilkinson, S.M. European Surveillance System on Contact Allergies (ESSCA): results with the European baseline series, 2013/14 (2017) Journal of the European Academy of Dermatology and Venereology, 31 (9), pp. 1516-1525.

Śpiewak, R., Góra-Florek, A., Horoch, A., Jarosz, M.J., Doryńska, A., Golec, M., Dutkiewicz, J. Risk factors for work-related eczema and urticaria among vocational students of agriculture (2017)

	<p>Annals of Agricultural and Environmental Medicine, 24 (4), pp. 716-721</p> <p>Svecova, D., Nemsovska, J. Contact dermatitis (2015) Contact Dermatitis, pp. 1-137</p>
Darlenski R., Fluhr J.W. Measurement of skin surface acidity: Measuring skin pH (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, , pp. 113-120.	<p>Naz, I., Fatima, A., Alhewairini, S.S., Rehman, A. Assessment of antibacterial activity of Syzygium aromaticum extracts, antibiotics and silver sulphadiazine ointment against pathogenic bacteria isolated from the burned and unburned skin (2022) Malaysian Journal of Microbiology, 17 (4), pp. 380-389</p> <p>Malinovskaja-Gomez, K., Espuelas, S., Garrido, M.J., Hirvonen, J., Laaksonen, T. Comparison of liposomal drug formulations for transdermal iontophoretic drug delivery (2017) European Journal of Pharmaceutical Sciences, 106, pp. 294-301</p>
Tanno L.K., Darlenski R., Sanchez-Garcia S., Bonini M., Vereda A., Kolkhir P., Antolin-Amerigo D., Dimov, V., Gallego-Corella, C., Becerra, J., Diaz, A., Linares, V., Villa, L., Rosenwasser, L., Sanchez-Borges, M., Ansotegui, I., Pawankar, R., Bieber T. International survey on skin patch test procedures, attitudes and interpretation (2016) World Allergy Organization Journal, 9 (1) , art. no. 8	<p>Aparicio-Soto, M., Curato, C., Riedel, F., Thierse, H.-J., Luch, A., Siewert, K. In vitro monitoring of human t cell responses to skin sensitizing chemicals—a systematic review (2022) Cells, 11 (1), art. no. 83</p> <p>Munafò, A., Frara, S., Perico, N., Di Mauro, R., Cortinovis, M., Burgaletto, C., Cantarella, G., Remuzzi, G., Giustina, A., Bernardini, R. In search of an ideal drug for safer treatment of obesity: The false promise of pseudoephedrine (2021) Reviews in Endocrine and Metabolic Disorders, 22 (4), pp. 1013-1025</p> <p>Balato, A., Scala, E., Ayala, F., Bauer, A., Crépy, M.-N., Gonçalo, M., Duus Johansen, J., John, S.M., Rustemeyer, T., Wagner, N., Wilkinson, M., Giménez-Arnau, A. Patch test informed consent form: position statement by European Academy of Dermatology and Venereology Task Force on Contact Dermatitis (2021) Journal of the European Academy of Dermatology and Venereology, 35 (10), pp. 1957-1962</p> <p>Bostan, L.E., Clarkin, C.E., Mousa, M., Worsley, P.R., Bader, D.L., Dawson, J.I., Evans, N.D. Synthetic Nanoclay Gels Do Not Cause Skin Irritation in Healthy Human Volunteers (2021) ACS Biomaterials Science and Engineering, 7 (6), pp. 2716-2722.</p> <p>Cao, T., Gao, Y., Li, L., Zou, Y., Maibach, H.I. Changes in Chinese patch testing practices over</p>

	<p>13 years: Updated cross-sectional survey and possible international implications (2021) Contact Dermatitis, 84 (3), pp. 159-165</p> <p>Tas, B. Demographic and clinical features and subsectoral differences in occupational contact allergens in clothing manufacturing workers (2020) American Journal of Industrial Medicine, 63 (11), pp. 1008-1016</p> <p>Veverka, K.K., Davis, M.D.P. Dubiously Doubtful: An Exploration of the Literature Concerning Doubtful, Macular Erythema, "?+", and "+/-" Patch Test Reactions (2020) Dermatitis, 31 (1), pp. 36-41</p> <p>Zondervan, R.L., Vaux, J.J., Blackmer, M.J., Brazier, B.G., Taunt, C.J. Improved outcomes in patients with positive metal sensitivity following revision total knee arthroplasty (2019) Journal of Orthopaedic Surgery and Research, 14 (1), art. no. 182</p> <p>Coppeta, L., Papa, F., Pietrojasti, A., De Zordo, L.M., Perrone, S., Barone, S., Magrini, A. Severe facial reaction to thiurams in surgeons (2019) Medycyna Pracy, 70 (1), pp. 121-124</p> <p>Uter, W., Bruze, M., Rustemeyer, T., Orton, D., Mahler, V. Re International survey on skin patch test procedures, attitudes and interpretation L.K. Tanno et al., WAOJ (2016) 9:8 (2017) World Allergy Organization Journal, 10 (1), art. no. 18</p> <p>Jensen-Jarolim, E., Fiocchi, A. World Allergy Organization Journal: the Editors Look Back at 2016 (2017) World Allergy Organization Journal, 10 (1), pp. 1-3</p> <p>Chen, Y.-X., Gao, B.-A., Cheng, H.-Y., Li, L.-F. Survey of Occupational Allergic Contact Dermatitis and Patch Test among Clothing Employees in Beijing (2017) BioMed Research International, 2017, art. no. 3102358</p>
Darlenski R., Fluhr J.W. In vivo Raman Confocal Spectroscopy in the Investigation of the Skin Barrier (2016) Current Problems in Dermatology (Switzerland), 49 , pp. 71-79.	Alfonso-Garcia, A., Bec, J., Weyers, B., Marsden, M., Zhou, X., Li, C., Marcu, L. Mesoscopic fluorescence lifetime imaging: Fundamental principles, clinical applications and future directions (2021) Journal of Biophotonics, 14 (6), art. no. e202000472 Knox, S., O'Boyle, N.M. Skin lipids in health and

disease: A review (2021) *Chemistry and Physics of Lipids*, 236, art. no. 105055

Alvarez-Figueroa, M.J., Narváez-Araya, D., Armijo-Escalona, N., Carrasco-Flores, E.A., González-Aramundiz, J.V. Design of Chitosan Nanocapsules with Compritol 888 ATO® for Imiquimod Transdermal Administration. Evaluation of Their Skin Absorption by Raman Microscopy (2020) *Pharmaceutical Research*, 37 (10), art. no. 195

Qassem, M., Kyriacou, P. Review of modern techniques for the assessment of skin hydration (2019) *Cosmetics*, 6 (1), art. no. 19

Wu, C., Gleysteen, J., Teraphongphom, N.T., Li, Y., Rosenthal, E. In-vivo optical imaging in head and neck oncology: Basic principles, clinical applications and future directions review-Article (2018) *International Journal of Oral Science*, 10 (2), art. no. 10

Da Costa, M.M., Alves, L.P., Osório, R.A.L., Pacheco, M.T.T., Silveira, L. Detecting active ingredients of insect repellents and sunscreens topically in skin by Raman spectroscopy (2018) *Journal of Biomedical Optics*, 23 (10), art. no. 107003

Choe, C.S., Schleusener, J., Lademann, J., Darvin, M.E. Human skin *in vivo* has a higher skin barrier function than porcine skin *ex vivo*—comprehensive Raman microscopic study of the stratum corneum (2018) *Journal of Biophotonics*, 11 (6), art. no. e201700355

Stettler, H., Kurka, P., Wagner, C., Sznurkowska, K., Czernicka, O., Böhling, A., Bielfeldt, S., Wilhelm, K.-P., Lenz, H. A new topical panthenol-containing emollient: skin-moisturizing effect following single and prolonged usage in healthy adults, and tolerability in healthy infants (2017) *Journal of Dermatological Treatment*, 28 (3), pp. 251-257

Schroeter, A., Stahlberg, S., Školová, B., Sonnenberger, S., Eichner, A., Huster, D., Vávrová, K., Hauß, T., Dobner, B., Neubert, R.H.H., Vogel, A. Phase separation in ceramide[NP] containing lipid model membranes: neutron diffraction and solid-state NMR (2017)

	<p>Soft Matter, 13 (10), pp. 2107-2119</p> <p>Mikulecky, M., Nigović, B. Raman spectroscopy in dermatology and cosmetology (2016) Farmaceutski Glasnik, 72 (12), pp. 833-844</p>
Darlenski R., Kazandjieva J., Tsankov N. Systemic drug reactions with skin involvement: Stevens-Johnson syndrome, toxic epidermal necrolysis, and DRESS (2015) Clinics in Dermatology, 33 (5) , pp. 538-541.	<p>Hayashi, M., Hamdy, D.A., Mahmoud, S.H. Applications for pharmacogenomics in pharmacy practice: A scoping review (2022) Research in Social and Administrative Pharmacy, 18 (7), pp. 3094-3118</p> <p>de Groot, A.C. Patch testing in drug reaction with eosinophilia and systemic symptoms (DRESS): A literature review (2022) Contact Dermatitis, 86 (6), pp. 443-479</p> <p>Sun, C., Muir, J. Morbilliform rash with deranged liver functions (2022) Australian Journal of General Practice, 51 (3), pp. 145-147</p> <p>de Groot, A.C. monographs in contact allergy, volume 4: Systemic drugs (2022) Monographs in Contact Allergy, Volume 4: Systemic Drugs, pp. 1-1031</p> <p>Naveed, S., Urrutia, V., Kaur, L., Marshall, J., Malik, S. Systemic adverse reactions to psychotropic medications: What do we need to know? (2021) Psychiatric Annals, 51 (9), pp. 421-426</p> <p>Rodríguez-León, J., Zegarra-Saavedra, M.E., Cruzado, L. Toxic epidermal necrolysis in an adolescent with Bipolar Disorder II and treated with Lamotrigine (2021) Revista Chilena de Neuro-Psiquiatria, 59 (2), pp. 159-167</p> <p>Sukasem, C., Pratoomwun, J., Satapornpong, P., Klaewsongkram, J., Rerkpattanapipat, T., Rernknimitr, P., Lertpichitkul, P., Puangpetch, A., Nakkam, N., Konyoung, P., Khunarkornsiri, U., Disphanurat, W., Srisuttiyakorn, C., Pattanacheewapull, O., Kanjanawart, S., Kongpan, T., Chumworathayi, P., Saksit, N., Bruminhent, J., Tassaneeyakul, W., Chanratita, W., Pirmohamed, M. Genetic Association of Co-Trimoxazole-Induced Severe Cutaneous Adverse Reactions Is Phenotype-Specific: HLA Class I Genotypes and Haplotypes (2020) Clinical Pharmacology and Therapeutics, 108 (5), pp. 1078-1089</p>

	<p>Menteşoğlu, D., Doğan Günaydın, S., Ersoy-Evans, S. Drug reaction with eosinophilia and systemic symptoms syndrome induced by apixaban (2020) Dermatologic Therapy, 33 (4), art. no. e13719</p> <p>Chu, C.-Y. Drug eruptions: Great imitators (2020) Clinics in Dermatology, 38 (2), pp. 193-207</p> <p>Hofniger, S., Roy, A., Schmidt, M. Stevens-Johnson syndrome after armodafnil use (2018) Journal of Clinical Sleep Medicine, 14 (5), pp. 885-887</p> <p>Guhl Millán, G., López-Bran, E. Toxic dermatitis (2018) Medicine (Spain), 12 (48), pp. 2846-2853</p> <p>Corneli, H.M. DRESS syndrome: Drug reaction with eosinophilia and systemic symptoms (2017) Pediatric Emergency Care, 33 (7), pp. 499-502</p> <p>Eginli, A., Shah, K., Watkins, C., Krishnaswamy, G. Stevens-Johnson syndrome and toxic epidermal necrolysis (2017) Annals of Allergy, Asthma and Immunology, 118 (2), pp. 143-147</p> <p>Wolski, T.P., Blasick, S., Blackford, M.G. The Case of the Previously Shaky, Unimmunized, Itchy Infant with Rash and Pancytopenia (2016) Clinical Pediatrics, 55 (14), pp. 1366-1368</p> <p>Csomor, J., Bunganič, B., Zakharov, S., Pařcůga, I., Sedloň, P., Urbaňek, P. Dangerous cucumbers - Leyll's syndrome (2016) Vnitřní Lekarství, 62 (1), pp. 57-61</p>
Kamouna B., Darlenski R., Kazandjieva J., Balabanova M., Dourmishev L., Negentsova Z., Etugov D., Mirchevska, B., Tsankov N. Complications of injected vitamin e as a filler for lip augmentation: Case series and therapeutic approach. (2015) Dermatologic Therapy, 28 (2) , pp. 94-97.	<p>Rauso, R., Fragola, R., Fasano, M., Zerbinati, N., Nicoletti, G.F., Lo Giudice, G. Surgical lip remodeling following permanent filler injection: A scoping review (2022) Journal of Craniofacial Surgery, 33 (2), pp. 557-561</p> <p>Abtahi-Naeini, B., Rastegarnasab, F., Saffaei, A. Liquid vitamin E injection for cosmetic facial rejuvenation: A disaster report of lipogranuloma (2022) Journal of Cosmetic Dermatology</p> <p>Ehsani, A.H., Ansari, M.S., Ghanadan, A., Mehdizade Rayeni, N., Noormohammad Poor, P., Ansari, M. Serious complication as a result of lip augmentation with vitamin E (2019) Journal of Cosmetic Dermatology, 18 (6), pp. 1632-1634.</p>

	<p>Torre, K., Murphy, M., Ricketts, J. Facial lipogranulomas due to self-injection of vitamin A oil (2019) International Journal of Women's Dermatology, 5 (2), pp. 126-128</p> <p>Sarac, G., Kapicioglu, Y., Sener, S., Cenk, H., Akatli, A. Management of complications of vitamin E injections into the face (2018) Dermatologic Therapy, 31 (5), art. no. e12621</p> <p>Durdu, M., Bozca, C., Koçer, N.E. Filler reactions: Case report and review of the literature (2017) Turk Dermatoloji Dergisi, 11 (3), pp. 131-138.</p> <p>Zhang, F., Chen, Y. Lipogranuloma after facial cosmetic procedures (2017) Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 123 (4), pp. e123-e132.</p> <p>Patel, D., Holaway, C.S., Thomas, S., Parihar, H., Wu, Z., Bickett, S., Mody, V.V. Vitamins, Amino Acids, and Drugs and Formulations Used in Nutrition (2016) Side Effects of Drugs Annual, 38, pp. 355-364</p>
Zheleva D., Darlenski R., Obreshkova E., Balabanova M., Tsankov N. Unilateral eyelid involvement as single presentation of discoid lupus erythematosus: A clinical conundrum (2015) Acta Dermatovenerologica Croatica, 23 (1), pp. 48-51.	<p>Wang, X., Wang, P., Wang, M., Huang, X., Wang, C., Qu, X., Xu, J., Lu, Y., Chai, B., Huang, C. Discoid lupus erythematosus solely involving the eyelids: case report and literature review (2021) International Journal of Dermatology, 60 (10), pp. 1190-1198</p>
Fluhr J.W., Lachmann N., Baudouin C., Msika P., Darlenski R., De Belilovsky C., Bossert J., Colomb E., Burdin B., Haftek M. Development and organization of human stratum corneum after birth: Electron microscopy isotropy score and immunocytochemical corneocyte labelling as epidermal maturation's markers in infancy (2014) British Journal of Dermatology, 171 (5), pp. 978-986.	<p>Shima, K., Inoue, T., Uehara, Y., Iwamura, M., Fukagawa, S., Kuwano, T., Tanida, K., Takada, N., Saito-Abe, M., Yamamoto-Hanada, K., Ohya, Y., Murase, T. Non-invasive transcriptomic analysis using mRNAs in skin surface lipids obtained from children with mild-to-moderate atopic dermatitis (2022) Journal of the European Academy of Dermatology and Venereology, 36 (9), pp. 1477-1485</p> <p>Pavel, P., Blunder, S., Moosbrugger-Martinz, V., Elias, P.M., Dubrac, S. Atopic Dermatitis: The Fate of the Fat (2022) International Journal of Molecular Sciences, 23 (4), art. no. 2121,</p> <p>Schachner, L.A., Blume-Peytavi, U., Andriessen, A., Izakovic, J., Maruani, A., Micali, G., Murashkin, N., Salavastru, C., Torrelo, A. Expert consensus on ceramides containing skincare in newborns and infants and potential mitigation of atopic dermatitis (2022) Italian Journal of</p>

Dermatology and Venereology, 157 (1), pp. 23-32

Dumbuya, H., Yan, X., Chen, Y., Wangari-Olivero, J., Lynch, S., Brieva, P., Zheng, Q., Bouez, C. Efficacy of ceramide-containing formulations on UV-induced skin surface barrier alterations (2021) Journal of Drugs in Dermatology, 20 (4), pp. S29-S35

Évora, A.S., Adams, M.J., Johnson, S.A., Zhang, Z. Corneocytes: Relationship between structural and biomechanical properties (2021) Skin Pharmacology and Physiology, 34 (3), pp. 146-161

Boyer, G., De Belilovsky, C., Brédif, S., Baudouin, C., Misery, L., Bellemère, G. Clinical and instrumental exploration of sensitive skin in a pediatric population (2021) Cosmetics, 8 (2), art. no. 43

Haftek, M., McAleer, M.A., Jakasa, I., McLean, W.H.I., Kezic, S., Irvine, A.D. Changes in nano-mechanical properties of human epidermal cornified cells in children with atopic dermatitis (2020) Wellcome Open Research, 5, art. no. 97

August, D., van der Vis, K.M., New, K. Conceptualising skin development diagrammatically from foetal and neonatal scientific evidence (2019) Journal of Neonatal Nursing, 25 (6), pp. 311-314

Fluhr, J.W., Bellemère, G., Ferrari, C., De Belilovsky, C., Boyer, G., Lachmann, N., McGuckin, C.P., Forraz, N., Darlenski, R., Chadoutaud, B., Msika, P., Baudouin, C., Pellacani, G. Age-Dependent Transformation of Skin Biomechanical Properties and Micromorphology during Infancy and Childhood (2019) Journal of Investigative Dermatology, 139 (2), pp. 464-466

Riethmüller, C. Assessing the skin barrier via corneocyte morphometry (2018) Experimental Dermatology, 27 (8), pp. 923-930

Athanasopoulos, D., Svarnas, P., Ladas, S., Kennou, S., Koutsoukos, P. On the wetting properties of human stratum corneum epidermidis surface exposed to cold atmospheric-pressure pulsed plasma (2018) Applied Physics Letters,

112 (21), art. no. 213703

Murashkin, N.N., Ambarchian, E.T., Epishev, R.V., Materikin, A.I., Fedorov, D.V. Contemporary view of the structural and functional peculiarities of the skin, items of care and prevention of dermatological pathology in infants (2018) Voprosy Sovremennoi Pediatrii - Current Pediatrics, 17 (4), pp. 341-345.

Liu, Q., Zhang, Y., Danby, S.G., Cork, M.J., Stamatou, G.N. Infant Skin Barrier, Structure, and Enzymatic Activity Differ from Those of Adult in an East Asian Cohort (2018) BioMed Research International, 2018, art. no. 1302465

Bender, J.K., Faergemann, J., Sköld, M. Skin Health Connected to the Use of Absorbent Hygiene Products: A Review (2017) Dermatology and Therapy, 7 (3), pp. 319-330

Kollias, N., Stamatou, G.N. Infant skin maturation: Structural changes revealed by in vivo reflectance confocal microscopy and future perspectives (2017) Reflectance Confocal Microscopy of Cutaneous Tumors, Second Edition, pp. 129-140

Chittock, J., Cooke, A., Lavender, T., Brown, K., Wigley, A., Victor, S., Cork, M.J., Danby, S.G. Development of stratum corneum chymotrypsin-like protease activity and natural moisturizing factors from birth to 4 weeks of age compared with adults (2016) British Journal of Dermatology, 175 (4), pp. 713-720

August, D., Kandasamy, Y. Significance of antenatal glucocorticoid exposure for pressure injury prevalence in neonates (2016) Journal of Neonatal-Perinatal Medicine, 9 (1), pp. 23-29.

Riethmuller, C., McAleer, M.A., Koppes, S.A., Abdayem, R., Franz, J., Haftek, M., Campbell, L.E., MacCallum, S.F., McLean, W.H.I., Irvine, A.D., Kezic, S. Filaggrin breakdown products determine corneocyte conformation in patients with atopic dermatitis (2015) Journal of Allergy and Clinical Immunology, 136 (6), pp. 1573-1580.e2

Wobser, M., Ernestus, K., Hamm, H. Pediatric dermatohistopathology - histopathology of skin diseases in newborns and infants (2015) JDDG -

	<p>Journal of the German Society of Dermatology, 13 (6), pp. 535-548</p> <p>Hirschberg, H.J.H.B., Van Riet, E., Oosterhoff, D., Bouwstra, J.A., Kersten, G.F.A. Animal models for cutaneous vaccine delivery (2015) European Journal of Pharmaceutical Sciences, 71, pp. 112-122</p> <p>Haftek, M. 'Memory' of the stratum corneum: Exploration of the epidermis' past (2014) British Journal of Dermatology, 171, pp. 6-9</p>
Darlenski R., Kazandjieva J., Fluhr J.W., Maurer M., Tsankov N. Lactic acid sting test does not differentiate between facial and generalized skin functional impairment in sensitive skin in atopic dermatitis and rosacea. (2014) Journal of Dermatological Science, 76 (2) , pp. 151-153.	<p>Jiang, W., Wang, J., Zhang, H., Xu, Y., Jiang, C., Yang, J., Liu, W., Tan, Y. Seasonal changes in the physiological features of healthy and sensitive skin (2022) Journal of Cosmetic Dermatology, 21 (6), pp. 2581-2589</p> <p>Jiang, W.-C., Zhang, H., Xu, Y., Jiang, C., Xu, Y., Liu, W., Tan, Y. Cutaneous vessel features of sensitive skin and its underlying functions (2020) Skin Research and Technology, 26 (3), pp. 431-437</p> <p>Ye, C., Chen, J., Yang, S., Yi, J., Chen, H., Li, M., Yin, S., Lai, W., Zheng, Y. Skin sensitivity evaluation: What could impact the assessment results? (2020) Journal of Cosmetic Dermatology, 19 (5), pp. 1231-1238</p> <p>Chlebus, E., Chlebus, M., Szmurło, A., Dąbrowa, K. Is contact allergy to preservatives, antioxidants and fragrances an additional factor influencing the treatment rosacea? (2020) Przeglad Dermatologiczny, 107 (3), pp. 210-227</p> <p>Ding, D.-M., Tu, Y., Man, M.-Q., Wu, W.-J., Lu, F.-Y., Li, X., Li, Y., Yang, J.-T., Jin, Y.-M., Yang, C.-Y., He, L. Association between lactic acid sting test scores, self-assessed sensitive skin scores and biophysical properties in Chinese females (2019) International Journal of Cosmetic Science</p> <p>Suchonwanit, P., Triyangkulsri, K., Ploydaeng, M., Leerunyakul, K. Assessing Biophysical and Physiological Profiles of Scalp Seborrheic Dermatitis in the Thai Population (2019) BioMed Research International, 2019, art. no. 5128376</p> <p>Fluhr, J.W., Zuberbier, T., Darlenski, R. Noninvasive measures in atopic dermatitis (2018) Current Opinion in Allergy and Clinical</p>

Immunology, 18 (5), pp. 417-424.

Wohlrab, J., Gebert, A. PH and Buffer Capacity of Topical Formulations (2018) Current Problems in Dermatology (Switzerland), 54, pp. 123-131.

Yatagai, T., Shimauchi, T., Yamaguchi, H., Sakabe, J.-I., Aoshima, M., Ikeya, S., Tatsuno, K., Fujiyama, T., Ito, T., Ojima, T., Tokura, Y. Sensitive skin is highly frequent in extrinsic atopic dermatitis and correlates with disease severity markers but not necessarily with skin barrier impairment (2018) Journal of Dermatological Science, 89 (1), pp. 33-39.

Cheape, A.C., Murrell, D.F. 2% Crisaborole topical ointment for the treatment of mild-to-moderate atopic dermatitis (2017) Expert Review of Clinical Immunology, 13 (5), pp. 415-423

Ma, Y.-F., Yuan, C., Jiang, W.-C., Wang, X.-L., Humbert, P. Reflectance confocal microscopy for the evaluation of sensitive skin (2017) Skin Research and Technology, 23 (2), pp. 227-234.

Rodrigues, L.M., Silva, H., Rosado, C. Dynamic quantification of the human skin barrier in sensitive skin syndrome (2017) Sensitive Skin Syndrome, Second Edition, pp. 83-89

Zane, L.T., Hughes, M.H., Shakib, S. Tolerability of Crisaborole Ointment for Application on Sensitive Skin Areas: A Randomized, Double-Blind, Vehicle-Controlled Study in Healthy Volunteers (2016) American Journal of Clinical Dermatology, 17 (5), pp. 519-526

Sun, L., Wang, X., Zhang, Y., Wang, T., Li, X., Ma, Y. The evaluation of neural and vascular hyper-reactivity for sensitive skin (2016) Skin Research and Technology, 22 (3), pp. 381-387

Lee, H.-J., Yang, N.-W., Choi, J.-Y., Lee, J.-B., Lee, S.-C. CSP0510 lotion as a novel moisturizer containing citric acid and trisodium phosphate relieves objective and subjective symptoms of atopic dermatitis (2016) Annals of Dermatology, 28 (3), pp. 344-351

Lee, W.J., Jung, J.M., Lee, Y.J., Won, C.H., Chang, S.E., Choi, J.H., Moon, K.C., Lee, M.W. Histopathological analysis of 226 patients with

	<p>rosacea according to rosacea subtype and severity (2016) American Journal of Dermatopathology, 38 (5), pp. 347-352</p> <p>Misery, L., Loser, K., Ständer, S. Sensitive skin (2016) Journal of the European Academy of Dermatology and Venereology, 30, pp. 2-8.</p>
Darlenski R., Kazandjieva J., Tsankov N. Phytodermatitis to Euphorbia trigona (2014) SKINmed, 12 (4) , pp. 253-255.	<p>Ono, T., Mori, Y., Nejima, R., Iwasaki, T., Miyai, T., Ohtani, S., Miyata, K. Corneal Edema with Anterior Uveitis after Exposure to the Sap of Euphorbia trigona: A Case Report (2021) Case Reports in Ophthalmology, 12 (2), pp. 699-705</p> <p>Elmas, Ö.F. Irritant contact dermatitis due to Euphorbia trigona (2020) Contact Dermatitis, 82 (4), pp. 234-235</p> <p>Huerth, K.A., Hawkes, J.E., Meyer, L.J., Powell, D.L. The Scourge of the Spurge Family - An Imitator of Rhus Dermatitis (2016) Dermatitis, 27 (6), pp. 372-381</p>
Fluhr J.W., Darlenski R. Transepidermal water loss (TEWL) (2014) Non Invasive Diagnostic Techniques in Clinical Dermatology, , pp. 353-356.	<p>Brites, G., Basso, J., Miranda, M., Miguel Neves, B., Vitorino, C., Cruz, M.T. Development of a new hydrogel for the prevention of allergic contact dermatitis (2022) International Journal of Pharmaceutics, 628, art. no. 122265</p> <p>Gao, J., Ma, S., Zhao, X., Wen, J., Hu, D., Zhao, X., Shi, X., Wang, K. Dual-labeled visual tracer system for topical drug delivery by nanoparticle-triggered P-glycoprotein silencing (2021) Chinese Chemical Letters, 32 (12), pp. 3954-3961.</p> <p>Keshavarzi, F., Zajforoushan Moghaddam, S., Barré Pedersen, M., Østergaard Knudsen, N., Jafarzadeh, S., Thormann, E. Water vapor permeation through topical films on a moisture-releasing skin Model (2021) Skin Research and Technology, 27 (2), pp. 153-162</p> <p>Law, M., Jarrett, P., Nater, U.M., Skoluda, N., Broadbent, E. The Effects of Sensory Enrichment after a Laboratory Stressor on Human Skin Barrier Recovery in a Randomized Trial (2020) Psychosomatic Medicine, 82 (9), pp. 877-886</p> <p>Aguirre-Cruz, G., León-López, A., Cruz-Gómez, V., Jiménez-Alvarado, R., Aguirre-álvarez, G. Collagen hydrolysates for skin protection: Oral administration and topical formulation (2020) Antioxidants, 9 (2), art. no. 181</p>

	<p>Nešić, I., Savić, V., Kolarević, A. Investigation of efficacy of anti-aging liposomal intimate gel: An in vivo long-term study (2020) <i>Acta Facultatis Medicae Naissensis</i>, 37 (1), pp. 48-56</p> <p>Forner, C., Zeidler, C., Stein, P., Stössel, E., Wefelmeier, L., Peukert, N., Isermann, D., Ständer, S. Woad extract containing cream improves significantly dry, irritated, and pruritic skin (2019) <i>Dermatologic Therapy</i>, 32 (4), art. no. e12939</p> <p>Shen, Y.-Y., Boppana, A., Arquilla, K., Anderson, A.P. Wearable sensor suit system for quantifying human-spacesuit interactions (2018) <i>IEEE Aerospace Conference Proceedings</i>, 2018-March, pp. 1-13</p> <p>Du Plessis, J.L., Stefaniak, A.B. Biometrology guidelines for the in vivo assessment of transepidermal water loss and skin hydration in nonclinical settings (2017) <i>Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition</i>, pp. 933-943</p> <p>Rayner, R., Carville, K., Leslie, G., Dhaliwal, S.S. Measurement of morphological and physiological skin properties in aged care residents: a test-retest reliability pilot study (2017) <i>International Wound Journal</i>, 14 (2), pp. 420-429</p> <p>Hadi, H., Awadh, A.I., Hanif, N.M., Md Sidik, N.F.A., Mohd Rani, M.R.N., Suhaimi, M.S.M. The investigation of the skin biophysical measurements focusing on daily activities, Skin care habits, And gender differences (2016) <i>Skin Research and Technology</i>, 22 (2), pp. 247-254</p>
Darlenski R., Fluhr J.W., Lademann J. Stripping techniques: Tape stripping (2014) <i>Non Invasive Diagnostic Techniques in Clinical Dermatology</i> , , pp. 287-292.	Brainina, K.Z., Markina, M.G., Stozhko, N.Y. Optimized Potentiometric Assay for Non-invasive Investigation of Skin Antioxidant Activity (2018) <i>Electroanalysis</i> , 30 (10), pp. 2405-2412
Darlenski R., Kazandjieva J., Zuberbier T., Tsankov N. Chronic urticaria as a systemic disease. (2014) <i>Clinics in Dermatology</i> , 32 (3) , pp. 420-423.	Hung, H.Y., Song, T., Loo, S.K.F., Chan, K.L., Ching, J.Y.L., Sum, C.H., Lo, L.C.W., Chia, S.C.P., Ho, R.T.M., Cheong, P.K., Siu, T.H.C., Leung, K.C., Lin, Z.-X. Efficacy and safety of modified Xiao-Feng Powder in the treatment of chronic urticaria: protocol of a randomized double-blind placebo-controlled study (2022) <i>Chinese Medicine (United Kingdom)</i> , 17 (1), art. no. 87

Atayik, E., Aytekin, G. The course of COVID-19 in patients with chronic spontaneous urticaria receiving omalizumab treatment (2022) Revue Francaise d'Allergologie, 62 (8), pp. 684-688

Ihim, S.A., Abubakar, S.D., Zian, Z., Sasaki, T., Saffarioun, M., Maleknia, S., Azizi, G. Interleukin-18 cytokine in immunity, inflammation, and autoimmunity: Biological role in induction, regulation, and treatment (2022) Frontiers in Immunology, 13, art. no. 919973

Vurgun, E., Memet, B., Etikan, P., Guntas, G., Kocaturk, E. Serum clusterin levels are not associated with chronic spontaneous urticaria regardless of serum lipids (2022) Minerva Dental and Oral Science, 157 (4), pp. 325-329

Agondi, R.C., Argôlo, P.N., Mousinho-Fernandes, M., Gehlen, B., Kalil, J., Motta, A.A. Multiple comorbidities in patients with long-lasting chronic spontaneous urticaria (2022) Anais Brasileiros de Dermatologia

Visser, M.J.E., Tarr, G., Pretorius, E. Thrombosis in Psoriasis: Cutaneous Cytokine Production as a Potential Driving Force of Haemostatic Dysregulation and Subsequent Cardiovascular Risk (2021) Frontiers in Immunology, 12, art. no. 688861,

Grumach, A.S., Staubach-Renz, P., Villa, R.C., Diez-Zuluaga, S., Reese, I., Lumry, W.R. Triggers of Exacerbation in Chronic Urticaria and Recurrent Angioedema—Prevalence and Relevance (2021) Journal of Allergy and Clinical Immunology: In Practice, 9 (6), pp. 2160-2168

Ben Brahim, M., Soua, Y., Toumi, M., Korbi, M., Lahouel, I., Belhadjali, H., Youssef, M., Zili, J. Chronic Urticaria: From diagnosis to treatment in a Tunisian population (2021) Revue Francaise d'Allergologie, 61 (3), pp. 141-144.

Guo, Y., Li, H.-M., Zhu, W.-Q., Li, Z. Role of helicobacter pylori eradication in chronic spontaneous urticaria: A propensity score matching analysis (2021) Clinical, Cosmetic and Investigational Dermatology, 14, pp. 129-136

Bansal, R.A., Bansal, A.S. Exacerbating Factors in Chronic Spontaneous Urticaria (2020) Current

	Treatment Options in Allergy, 7 (2), pp. 142-154.
	Kannenberg, S.M., Karabus, S., Visser, W.I., Aboobaker, J., Kriel, M.M., Levin, M., Magigaba, B., Manjra, A., Misra, R., Mpofu, P., Tshigabe, A., Luger, T. Paediatric atopic eczema (Atopic dermatitis) in south africa: A practical algorithm for the management of mild-to-moderate disease in daily clinical practice (2020) South African Family Practice, 62 (1), art. no. a5190, pp. 1-9
	Chung, B.Y., Um, J.-Y., Kang, S.Y., Kim, H.O., Park, C.W. Natural history of chronic urticaria in Korea (2020) Annals of Dermatology, 32 (1), pp. 38-46
	Zabolinejad, N., Molkara, S., Bakhshodeh, B., Ghaffari-Nazari, H., Khoshkhui, M. The expression of serotonin transporter protein in the skin of patients with chronic spontaneous urticaria and its relation with depression and anxiety (2019) Archives of Dermatological Research, 311 (10), pp. 825-831
	Lu, W., Chen, B., Wang, C., Yang, X., Zhou, C. Serum amyloid a levels in acute and chronic urticaria (2019) Anais Brasileiros de Dermatologia, 94 (4), pp. 411-415
	Pinheiro, R.P., Moraes, M.A., Santos, B.C.S., Fabri, R.L., Del-Vechio-Vieira, G., Yamamoto, C.H., Araújo, A.L.S.M., Araújo, A.L.A., Sousa, O.V. Identification of compounds from <i>Palicourea rigida</i> leaves with topical anti-inflammatory potential using experimental models (2018) Inflammopharmacology, 26 (4), pp. 1005-1016
	Godse, K., De, A., Zawar, V., Shah, B., Girdhar, M., Rajagopalan, M., Krupashankar, D.S. Consensus statement for the diagnosis and treatment of urticaria: A 2017 update (2018) Indian Journal of Dermatology, 63 (1), pp. 2-15.
	Eskeland, S., Halvorsen, J.A., Tanum, L. Antidepressants have anti-inflammatory effects that may be relevant to dermatology: A systematic review (2017) Acta Dermato-Venereologica, 97 (8), pp. 897-905
	Goyal, V., Gupta, A., Gupta, O., Lal, D., Gill, M. Comparative efficacy and safety of ebastine 20 mg, ebastine 10 mg and levocetirizine 5 mg in

acute urticaria (2017) Journal of Clinical and Diagnostic Research, 11 (3), pp. WC06-WC09

Rodrigues, K.C.M., Chibli, L.A., Santos, B.C.S., Temponi, V.S., Pinto, N.C.C., Scio, E., Del-Vechio-Vieira, G., Alves, M.S., Sousa, O.V. Evidence of bioactive compounds from vernonia polyanthes leaves with topical Anti-Inflammatory potential (2016) International Journal of Molecular Sciences, 17 (12), art. no. 1929

Marques, R.Z.S., Criado, R.F.J., Machado Filho, C.D.S., Tamanini, J.M., Mello, C.B.G., Speyer, C. Correlation between the histopathology of chronic urticaria and its clinical picture (2016) Anais Brasileiros de Dermatologia, 91 (6), pp. 760-763.

Dionigi, P.C.L., Menezes, M.C.S., Forte, W.C.N. A prospective ten-year follow-up of patients with chronic urticaria (2016) Allergologia et Immunopathologia, 44 (4), pp. 286-291

Göncü, E.K., Aktan, Ş., Atakan, N., Başkan, E.B., Erdem, T., Koca, R., Şavk, E., Taşkapan, O., Utaş, S. The Turkish guideline for the diagnosis and management of urticaria-2016 (2016) Turkderm Deri Hastalıkları ve Frengi Arsivi, 50 (3), pp. 82-98

Lu, T., Jiao, X., Si, M., He, P., Zou, J., Zhang, S., Zeng, K. The Correlation of Serums CCL11, CCL17, CCL26, and CCL27 and Disease Severity in Patients with Urticaria (2016) Disease Markers, 2016, art. no. 1381760

Giménez-Arnau, A.M., Grattan, C., Zuberbier, T., Toubi, E., Maurer, M. An individualized diagnostic approach based on guidelines for chronic urticaria (CU) (2015) Journal of the European Academy of Dermatology and Venereology, 29 (S3), pp. 3-11

Poliak, N., Chang, C. Epigenetics of Allergic and Inflammatory Skin Diseases (2015) Epigenetics and Dermatology, pp. 275-306.

Grzanka, A., Damasiewicz-Bodzek, A., Machura, E., Szumska, M., Tyrpień-Golder, K., Mazur, B., Kasperska-Zajac, A. Chronic spontaneous urticaria is characterized by lower serum advanced glycation end-products (2014) BioMed Research International, 2014, art. no. 974154

Darlenski R., Kazandjieva J., Hristakieva E., Fluhr J.W. Atopic dermatitis as a systemic disease. (2014) Clinics in Dermatology, 32 (3), pp. 409-413.	Almenara-Blasco, M., Carmona-Pírez, J., Gracia-Cazaña, T., Poblador-Plou, B., Pérez-Gilaberte, J.B., Navarro-Bielsa, A., Gimeno-Miguel, A., Prados-Torres, A., Gilaberte, Y. Comorbidity Patterns in Patients with Atopic Dermatitis Using Network Analysis in the EpiChron Study (2022) Journal of Clinical Medicine, 11 (21), art. no. 6413
	Mießner, H., Seidel, J., Smith, E.S.J. In vitro models for investigating itch (2022) Frontiers in Molecular Neuroscience, 15, art. no. 984126
	Qiao, Y., Qiao, L., Chen, Z., Liu, B., Gao, L., Zhang, L. Wearable Sensor for Continuous Sweat Biomarker Monitoring (2022) Chemosensors, 10 (7), art. no. 273
	Paller, A.S., Mina-Osorio, P., Vekeman, F., Boklage, S., Mallya, U.G., Ganguli, S., Kaur, M., Robitaille, M.-N., Siegfried, E.C. Prevalence of type 2 inflammatory diseases in pediatric patients with atopic dermatitis: Real-world evidence (2022) Journal of the American Academy of Dermatology, 86 (4), pp. 758-765
	Costanzo, A., Amerio, P., Asero, R., Chiricozzi, A., Corazza, M., Cristaudo, A., Cusano, F., Ferrucci, S.M., Nettis, E., Patrizi, A., Patruno, C., Peris, K., Picozza, M., Stingeni, L., Girolomoni, G. Long-term management of moderate-to-severe adult atopic dermatitis: A consensus by the Italian Society of Dermatology and Venereology (SIDeMaST), the Association of Italian Territorial and Hospital Allergists and Immunologists (AAIITO), the Italian Association of Hospital Dermatologists (ADOI), the Italian Society of Allergological, Environmental and Occupational Dermatology (SIDAPA), and the Italian Society of Allergy, Asthma and Clinical Immunology (SIAAIC) (2022) Italian Journal of Dermatology and Venereology, 157 (1), pp. 1-12
	Hua, C., Chen, S., Cheng, H. Therapeutic potential of mesenchymal stem cells for refractory inflammatory and immune skin diseases (2022) Human Vaccines and Immunotherapeutics, art. no. 2144667, .
	Qureshi, S., Venkateswaran, N. Atopic Keratoconjunctivitis: Diagnosis and Treatment (2022) Current Ophthalmology Reports

Kim, J.H., Yi, Y.Y., Ha, E.K., Cha, H.R., Han, M.Y., Baek, H.-S. Neurodevelopment at 6 years of age in children with atopic dermatitis (2022) Allergology International, .

Bakulev, A.L., Vishneva, E.A., Elisutina, O.G., Ilyina, N.I., Karamova, A.E., Kokhan, M.M., Kubanov, A.A., Monakhov, K.N., Namazova-Baranova, L.S., Novik, G.A., Olisova, O.Yu., Revyakina, V.A., Sokolovskiy, E.V., Fedenko, E.S., Khobeysh, M.M. Resolution of the Working Meeting of Experts in “Dermatology”: Possibilities of systemic therapy of atopic dermatitis with selective immunosuppressants (2022) Russian Journal of Allergy, 19 (2), pp. 259-269

Patel, S., Cooper, M.N., Jones, H., Whitehouse, A.J.O., Dale, R.C., Guastella, A.J. Maternal immune-related conditions during pregnancy may be a risk factor for neuropsychiatric problems in offspring throughout childhood and adolescence (2021) Psychological Medicine, 51 (16), pp. 2904-2914

Hassan, S., Hamideh, N., Poulos, C., Cheema, S., Rangwani, S., Lio, P.A. Atopic Dermatitis Biomarkers and the Movement Toward Personalized Treatment (2021) Dermatitis, 32 (1), pp. S8-S14.

Persechino, F., Galli, G., Persechino, S., Valitutti, F., Zenzeri, L., Mauro, A., Corleto, V.D., Parisi, P., Ziparo, C., Evangelisti, M., Quatrale, G., Di Nardo, G. Skin manifestations and coeliac disease in paediatric population (2021) Nutrients, 13 (10), art. no. 3611

Atopic dermatitis—beyond the skin (2021) Diagnostics, 11 (9), art. no. 1553

Pan, T.-L., Bai, Y.-M., Cheng, C.-M., Tsai, S.-J., Tsai, C.-F., Su, T.-P., Li, C.-T., Lin, W.-C., Chen, T.-J., Liang, C.-S., Chen, M.-H. Atopic dermatitis and dementia risk: A nationwide longitudinal study (2021) Annals of Allergy, Asthma and Immunology, 127 (2), pp. 200-205

Lee, H.-S., Kim, E.-N., Kim, G.-R., Jeong, G.-S. Persimmon leaf extract protects mice from atopic dermatitis by inhibiting T cell activation via

regulation of the JNK pathway (2021)
Phytotherapy Research, 35 (5), pp. 2545-2556

Herrmann, I., Kradišchnig, C., Skor, O., Pakozdy, A., Panakova, L. Higher prevalence of seizure activity in a small population of atopic dogs: a retrospective breed- and age-matched study (2021) Veterinary Dermatology, 32 (2), pp. 126-e27

Garcovich, S., Maurelli, M., Gisondi, P., Peris, K., Yosipovitch, G., Girolomoni, G. Pruritus as a distinctive feature of type 2 inflammation (2021) Vaccines, 9 (3), art. no. 303

Glickman, J.W., Dubin, C., Renert-Yuval, Y., Dahabreh, D., Kimmel, G.W., Auyeung, K., Estrada, Y.D., Singer, G., Krueger, J.G., Pavel, A.B., Guttman-Yassky, E. Cross-sectional study of blood biomarkers of patients with moderate to severe alopecia areata reveals systemic immune and cardiovascular biomarker dysregulation (2021) Journal of the American Academy of Dermatology, 84 (2), pp. 370-380.

Lee, D.-H., Park, J.-K., Choi, J., Jang, H., Seol, J.-W. Anti-inflammatory effects of natural flavonoid diosmetin in IL-4 and LPS-induced macrophage activation and atopic dermatitis model (2020) International Immunopharmacology, 89, art. no. 107046

Patel, S., Dale, R.C., Rose, D., Heath, B., Nordahl, C.W., Rogers, S., Guastella, A.J., Ashwood, P. Maternal immune conditions are increased in males with autism spectrum disorders and are associated with behavioural and emotional but not cognitive co-morbidity (2020) Translational Psychiatry, 10 (1), art. no. 286

Kang, L.-J., Oh, E., Cho, C., Kwon, H.K., Lee, C.-G., Jeon, J., Lee, H., Choi, S., Han, S.J., Nam, J., Song, C.-U., Jung, H., Kim, H.Y., Park, E.-J., Choi, E.-J., Kim, J., Eyun, S.-I., Yang, S. 3'-Sialyllactose prebiotics prevents skin inflammation via regulatory T cell differentiation in atopic dermatitis mouse models (2020) Scientific Reports, 10 (1), art. no. 5603

Lee, H., Lee, J.H., Koh, S.-J., Park, H. Bidirectional relationship between atopic dermatitis and inflammatory bowel disease: A

systematic review and meta-analysis (2020) Journal of the American Academy of Dermatology, 83 (5), pp. 1385-1394

Shi, X., Chen, Q., Wang, F. The Bidirectional Association between Inflammatory Bowel Disease and Atopic Dermatitis: A Systematic Review and Meta-Analysis (2020) Dermatology, 236 (6), pp. 546-553

Moore, R., Anturaniemi, J., Velagapudi, V., Nandania, J., Barrouin-Melo, S.M., Hielm-Björkman, A. Targeted Metabolomics With Ultraperformance Liquid Chromatography–Mass Spectrometry (UPLC-MS) Highlights Metabolic Differences in Healthy and Atopic Staffordshire Bull Terriers Fed Two Different Diets, A Pilot Study (2020) Frontiers in Veterinary Science, 7, art. no. 554296

Diaconeasa, Z., řtirbu, I., Xiao, J., Leopold, N., Ayvaz, Z., Danciu, C., Ayvaz, H., Stănilă, A., Nistor, M., Socaciu, C. Anthocyanins, vibrant color pigments, and their role in skin cancer prevention (2020) Biomedicines, 8 (9), art. no. 336

Choi, E.-J., Cho, K.C., Kim, J. High-intensity resistance training suppresses exacerbation of atopic dermatitis in mice (2020) Exercise Science, 29 (4), pp. 443-449

Lee, J., Kim, B., Chu, H., Zhang, K., Kim, H., Kim, J.H., Kim, S.H., Pan, Y., Noh, J.Y., Sun, Z., Lee, J., Jeong, K.Y., Park, K.H., Park, J.-W., Kupper, T.S., Park, C.O., Lee, K.H. FABP5 as a possible biomarker in atopic march: FABP5-induced Th17 polarization, both in mouse model and human samples (2020) EBioMedicine, 58, art. no. 102879,

Lee, J.-H., Lim, J.-Y., Jo, E.H., Noh, H.M., Park, S., Park, M.C., Kim, D.-K. Chijabyukpi-Tang Inhibits Pro-Inflammatory Cytokines and Chemokines via the Nrf2/HO-1 Signaling Pathway in TNF- α /IFN- γ -Stimulated HaCaT Cells and Ameliorates 2,4-Dinitrochlorobenzene-Induced Atopic Dermatitis-Like Skin Lesions in Mice (2020) Frontiers in Pharmacology, 11, art. no. 1018

Wang, C.-H., Fu, Y., Chi, C.-C. Association of

atopic dermatitis with inflammatory bowel disease: A systematic review and meta-analysis (2020) *Dermatologica Sinica*, 38 (3), pp. 159-165

Pietruszyńska, M., Zawadzka-Krajewska, A., Duda, P., Rogowska, M., Grabska-Liberek, I., Kulus, M. Ophthalmic manifestations of atopic dermatitis (2020) *Postepy Dermatologii i Alergologii*, 37 (2), pp. 174-179

Lee, S., Jegal, H., Bong, S.-K., Yoon, K.-N., Park, N.-J., Shin, M.-S., Yang, M.H., Kim, Y.K., Kim, S.-N. Anti-atopic effect of acorn shell extract on atopic dermatitis-like lesions in mice and its active phytochemicals (2020) *Biomolecules*, 10 (1), art. no. 57

Burg, G. Changes in color of the skin and systemic disease (2019) *Clinics in Dermatology*, 37 (6), pp. 610-617

Korotkiy, N.G, Botkina, A.S. Corneotherapy for atopic dermatitis in children (2019) *Pediatriya - Zhurnal im G.N. Speranskogo*, 98 (5), pp. 122-127

Park, J.-H., Ahn, E.-K., Ko, H.-J., Lee, J.Y., Hwang, S.-M., Ko, S., Oh, J.S. Korean red ginseng water extract alleviates atopic dermatitis-like inflammatory responses by negative regulation of mitogen-activated protein kinase signaling pathway in vivo (2019) *Biomedicine and Pharmacotherapy*, 117, art. no. 109066,

Čepelak, I., Dodig, S., Pavić, I. Filaggrin and atopic march (2019) *Biochimia Medica*, 29 (2), art. no. 020501, pp. 214-227

Kramer, N.E., Cosgrove, V.E., Dunlap, K., Subramaniapillai, M., McIntyre, R.S., Suppes, T. A clinical model for identifying an inflammatory phenotype in mood disorders (2019) *Journal of Psychiatric Research*, 113, pp. 148-158

Reda, A.M., Elgendi, A., Ebraheem, A.I., Aldraibi, M.S., Qari, M.S., Abdulghani, M.M.R., Luger, T. A practical algorithm for topical treatment of atopic dermatitis in the Middle East emphasizing the importance of sensitive skin areas (2019) *Journal of Dermatological Treatment*, 30 (4), pp. 366-373

Huang, W.-C., Huang, C.-H., Hu, S., Peng, H.-L., Wu, S.-J. Topical spilanthol inhibits MAPK signaling and ameliorates allergic inflammation in DNCB-induced atopic dermatitis in mice (2019) International Journal of Molecular Sciences, 20 (10), art. no. 2490,

Kim, J. Low-intensity tower climbing resistance exercise reduces experimentally induced atopic dermatitis in mice (2019) Journal of Exercise Rehabilitation, 15 (4), pp. 518-525

Gil, T.-Y., Kang, Y.-M., Eom, Y.-J., Hong, C.-H., An, H.-J. Anti-atopic dermatitis effect of seaweed fulvescens extract via inhibiting the STAT1 pathway (2019) Mediators of Inflammation, 2019, art. no. 3760934

Choi, E.-J., Ryu, Y.B., Tang, Y., Kim, B.R., Lee, W.S., Debnath, T., Fan, M., Kim, E.-K., Lee, H.-S. Effect of cinnamamides on atopic dermatitis through regulation of IL-4 in CD4 + cells (2019) Journal of Enzyme Inhibition and Medicinal Chemistry, 34 (1), pp. 613-619

Lee, J.-H., Jeon, Y.-D., Lee, Y.-M., Kim, D.-K. The suppressive effect of puerarin on atopic dermatitis-like skin lesions through regulation of inflammatory mediators in vitro and in vivo (2018) Biochemical and Biophysical Research Communications, 498 (4), pp. 707-714

Lee, S., Park, N.-J., Bong, S.-K., Jegal, J., Park, S.-A., Kim, S.-N., Yang, M.H. Ameliorative effects of Juniperus rigida fruit on oxazolone- and 2,4-dinitrochlorobenzene-induced atopic dermatitis in mice (2018) Journal of Ethnopharmacology, 214, pp. 160-167

Chen, L., Tsai, T.-F. The role of β-blockers in dermatological treatment: a review (2018) Journal of the European Academy of Dermatology and Venereology, 32 (3), pp. 363-371.

Wedman, P.A., Aladhami, A., Chumanovich, A.P., Fuseler, J.W., Oskeritzian, C.A. Mast cells and sphingosine-1-phosphate underlie prelesional remodeling in a mouse model of eczema (2018) Allergy: European Journal of Allergy and Clinical Immunology, 73 (2), pp. 405-415

Jegal, J., Park, N.-J., Bong, S.-K., Jegal, H., Kim,

S.-N., Yang, M.H. *Dioscorea quinqueloba* ameliorates oxazolone-and 2,4-dinitrochlorobenzene-induced atopic dermatitis symptoms in murine models (2017) *Nutrients*, 9 (12), art. no. 1324

Cipriani, F., Marzatico, A., Ricci, G. Autoimmune diseases involving skin and intestinal mucosa are more frequent in adolescents and young adults suffering from atopic dermatitis (2017) *Journal of Dermatology*, 44 (12), pp. 1341-1348

Carello, R., Ricottini, L., Miranda, V., Panei, P., Rocchi, L., Arcieri, R., Galli, E. Long-term treatment with low-dose medicine in chronic childhood eczema: A double-blind two-stage randomized control trial (2017) *Italian Journal of Pediatrics*, 43 (1), art. no. 78

Eskeland, S., Halvorsen, J.A., Tanum, L. Antidepressants have anti-inflammatory effects that may be relevant to dermatology: A systematic review (2017) *Acta Dermato-Venereologica*, 97 (8), pp. 897-905

Hou, Y.-C., Hu, H.-Y., Liu, I.-L., Chang, Y.-T., Wu, C.-Y. The risk of autoimmune connective tissue diseases in patients with atopy: A nationwide population-based cohort study (2017) *Allergy and Asthma Proceedings*, 38 (5), pp. 383-389

Egeberg, A., Andersen, Y.M.F., Gislason, G.H., Skov, L., Thyssen, J.P. Prevalence of comorbidity and associated risk factors in adults with atopic dermatitis (2017) *Allergy: European Journal of Allergy and Clinical Immunology*, 72 (5), pp. 783-791

Yang, H.J., Kim, M.J., Kang, S., Moon, N.R., Kim, D.S., Lee, N.R., Kim, K.S., Park, S. Topical treatments of *Saussurea costus* root and *Thuja orientalis* L. synergistically alleviate atopic dermatitis-like skin lesions by inhibiting protease-activated receptor-2 and NF-κB signaling in HaCaT cells and Nc/Nga mice (2017) *Journal of Ethnopharmacology*, 199, pp. 97-105

Wall, G.C., Defino, C.E. Novel therapies in atopic dermatitis (2017) *Pharmacy Times*, 2017, .

Lee, J.H., Jung, H.M., Han, K.D., Lee, S.-H., Lee,

J.Y., Park, Y.G., Min Park, Y. Association between metabolic syndrome and atopic dermatitis in Korean adults (2017) *Acta Dermato-Venereologica*, 97 (1), pp. 77-80.

Klimek, P., Aichberger, S., Thurner, S. Disentangling genetic and environmental risk factors for individual diseases from multiplex comorbidity networks (2016) *Scientific Reports*, 6, art. no. 39658

Gupta, J., Johansson, E., Bernstein, J.A., Chakraborty, R., Khurana Hershey, G.K., Rothenberg, M.E., Mersha, T.B. Resolving the etiology of atopic disorders by using genetic analysis of racial ancestry (2016) *Journal of Allergy and Clinical Immunology*, 138 (3), pp. 676-699

Shin, J., Kim, Y.J., Kwon, O., Kim, N.-I., Cho, Y. Associations among plasma vitamin C, epidermal ceramide and clinical severity of atopic dermatitis (2016) *Nutrition Research and Practice*, 10 (4), pp. 398-403

Godoy-Gijón, E., Meseguer-Yebra, C., Palacio-Aller, L., Godoy-Rocati, D.V., Lahoz-Rallo, C. New populations at increased cardiovascular risk: Cardiovascular disease in dermatological diseases (2016) *Clinica e Investigacion en Arteriosclerosis*, 28 (3), pp. 143-153

Liao, T.-C., Lien, Y.-T., Wang, S., Huang, S.-L., Chen, C.-Y. Comorbidity of Atopic Disorders with Autism Spectrum Disorder and Attention Deficit/Hyperactivity Disorder (2016) *Journal of Pediatrics*, 171, pp. 248-255

Lee, H.-S., Choi, E.-J., Lee, K.-S., Kim, H.-R., Na, B.-R., Kwon, M.-S., Jeong, G.-S., Choi, H.G., Choi, E.Y., Jun, C.-D. Oral administration of p-hydroxycinnamic acid attenuates atopic dermatitis by downregulating Th1 and Th2 cytokine production and keratinocyte activation (2016) *PLoS ONE*, 11 (3), art. no. e0150952

Liu, H., Liu, J., Toups, M., Soos, T., Arendt, C. Gene signature-based mapping of immunological systems and diseases (2016) *BMC Bioinformatics*, 17 (1), art. no. 171

Ghosh, D., Ding, L., Sivaprasad, U., Geh, E.,

	<p>Myers, J.B., Bernstein, J.A., Hershey, G.K.K., Mersha, T.B. Multiple transcriptome data analysis reveals biologically relevant atopic dermatitis signature genes and pathways (2015) PLoS ONE, 10 (12), art. no. e0144316</p> <p>Billeci, L., Tonacci, A., Tartarisco, G., Ruta, L., Pioggia, G., Gangemi, S. Association Between Atopic Dermatitis and Autism Spectrum Disorders: A Systematic Review (2015) American Journal of Clinical Dermatology, 16 (5), pp. 371-388</p> <p>Nemati, S., Shakib, R.J., Shakiba, M., Araghi, N., Azimi, S.Z. Allergic rhinitis in adults with chronic suppurative otitis media (2015) Iranian Journal of Otorhinolaryngology, 27 (4), pp. 261-266</p> <p>Desbordes, G., Li, A., Loggia, M.L., Kim, J., Schalock, P.C., Lerner, E., Tran, T.N., Ring, J., Rosen, B.R., Kaptchuk, T.J., Pfab, F., Napadow, V. Evoked itch perception is associated with changes in functional brain connectivity (2015) NeuroImage: Clinical, 7, pp. 213-221</p> <p>Pánková, R. Atopic dermatitis-what's new? (2014) Pediatrie pro Praxi, 15 (5), pp. 257-263.</p>
Tsankov N., Kazandjieva J., Darlenski R. Are skin diseases systemic ones?: I (2014) Clinics in Dermatology, 32 (3) , pp. 341-342.	<p>Vassileva, S., Mateeva, V., Drenovska, K. Drug repurposing of dermatologic medications to treat coronavirus disease 2019: Science or fiction? (2021) Clinics in Dermatology, 39 (3), pp. 430-445</p> <p>Eskeland, S., Halvorsen, J.A., Tanum, L. Antidepressants have anti-inflammatory effects that may be relevant to dermatology: A systematic review (2017) Acta Dermato-Venereologica, 97 (8), pp. 897-905</p>
Kazandjieva J., Gergovska M., Darlenski R. Contact dermatitis in a child from methylchloroisothiazolinone and methylisothiazolinone in moist wipes (2014) Pediatric Dermatology, 31 (2) , pp. 225-227.	<p>Brown, C., Yu, J. Pediatric Allergic Contact Dermatitis (2021) Immunology and Allergy Clinics of North America, 41 (3), pp. 393-408</p> <p>Ouédraogo, A.N., Traoré, F., Kabore, N., Tapsoba, P., Ouédraogo, S.M., Ilboudo, L., Ouédraogo, A., Lallogo, S., Korsaga-Somé, N., Barro-Traore, F., Niamba, P., Traoré, A. Toilet seat plastic: A cause of contact allergic dermatitis. About 20 cases in Ouagadougou (2019) Revue Française d'Allergologie, 59 (6), pp. 454-456</p> <p>Haeberle, M. Pulp and paper workers, and paper dermatitis (2019) Kanerva's Occupational</p>

	<p>Dermatology, pp. 2183-2202.</p> <p>Aschenbeck, K.A., Warshaw, E.M. Allergenic Ingredients in Personal Hygiene Wet Wipes (2017) Dermatitis, 28 (5), pp. 317-322</p> <p>Yu, J., Treat, J., Brod, B. Patch Test Series for Allergic Perineal Dermatitis in the Diapered Infant (2017) Dermatitis, 28 (1), pp. 70-75</p> <p>Yu, J., Treat, J., Chaney, K., Brod, B. Potential allergens in disposable diaper wipes, topical diaper preparations, and disposable diapers: under-recognized etiology of pediatric perineal dermatitis (2016) Dermatitis, 27 (3), pp. 110-118</p> <p>Quenan, S., Piletta, P., Calza, A.-M. Isothiazolinones: Sensitizers not to miss in children (2015) Pediatric Dermatology, 32 (3), pp. e86-e88</p> <p>Eubel, J., Diepgen, T.L., Weisshaar, E. Allergic diseases in the genital area [Article@Allergien im Genitalbereich] (2015) Hautarzt, 66 (1), pp. 45-52</p> <p>Admani, S., Matiz, C., Jacob, S.E. Methylisothiazolinone: A case of perianal dermatitis caused by wet wipes and review of an emerging pediatric allergen (2014) Pediatric Dermatology, 31 (3), pp. 350-352</p> <p>Chang, M.W., Nakrani, R. Six children with allergic contact dermatitis to methylisothiazolinone in wet wipes (baby wipes) (2014) Pediatrics, 133 (2), pp. e434-e438</p>
Darlenski R., Kazandjieva J., Tsankov N., Fluhr J.W. Acute irritant threshold correlates with barrier function, skin hydration and contact hypersensitivity in atopic dermatitis and rosacea. (2013) Experimental Dermatology, 22 (11), pp. 752-753	<p>Hu, X.-M., Li, Z.-X., Zhang, D.-Y., Yang, Y.-C., Zheng, S.-Y., Zhang, Q., Wan, X.-X., Li, J., Yang, R.-H., Xiong, K. Current research and clinical trends in rosacea pathogenesis (2022) Heliyon, 8 (10), art. no. e10874,</p> <p>Seo, J.I., Ham, H.I., Baek, J.H., Shin, M.K. An objective skin-type classification based on non-invasive biophysical parameters (2022) Journal of the European Academy of Dermatology and Venereology, 36 (3), pp. 444-452</p> <p>Deng, Z., Yan, S., Li, J., Yao, Y., Li, G., Hong, Z., Huang, Y. The association between rosacea and the condition of low tolerance to skincare of the facial skin: a case-control study in China (2022) Journal of Cosmetic Dermatology, 21 (3), pp.</p>

Wang, Y., Wang, B., Huang, Y., Li, Y., Yan, S., Xie, H., Zhang, Y., Li, J. Multi-Transcriptomic Analysis and Experimental Validation Implicate a Central Role of STAT3 in Skin Barrier Dysfunction Induced Aggravation of Rosacea (2022) Journal of Inflammation Research, 15, pp. 2141-2156

Chen, B., Yu, F., Chen, W., Yao, Z., Yang, X., Zhang, D., Hao, F. Contact sensitization to cosmetic series of allergens in female patients with rosacea: A prospective controlled study in China (2021) Journal of Cosmetic Dermatology, 20 (8), pp. 2627-2634

Martins, A.M., Marto, J.M., Johnson, J.L., Graber, E.M. A review of systemic minocycline side effects and topical minocycline as a safer alternative for treating acne and rosacea (2021) Antibiotics, 10 (7), art. no. 757

Baldwin, H., Alexis, A.F., Andriessen, A., Berson, D.S., Farris, P., Harper, J., Lain, E., Marchbein, S., Gold, L.S., Tan, J. Evidence of barrier deficiency in rosacea and the importance of integrating OTC skincare products into treatment regimens (2021) Journal of Drugs in Dermatology, 20 (4), pp. 384-392

Kim, D., Park, S.-J., Kim, J., Hong, U., Lee, J. Effect of lactic acid strains isolated from kimchi on atopic dermatitis and immunomodulation in NC/Nga mice (2021) Preventive Nutrition and Food Science, 26 (3), pp. 321-329

de Bakker, E., van der Putten, M.A.M., Heymans, M.W., Spiekstra, S.W., Waaijman, T., Butzelaar, L., Negenborn, V.L., Beekman, V.K., Akpinar, E.O., Rustemeyer, T., Niessen, F.B., Gibbs, S. Prognostic tools for hypertrophic scar formation based on fundamental differences in systemic immunity (2021) Experimental Dermatology, 30 (1), pp. 169-178

Zhang, J., Wu, J., Sun, M., Zhang, S., Huang, J., Man, M., Hu, L. Phospholipase C epsilon mediates cytokine cascade induced by acute disruption of epidermal permeability barrier in mice (2020) Biochemistry and Biophysics Reports, 24, art. no. 100869

Medgyesi, B., Dajnoki, Z., Béke, G., Gáspár, K., Szabó, I.L., Janka, E.A., Póliska, S., Hendrik, Z., Méhes, G., Törőcsik, D., Bíró, T., Kapitány, A., Szegedi, A. Rosacea Is Characterized by a Profoundly Diminished Skin Barrier (2020) Journal of Investigative Dermatology, 140 (10), pp. 1938-1950.e5.

Maruoka, N., Watanabe, B., Ando, D., Miyashita, M., Kurihara, T., Hokazono, H. Effects of a pyroglutamyl pentapeptide isolated from fermented barley extract on atopic dermatitis-like skin lesions in hairless mouse (2020) Bioscience, Biotechnology and Biochemistry, 84 (8), pp. 1696-1705

Liu, D., Wen, S., Huang, L.-N., Wang, X., Gong, C.-Y., Li, Z., Wang, H., Elias, P.M., Yang, B., Man, M.-Q. Comparison of transepidermal water loss rates in subjects with skin patch test positive vs negative to skin care products (2020) Journal of Cosmetic Dermatology, 19 (8), pp. 2021-2024.

Wang, X., Ye, L., Lai, Q., Wen, S., Long, Z., Qiu, X., Elias, P.M., Yang, B., Man, M.-Q. Altered Epidermal Permeability Barrier Function in the Uninvolved Skin Supports a Role of Epidermal Dysfunction in the Pathogenesis of Occupational Hand Eczema (2020) Skin Pharmacology and Physiology, 33 (2), pp. 94-101

Shih, Y.-H., Xu, J., Kumar, A., Li, R., Chang, A.L.S. Alterations of Immune and Keratinization Gene Expression in Papulopustular Rosacea by Whole Transcriptome Analysis (2020) Journal of Investigative Dermatology, 140 (5), pp. 1100-1103.e4.

Monteiro Rodrigues, L., Fluhr, J.W. EEMCO Guidance for the in vivo Assessment of Biomechanical Properties of the Human Skin and Its Annexes: Revisiting Instrumentation and Test Modes (2020) Skin Pharmacology and Physiology, 33 (1), pp. 44-60

Logger, J.G.M., de Vries, F.M.C., van Erp, P.E.J., de Jong, E.M.G.J., Peppelman, M., Driessen, R.J.B. Noninvasive objective skin measurement methods for rosacea assessment: a systematic review (2020) British Journal of Dermatology, 182 (1), pp. 55-66

Ozbagcivan, O., Akarsu, S., Dolas, N., Fetil, E. Contact sensitization to cosmetic series of allergens in patients with rosacea: A prospective controlled study (2020) Journal of Cosmetic Dermatology, 19 (1), pp. 173-179.

Borok, J., Matiz, C., Goldenberg, A., Jacob, S.E. Contact Dermatitis in Atopic Dermatitis Children—Past, Present, and Future (2019) Clinical Reviews in Allergy and Immunology, 56 (1), pp. 86-98

Svirshchevskaya, E.V., Matushevskaya, E.V. Role of lipids in skin barrier properties (2019) Klinicheskaya Dermatologiya i Venerologiya, 18 (3), pp. 360-365

Balić, A., Vlašić, D., Mokos, M., Marinović, B. The role of the skin barrier in periorificial dermatitis (2019) Acta Dermatovenerologica Croatica, 27 (3), pp. 169-179

Lee, K.G., Hahn, H.J., Myung, K.B., Cheong, S.H. A clinical study including patch test of rosacea patients (2019) Korean Journal of Dermatology, 57 (3), pp. 117-125

Milam, E.C., Jacob, S.E., Cohen, D.E. Contact Dermatitis in the Patient with Atopic Dermatitis (2019) Journal of Allergy and Clinical Immunology: In Practice, 7 (1), pp. 18-26

Diczig, B., Németh, I., Sárdy, M., Pónyai, G. Contact hypersensitivity in rosacea – a report on 143 cases (2018) Journal of the European Academy of Dermatology and Venereology, 32 (9), pp. e347-e349

Kaya Erdogan, H., Bulur, I., Nurhan Saracoglu, Z., Bilgin, M. The evaluation of contact sensitivity with standard and cosmetic patch test series in rosacea patients (2018) Annals of Dermatology, 30 (3), pp. 290-295.

Christensen, C.E., Andersen, F.S., Wienholtz, N., Egeberg, A., Thyssen, J.P., Ashina, M. The relationship between migraine and rosacea: Systematic review and meta-analysis (2018) Cephalalgia, 38 (7), pp. 1387-1398

Danby, S.G., Brown, K., Wigley, A.M., Chittock,

J., Pyae, P.K., Flohr, C., Cork, M.J. The Effect of Water Hardness on Surfactant Deposition after Washing and Subsequent Skin Irritation in Atopic Dermatitis Patients and Healthy Control Subjects (2018) *Journal of Investigative Dermatology*, 138 (1), pp. 68-77

Silverberg, N.B., Durán-McKinster, C. Special Considerations for Therapy of Pediatric Atopic Dermatitis (2017) *Dermatologic Clinics*, 35 (3), pp. 351-363

Kim, J., Ahn, J.W., Ha, S., Kwon, S.H., Lee, O., Oh, C. Clinical assessment of rosacea severity: oriental score vs. quantitative assessment method with imaging and biomedical tools (2017) *Skin Research and Technology*, 23 (2), pp. 186-193

Egeberg, A., Fowler, J.F., Gislason, G.H., Thyssen, J.P. Rosacea and risk of cancer in Denmark (2017) *Cancer Epidemiology*, 47, pp. 76-80

Lubbes, S., Rustemeyer, T., Sillevius Smitt, J.H., Schuttelaar, M.L., Middelkamp-Hup, M.A. Contact sensitization in Dutch children and adolescents with and without atopic dermatitis – a retrospective analysis (2017) *Contact Dermatitis*, 76 (3), pp. 151-159

Zhou, M., Xie, H., Cheng, L., Li, J. Clinical characteristics and epidermal barrier function of papulopustular rosacea: A comparison study with acne vulgaris (2016) *Pakistan Journal of Medical Sciences*, 32 (6), pp. 1344-1348.

Pelletier, J.L., Perez, C., Jacob, S.E. Contact dermatitis in pediatrics (2016) *Pediatric Annals*, 45 (8), pp. e287-e292

Blume-Peytavi, U., Tan, J., Tennstedt, D., Boralevi, F., Fabbrocini, G., Torrelo, A., Soares-Oliveira, R., Haftek, M., Rossi, A.B., Thouvenin, M.D., Mangold, J., Galliano, M.F., Hernandez-Pigeon, H., Aries, M.F., Rouvrais, C., Bessou-Touya, S., Duplan, H., Castex-Rizzi, N., Mengeaud, V., Ferret, P.J., Clouet, E., Saint Aroman, M., Carrasco, C., Coutanceau, C., Guiraud, B., Boyal, S., Herman, A., Delga, H., Biniek, K., Dauskardt, R. Fragility of epidermis in newborns, children and adolescents (2016) *Journal of the European Academy of*

Dermatology and Venereology, 30, pp. 3-56

Lee, W.J., Jung, J.M., Lee, Y.J., Won, C.H., Chang, S.E., Choi, J.H., Moon, K.C., Lee, M.W. Histopathological analysis of 226 patients with rosacea according to rosacea subtype and severity (2016) American Journal of Dermatopathology, 38 (5), pp. 347-352

Cremisini, C., Armiento, G. High geochemical background of potentially harmful elements. The “geochemical risk” and “natural contamination” of soils and water: awareness and policy approach in Europe with a focus on Italy (2016) Rendiconti Lincei, 27 (1), pp. 7-20.

Melnik, B.C. Rosacea: The blessing of the celts – An approach to pathogenesis through translational research(2016) Acta Dermato-Venereologica, 96 (2), pp. 147-156.

Solomon, J.A., Tyring, S., Staedtler, G., Sand, M., Nkulikiyinka, R., Shakery, K. Investigator-reported efficacy of Azelaic acid foam 15% in patients with papulopustular rosacea: Secondary efficacy outcomes from a randomized, controlled, double-blind, phase 3 trial (2016) Cutis, 98 (3), pp. 187-194

Admani, S., Matiz, C., Jacob, S.E. Countering Staphylococcus Overgrowth during Patch Testing in Children with Moderate to Severe Atopic Dermatitis (2016) Pediatric Dermatology, 33 (1), pp. 56-61

Kim, O.-K., Chang, J.-Y., Nam, D.-E., Park, Y.K., Jun, W., Lee, J. Effect of canavalia gladiata extract fermented with aspergillus oryzae on the development of atopic dermatitis in NC/Nga mice (2015) International Archives of Allergy and Immunology, 168 (2), pp. 79-89

Hu, L., Man, H., Elias, P.M., Man, M.-Q. Herbal medicines that benefit epidermal permeability barrier function (2015) Dermatologica Sinica, 33 (2), pp. 90-95.

Zhong, S., Sun, N., Liu, H., Niu, Y., Chen, C., Wu, Y. Topical tranexamic acid improves the permeability barrier in rosacea (2015) Dermatologica Sinica, 33 (2), pp. 112-117

	<p>Correa Da Rosa, J., Malajian, D., Shemer, A., Rozenblit, M., Dhingra, N., Czarnowicki, T., Khattri, S., Ungar, B., Finney, R., Xu, H., Zheng, X., Estrada, Y.D., Peng, X., Suárez-Fariñas, M., Krueger, J.G., Guttman-Yassky, E. Patients with atopic dermatitis have attenuated and distinct contact hypersensitivity responses to common allergens in skin (2015) <i>Journal of Allergy and Clinical Immunology</i>, 135 (3), pp. 712-720</p> <p>Dobos, G., Gefen, A., Blume-Peytavi, U., Kottner, J. Weight-bearing-induced changes in the microtopography and structural stiffness of human skin in vivo following immobility periods (2015) <i>Wound Repair and Regeneration</i>, 23 (1), pp. 37-43</p> <p>Garg, N., Silverberg, J.I. Epidemiology of childhood atopic dermatitis (2015) <i>Clinics in Dermatology</i>, 33 (3), pp. 281-288</p> <p>Melnik, B.C. Endoplasmic reticulum stress: Key promoter of rosacea pathogenesis (2014) <i>Experimental Dermatology</i>, 23 (12), pp. 868-873.</p> <p>Wollina, U. Recent advances in the understanding and management of rosacea (2014) <i>F1000Prime Reports</i>, 6, art. no. 50</p> <p>Aquino, M., Fonacier, L. The role of contact dermatitis in patients with atopic dermatitis (2014) <i>Journal of Allergy and Clinical Immunology: In Practice</i>, 2 (4), pp. 382-387</p> <p>Panzer, R., Blobel, C., Fölster-Holst, R., Proksch, E. TLR2 and TLR4 expression in atopic dermatitis, contact dermatitis and psoriasis (2014) <i>Experimental Dermatology</i>, 23 (5), pp. 364-366</p> <p>Worm, M. Allergic contact dermatitis beyond IL-1β: role of additional family members (2014) <i>Experimental Dermatology</i>, 23 (3), pp. 151-152</p> <p>Flo, A., Díez-Noguera, A., Calpena, A.C., Cambras, T. Circadian rhythms on skin function of hairless rats: Light and thermic influences (2014) <i>Experimental Dermatology</i>, 23 (3), pp. 214-216</p>
Darlenski R., Fluhr J.W. Photodynamic therapy in dermatology: Past, present, and future (2013) <i>Journal of Biomedical Optics</i> , 18 (6), art. no. 61208	<p>Sadowska, M., Narbutt, J., Lesiak, A. Blue light in dermatology (2021) <i>Life</i>, 11 (7), art. no. 670</p> <p>Kashyap, A., Ramasamy, E., Ramalingam, V.,</p>

Pattabiraman, M. Supramolecular control of singlet oxygen generation (2021) *Molecules*, 26 (9), art. no. 2673

Rosa, L.P., Da Silva, F.C., Landulfo Luz, S.C., Vieira, R.L., Tanajura, B.R., Da Silva Gusmão, A.G., De Oliveira, J.M., De Jesus Nascimento, F., Campanário Dos Santos, N.A., Inada, N.M., Blanco, K.C., Carbinatto, F.M., Bagnato, V.S. Follow-up of pressure ulcer treatment with photodynamic therapy, low level laser therapy and cellulose membrane (2021) *Journal of Wound Care*, 30 (4), pp. 304-310

Valverde, D., Mai, S., Sanches de Araújo, A.V., Canuto, S., González, L., Borin, A.C. On the population of triplet states of 2-seleno-thymine (2021) *Physical Chemistry Chemical Physics*, 23 (9), pp. 5447-5454

Fuchs, C., Negri, L.B., Pham, L., Tam, J. Light-Based Devices for Wound Healing (2020) *Current Dermatology Reports*, 9 (4), pp. 261-276

Kwiatek, S., Kawczyk-Krupka, A., Mańska, E., Cieślar, G., Sieroń, A., Stanek, A. Can fluorescence and autofluorescence imaging be useful in diagnosis of basal cell cancer? Proposition of algorithms (2020) *Photodiagnosis and Photodynamic Therapy*, 30, art. no. 101697

Şen Karaman, D., Ercan, U.K., Bakay, E., Topaloğlu, N., Rosenholm, J.M. Evolving Technologies and Strategies for Combating Antibacterial Resistance in the Advent of the Postantibiotic Era (2020) *Advanced Functional Materials*, 30 (15), art. no. 1908783

Yao, Y., Shen, X., Shi, L., Tang, G., Wu, L. The combination of photodynamic therapy and fractional CO₂ laser for oral leukoplakia: Case series (2020) *Photodiagnosis and Photodynamic Therapy*, 29, art. no. 101597

Dolganova, I.N., Shikunova, I.A., Katyba, G.M., Zotov, A.K., Mukhina, E.E., Shchedrina, M.A., Tuchin, V.V., Zaytsev, K.I., Kurlov, V.N. Optimization of sapphire capillary needles for interstitial and percutaneous laser medicine (2019) *Journal of Biomedical Optics*, 24 (12), art. no. 128001

Sulewska, M., Duraj, E., Sobaniec, S., Graczyk, A., Milewski, R., Wróblewska, M., Pietruski, J., Pietruska, M. A clinical evaluation of efficacy of photodynamic therapy in treatment of reticular oral lichen planus: A case series (2019) Photodiagnosis and Photodynamic Therapy, 25, pp. 50-57

Nesi-Reis, V., Lera-Nonose, D.S.S.L., Oyama, J., Silva-Lalucci, M.P.P., Demarchi, I.G., Aristides, S.M.A., Teixeira, J.J.V., Silveira, T.G.V., Lonardoni, M.V.C. Contribution of photodynamic therapy in wound healing: A systematic review (2018) Photodiagnosis and Photodynamic Therapy, 21, pp. 294-305

Otvagin, V.F., Nyuchev, A.V., Kuzmina, N.S., Grishin, I.D., Gavryushin, A.E., Romanenko, Y.V., Koifman, O.I., Belykh, D.V., Peskova, N.N., Shilyagina, N.Y., Balalaeva, I.V., Fedorov, A.Y. Synthesis and biological evaluation of new water-soluble photoactive chlorin conjugate for targeted delivery (2018) European Journal of Medicinal Chemistry, 144, pp. 740-750

Rosa, L.P., da Silva, F.C., Vieira, R.L., Tanajura, B.R., da Silva Gusmão, A.G., de Oliveira, J.M., dos Santos, N.A.C., Bagnato, V.S. Application of photodynamic therapy, laser therapy, and a cellulose membrane for calcaneal pressure ulcer treatment in a diabetic patient: A case report (2017) Photodiagnosis and Photodynamic Therapy, 19, pp. 235-238

Gracia-Cazaña, T., Salazar, N., Zamarrón, A., Mascaraque, M., Lucena, S.R., Juarranz, Á. Resistance of Nonmelanoma Skin Cancer to Nonsurgical Treatments. Part II: Photodynamic Therapy, Vismodegib, Cetuximab, Intralesional Methotrexate, and Radiotherapy (2016) Actas Dermo-Sifiliograficas, 107 (9), pp. 740-750

Jain, A.K., Lee, C.H., Gill, H.S. 5-Aminolevulinic acid coated microneedles for photodynamic therapy of skin tumors (2016) Journal of Controlled Release, 239, pp. 72-81

Ye, X., Yin, H., Lu, Y., Zhang, H., Wang, H. Evaluation of hydrogel suppositories for delivery of 5-Aminolevulinic acid and hematoporphyrin monomethyl ether to rectal tumors (2016) Molecules, 21 (10), art. no. 1347

Oniszczuk, A., Wojtunik-Kulesza, K.A., Oniszczuk, T., Kasprzak, K. The potential of photodynamic therapy (PDT)—Experimental investigations and clinical use (2016) Biomedicine and Pharmacotherapy, 83, pp. 912-929

Orbay, H., Li, Y., Xiao, W., Cherry, S.R., Lam, K., Sahar, D.E. Developing a nanoparticle-delivered high-efficacy treatment for infantile hemangiomas using a mouse hemangioendothelioma model (2016) Plastic and Reconstructive Surgery, 138 (2), pp. 410-417

Andreazza, N.L., Caramano De Lourenço, C., Hernandez-Tasco, Á.J., Pinheiro, M.L.B., Alves Stefanello, M.É., Vilaça Costa, E., Salvador, M.J. Antimicrobial photodynamic effect of extracts and oxoaporphine alkaloid isomoschatoline from Guatteria blepharophylla (2016) Journal of Photochemistry and Photobiology B: Biology, 160, pp. 154-162

Campbell, C.L., Wood, K., Brown, C.T.A., Moseley, H. Monte Carlo modelling of photodynamic therapy treatments comparing clustered three dimensional tumour structures with homogeneous tissue structures (2016) Physics in Medicine and Biology, 61 (13), art. no. 4840

He, L., Zhou, Y., Hu, X. Weighted optimization of irradiance for photodynamic therapy of port wine stains (2016) Proceedings of SPIE - The International Society for Optical Engineering, 10024, art. no. 100240K, .

Yu, X., Lin, T., Lv, H., Pan, S., Wu, S., Zeng, D., Jiang, Y., Wang, Y., Yang, H., Huang, Y., Peng, Y. Photophysical properties of catechol axially substituted tetra- α -(pentyloxy) titanium (IV) phthalocyanine (2016) Proceedings of SPIE - The International Society for Optical Engineering, 10024, art. no. 100243P

Campbell, C.L., Wood, K., Brown, C.T.A., Moseley, H. New insights into photodynamic therapy treatment through the use of 3D Monte Carlo radiation transfer modelling (2016) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 9689, art. no. 96890Q

Iqbal, Z., Chen, J., Chen, Z., Huang, M. Phthalocyanine-biomolecule conjugated photosensitizers for targeted photodynamic therapy and imaging (2015) Current Drug Metabolism, 16 (9), pp. 816-832

Nyuchev, A.V., Otvagin, V.F., Gavryushin, A.E., Romanenko, Y.I., Koifman, O.I., Belykh, D.V., Schmalz, H.-G., Fedorov, A.Yu. Synthesis of Chlorin-(Arylamino)quinazoline Hybrids as Models for Multifunctional Drug Development (2015) Synthesis (Germany), 47 (23), art. no. ss-2015-z0289-op, pp. 3717-3726

Lei, X., Liu, B., Huang, Z., Wu, J. A clinical study of photodynamic therapy for chronic skin ulcers in lower limbs infected with *Pseudomonas aeruginosa* (2015) Archives of Dermatological Research, 307 (1), pp. 49-55

Carrenho, L.Z.B., Moreira, C.G., Vandresen, C.C., Gomes, R., Gonçalves, A.G., Barreira, S.M.W., Noseda, M.D., Duarte, M.E.R., Ducatti, D.R.B., Dietrich, M., Paludo, K., Cabrini, D.A., Otuki, M.F. Investigation of anti-inflammatory and anti-proliferative activities promoted by photoactivated cationic porphyrin (2015) Photodiagnosis and Photodynamic Therapy, 12 (3), pp. 444-458

Ronda, L., Bettati, S., Bruno, S. Immobilization of proteins in Ormosil gels: Functional properties and applications (2015) Current Organic Chemistry, 19 (17), pp. 1677-1683

Campbell, C.L., Wood, K., Valentine, R.M., Brown, C.T.A., Moseley, H. Monte Carlo modelling of daylight activated photodynamic therapy (2015) Physics in Medicine and Biology, 60 (10), pp. 4059-4073

Effron, J.S., Aliazz, H., Garcia-Zuazaga, J. Current evidence and applications of photodynamic therapy in dermatology: Part 1: Cutaneous neoplasms (2015) Journal of the Dermatology Nurses' Association, 7 (3), pp. 145-151

Yanina, I.Y., Doubrovski, V.A., Tuchin, V.V. Analysis of the optical characteristics of adipose tissue in vitro sensitized by indocyanine green and

exposed to IR-laser irradiation (2015) Optics and Spectroscopy (English translation of Optika i Spektroskopiya), 118 (3), pp. 494-500.

Wu, Y.-H., Qiao, J.-J., Bai, J., Fang, H. Aminolevulinic acid photodynamic therapy for bowenoid papulosis (2015) Indian Journal of Dermatology, Venereology and Leprology, 81 (2), pp. 219-220

Alves, E., Faustino, M.A.F., Neves, M.G.P.M.S., Cunha, T., Nadais, H., Almeida, A. Potential applications of porphyrins in photodynamic inactivation beyond the medical scope (2015) Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 22, pp. 34-57

Zohre, R., Ali, Y., Mostafa, J., Samaneh, R. Nondrug antimicrobial techniques: Electromagnetic fields and photodynamic therapy (2015) Biomedical and Pharmacology Journal, 8, pp. 147-155

Campbell, C.L., Christison, C., Brown, C.T.A., Wood, K., Valentine, R.M., Moseley, H. 3D Monte Carlo radiation transfer modelling of photodynamic therapy (2015) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 9531, art. no. 95311H

De Oliveira, K.T., De Souza, J.M., Da Silva Gobo, N.R., De Assis, F.F., Brocksom, T.J. Basic concepts and applications of porphyrins, chlorins and phthalocyanines as photosensitizers in photonic therapies (2015) Revista Virtual de Quimica, 7 (1), pp. 310-335

Phoenix, D.A., Dennison, S.R., Harris, F. Photodynamic Antimicrobial Chemotherapy (2014) Novel Antimicrobial Agents and Strategies, pp. 295-330

Lu, C.-H., Lin, K.-H., Hsu, Y.-Y., Tsen, K.-T., Kuan, Y.-S. Inhibition of Escherichia coli respiratory enzymes by short visible femtosecond laser irradiation (2014) Journal of Physics D: Applied Physics, 47 (31), art. no. 315402,

Wan, M.T., Lin, J.Y. Current evidence and applications of photodynamic therapy in dermatology (2014) Clinical, Cosmetic and Investigational Dermatology, 7, pp. 145-163.

Fratz, E.J., Hunter, G.A., Ferreira, G.C.
Expression of murine 5-aminolevulinate synthase variants causes protoporphyrin IX accumulation and light-induced mammalian cell death (2014) PLoS ONE, 9 (4), art. no. e93078

Malatesta, M., Pellicciari, C., Cisterna, B., Costanzo, M., Galimberti, V., Biggiogera, M., Zancanaro, C. Tracing nanoparticles and photosensitizing molecules at transmission electron microscopy by diaminobenzidine photo-oxidation (2014) Micron, 59, pp. 44-51

Savas, J.A., Ledon, J.A., França, K., Nouri, K. Photodynamic therapy (2014) Handbook of Lasers in Dermatology, pp. 279-291

Avci, P., Sibel Erdem, S., Hamblin, M.R. Photodynamic therapy: One step ahead with self-assembled nanoparticles (2014) Journal of Biomedical Nanotechnology, 10 (9), pp. 1937-1952

Singh, S.P., Sharma, M., Patel, H., Gupta, P.K. Extra cellular pH influences uptake and photodynamic action of pyropheophorbide-a entrapped in folate receptor targeted organically modified silica nanoparticle (2014) Photodiagnosis and Photodynamic Therapy, 11 (2), pp. 156-164

Kawai, C., Araújo-Chaves, J.C., Magrini, T., Sanches, C.O.C.C., Pinto, S.M.S., Martinho, H., Daghestanli, N., Nantes, I.L. Photodamage in a mitochondrial membrane model modulated by the topology of cationic and anionic meso-tetrakis porphyrin free bases (2014) Photochemistry and Photobiology, 90 (3), pp. 596-608

Donnelly, R.F., Morrow, D.I.J., McCrudden, M.T.C., Alkilani, A.Z., Vicente-Pérez, E.M., O'Mahony, C., González-Vázquez, P., McCarron, P.A., Woolfson, A.D. Hydrogel-forming and dissolving microneedles for enhanced delivery of photosensitizers and precursors (2014) Photochemistry and Photobiology, 90 (3), pp. 641-647.

Borisova, E.G., Angelova, L.P., Pavlova, E.P. Endogenous and exogenous fluorescence skin cancer diagnostics for clinical applications (2014)

	<p>IEEE Journal on Selected Topics in Quantum Electronics, 20 (2), art. no. 6606819</p> <p>Weston, M.A., Patterson, M.S. Monitoring oxygen concentration during photodynamic therapy using prompt photosensitizer fluorescence (2013) Physics in Medicine and Biology, 58 (20), pp. 7039-7059</p>
Darlenski R., Kazandjieva J., Vassileva S. Occupational contact dermatitis to cosmetics (2013) Cosmetics: Types, Allergies and Applications, , pp. 139-155.	Melucci, D., De Laurentiis, F., Zappi, A., Locatelli, M., Locatelli, C. Toxic metals in cosmetics: A review of analytical determination, human health risk and international regulation for safe use (2017) Advances in Health and Disease. Volume 1, pp. 173-207
Darlenski R., Kazandjieva J., Tsankov N. Hair extensions: Novel “source” of a well-known contact allergen (2013) SKINmed, 11 (1) , pp. 51-53.	Dlova, N.C., Ferguson, N.N., Rorex, J.N., Todd, G. Synthetic hair extensions causing irritant contact dermatitis in patients with a history of atopy: A report of 10 cases (2021) Contact Dermatitis, 85 (2), pp. 141-145
Fluhr J.W., Berardesca E., Darlenski R. Psoriasis and dry skin: The impact of moisturizers. (2012) Treatment of Dry Skin Syndrome: The Art and Science of Moisturizers, 9783642276064 , pp. 285-293	Oliveira, R.S., da Silva, D.F., Mota, S., Garrido, J., Garrido, E.M., Lobo, J.M.S., Almeida, I.F. Design of an Emulgel for Psoriasis Focused on Patient Preferences (2022) Applied Sciences (Switzerland), 12 (7), art. no. 3260, Vasconcelos, V., Teixeira, A., Almeida, V., Teixeira, M., Ramos, S., Torres, T., Sousa Lobo, J.M., Almeida, I.F. Patient preferences for attributes of topical anti-psoriatic medicines (2019) Journal of Dermatological Treatment, 30 (7), pp. 659-663 Estanqueiro, M., Conceição, J., Amaral, M.H., Sousa Lobo, J.M. The role of liposomes and lipid nanoparticles in the skin hydration (2016) Nanobiomaterials in Galenic Formulations and Cosmetics: Applications of Nanobiomaterials, pp. 297-326.
Darlenski R., Kazandjieva J., Pramatarov K. The many faces of nickel allergy. (2012) International Journal of Dermatology, 51 (5) , pp. 523-530.	Apostolos, A., Drakopoulou, M., Gregoriou, S., Synetos, A., Trantalis, G., Tsivgoulis, G., Deftereos, S., Tsiofis, K., Toutouzas, K. Nickel Hypersensitivity to Atrial Septal Occluders: Smoke Without Fire? (2022) Clinical Reviews in Allergy and Immunology, 62 (3), pp. 476-483 Zafar, S., Siddiqi, A. Biological responses to pediatric stainless steel crowns (2020) Journal of Oral Science, 62 (3), art. no. josnusd/20-0083, pp. 245-249 Bartel, T., Müller, S. Nickel allergy impacts decision-making in secondary prevention of

	<p>systemic embolism in patients with patent foramen ovale (2020) European Heart Journal, 41 (4), p. 605</p>
	<p>Tramontana, M., Bianchi, L., Hansel, K., Agostinelli, D., Stingeni, L. Nickel allergy: Epidemiology, pathomechanism, clinical patterns, treatment and prevention programs (2020) Endocrine, Metabolic and Immune Disorders - Drug Targets, 20 (7), pp. 992-1002</p>
	<p>Magrone, T., Russo, M.A., Jirillo, E. Impact of heavy metals on host cells: Special focus on nickel-mediated pathologies and novel interventional approaches (2020) Endocrine, Metabolic and Immune Disorders - Drug Targets, 20 (7), pp. 1041-1058</p>
	<p>Jin, X., Zhu, D.D., Chen, B.Z., Ashfaq, M., Guo, X.D. Insulin delivery systems combined with microneedle technology (2018) Advanced Drug Delivery Reviews, 127, pp. 119-137</p>
	<p>Suwarsa, O., Rahardjo, R.M., Sutedja, E., Dharmadji, H.P., Hindritiani, R., Gunawan, H. Systemic contact dermatitis due to corrosion of titanium-coated nickel and cobalt bone plate fixation: A case report (2017) Medicine (United States), 96 (50), art. no. e9120</p>
	<p>Egorova, K.S., Ananikov, V.P. Toxicity of Metal Compounds: Knowledge and Myths (2017) Organometallics, 36 (21), pp. 4071-4090</p>
	<p>Almutairi, N., Almutawa, F. The role of nickel allergy in hand dermatitis and its impact on handling cupronickel currency coins. A comparative cohort study from Kuwait (2017) Postepy Dermatologii i Alergologii, 34 (4), pp. 313-321</p>
	<p>Adachi, N., Takayama, E., Adachi, M., Mizuno-Kamiya, M., Kawaki, H., Takeuchi, H., Kubo, S., Ishigami, H., Kurachi, M. Promotion of nickel (Ni) allergy by anamnestic sensitization with a bacterial component, lipopolysaccharide (LPS), in mice (2016) Open Dentistry Journal, 10, pp. 531-537</p>
	<p>Xue, Y., Ratushny, V., Koralnik, I.J., Schlaug, G., Wu, P.A. Allergic dermatitis caused by endovascular coiling of brain aneurysm (2016)</p>

	Dermatitis, 27 (3), pp. 149-150.
	Luo, C., Cao, C., Jiang, L. The endosomal sorting complex required for transport (ESCRT) is required for the sensitivity of yeast cells to nickel ions in <i>saccharomyces cerevisiae</i> (2016) FEMS Yeast Research, 16 (3), art. no. fow028
	Cremisini, C., Armiento, G. High geochemical background of potentially harmful elements. The “geochemical risk” and “natural contamination” of soils and water: awareness and policy approach in Europe with a focus on Italy (2016) Rendiconti Lincei, 27 (1), pp. 7-20.
	Yuk, J.-S., Shin, J.S., Shin, J.-Y., Oh, E., Kim, H., Park, W.I. Nickel allergy is a risk factor for endometriosis: An 11-year population-based nested case-control study (2015) PLoS ONE, 10 (10), art. no. e0139388
	Isnardo, D., Vidal, J., Panyella, D., Vilaplana, J. Nickel transfer by fingers (2015) Actas Dermosifiliograficas, 106 (5), pp. e23-e26.
	Svecova, D., Nemsovska, J. Contact dermatitis (2015) Contact Dermatitis, pp. 1-137.
	Büyüköztürk, S., Gelincik, A., Ünal, D., Demirtürk, M., Çelik, D.D., Erden, S., Çolakoğlu, B., Erdem Kuruca, S. Oral nickel exposure may induce Type I hypersensitivity reaction in nickel-sensitized subjects (2015) International Immunopharmacology, 26 (1), art. no. 3595, pp. 92-96
	Wezynfeld, N.E., Bossak, K., Goch, W., Bonna, A., Bal, W., Frączyk, T. Human annexins A1, A2, and A8 as potential molecular targets for Ni(II) Ions (2014) Chemical Research in Toxicology, 27 (11), pp. 1996-2009
	Amuno, S.A., Amuno, M.M. Spatio-temporal variation of trace element contents in Rwanda necrosols (2014) Environmental Earth Sciences, 71 (2), pp. 659-674
	Di Tola, M., Amodeo, R., Marino, M., Tabacco, F., Casale, R., Bove, M., Rossi, A., Cardelli, P., Picarelli, A. Peripheral blood lymphocyte typing as a useful tool to objectify the oral mucosa patch test in the diagnosis of allergic contact mucositis

	<p>to nickel (2014) Biological Trace Element Research, 159 (1-3), pp. 81-86</p> <p>Di Tola, M., Marino, M., Amodeo, R., Tabacco, F., Casale, R., Portaro, L., Borghini, R., Cristaudo, A., Manna, F., Rossi, A., De Pità, O., Cardelli, P., Picarelli, A. Immunological characterization of the allergic contact mucositis related to the ingestion of nickel-rich foods (2014) Immunobiology, 219 (7), pp. 522-530</p> <p>Fedorov, A., Toutov, A.A., Swisher, N.A., Grubbs, R.H. Lewis-base silane activation: From reductive cleavage of aryl ethers to selective ortho-silylation (2013) Chemical Science, 4 (4), pp. 1640-1645</p> <p>Yuan, J.-P., Li, W., Liu, W.-M. Nickel release rate of 18 KW gold alloy for ornaments (2013) Rare Metals, 32 (1), pp. 33-39</p> <p>Zambelli, B., Ciurli, S. Nickel and human health (2013) Metal Ions in Life Sciences, 13, pp. 321-357</p> <p>Kim, D.S., Kim, D.H., Lee, H., Jee, H., Lee, Y., Chang, M.-Y., Kwak, T.-J., Kim, C.-H., Shin, Y.-A., Lee, J.-H., Yoon, T.-J., Lee, M.-G. A genome-wide association study in Koreans identifies susceptibility loci for allergic nickel dermatitis (2013) International Archives of Allergy and Immunology, 162 (2), pp. 184-186.</p>
Darlenski R., Fluhr J.W. Influence of skin type, race, sex, and anatomic location on epidermal barrier function. (2012) Clinics in Dermatology, 30 (3) , pp. 269-273.	<p>Naidoo, N., Mosam, A., Stamatas, G., Dlova, N.C. Epidermal barrier function in human immunodeficiency virus-infected South African infants compared with uninfected (2022) International Journal of Dermatology, 61 (9), pp. 1106-1112</p> <p>Li, B., Cheng BS, Y., Tan, Y., Wang, F., Hu, W., Wang, X., Liu, W., Krutmann, J., Wang, S., Zou, Y. Analysis of factors influencing skin reactions to sunscreens, skin whitening products, and deodorants: Results from a large-scale patch test dataset in China (2022) Journal of Cosmetic Dermatology, 21 (9), pp. 3986-3992</p> <p>Tanzer, J., Meng, D., Ohsaki, A., Caldwell, J.M., Mingler, M.K., Rothenberg, M.E., Oyoshi, M.K. Laundry detergent promotes allergic skin inflammation and esophageal eosinophilia in mice (2022) PLoS ONE, 17 (6 June), art. no. e0268651</p>

Simard, M., Tremblay, A., Morin, S., Martin, C., Julien, P., Fradette, J., Flamand, N., Pouliot, R. α -Linolenic acid and linoleic acid modulate the lipidome and the skin barrier of a tissue-engineered skin model (2022) *Acta Biomaterialia*, 140, pp. 261-274

Peer, R.P., Burli, A., Maibach, H.I. Did human evolution in skin of color enhance the TEWL barrier? (2022) *Archives of Dermatological Research*, 314 (2), pp. 121-132

Morin, M., Jankovskaja, S., Ruzgas, T., Henricson, J., Anderson, C.D., Brinte, A., Engblom, J., Björklund, S. Hydrogels and Cubic Liquid Crystals for Non-Invasive Sampling of Low-Molecular-Weight Biomarkers-An Explorative In Vivo Study (2022) *Pharmaceutics*, 14 (2), art. no. 313

Zambrana, P.N., Hammell, D.C., Stinchcomb, A.L. Advanced harmonization techniques result in accurate establishment of in vitro-in vivo correlations for oxybenzone from four complex dermal formulations with reapplication (2022) *Drug Delivery and Translational Research*

Tremblay, A., Simard, M., Morin, S., Pouliot, R. Docosahexaenoic acid modulates paracellular absorption of testosterone and claudin-1 expression in a tissue-engineered skin model (2021) *International Journal of Molecular Sciences*, 22 (23), art. no. 13091,

Konya, I., Iwata, H., Hayashi, M., Akita, T., Homma, Y., Yoshida, H., Yano, R. Effectiveness of weak wiping pressure during bed baths in hospitalized older adults: A single-blind randomized crossover trial (2021) *Geriatric Nursing*, 42 (6), pp. 1379-1387

Kim, H.J., Bang, C.H., Kim, H.O., Lee, D.H., Ko, J.Y., Park, E.J., Son, S.W., Ro, Y.S. 2020 Korean consensus guidelines for diagnosis and treatment of chronic hand eczema (2021) *Annals of Dermatology*, 33 (4), pp. 351-360.

Ye, Y., Zhao, P., Dou, L., Zhang, Y., Ken, K., Gu, H., Dou, Y., Gao, W., He, L., Chen, X., Huang, X., Zhang, L., Li, Y., Wang, L., Yan, W. Dynamic trends in skin barrier function from birth to age

6 months and infantile atopic dermatitis: A Chinese prospective cohort study (2021) Clinical and Translational Allergy, 11 (5), art. no. e12043

Schmidt, M., Bamberg, M., Dierig, L., Kunz, S.N., Wiegand, P. The diversity of shedder tests and a novel factor that affects DNA transfer (2021) International Journal of Legal Medicine, 135 (4), pp. 1267-1280

Ogunjimi, A.T., Lawson, C., Carr, J., Patel, K.K., Ferguson, N., Brogden, N.K. Micropore Closure Rates following Microneedle Application at Various Anatomical Sites in Healthy Human Subjects (2021) Skin Pharmacology and Physiology, 34 (4), pp. 214-228

Espinosa-Rueda, M.I., Montero-Vilchez, T., Martínez-López, A., Molina-Leyva, A., Sierra-Sánchez, A., Arias-Santiago, S., Buendia-Eisman, A. Cutaneous homeostasis and epidermal barrier function in a young healthy Caucasian population (2021) European Journal of Dermatology, 31 (2), pp. 176-182

Vijayan, S.M., Göen, T., Dennerlein, K., Horch, R.E., Ludolph, I., Drexler, H., Kilo, S. Calcium, magnesium and aluminium ions as decontaminating agents against dermal fluoride absorption following hydrofluoric acid exposure (2021) Toxicology in Vitro, 71, art. no. 105055

Burnett, L.R., Hughes, R.T., Rejeski, A.F., Moffatt, L.T., Shupp, J.W., Christy, R.J., Winkfield, K.M. Review of the Terminology Describing Ionizing Radiation-Induced Skin Injury: A Case for Standardization (2021) Technology in Cancer Research and Treatment, 20

Li, X., Xing, L., Lai, R., Yuan, C., Humbert, P. Literature mapping: association of microscopic skin microflora and biomarkers with macroscopic skin health (2021) Clinical and Experimental Dermatology, 46 (1), pp. 21-27

Ogunjimi, A.T., Carr, J., Lawson, C., Ferguson, N., Brogden, N.K. Micropore closure time is longer following microneedle application to skin of color (2020) Scientific Reports, 10 (1), art. no. 18963

Santos, L.L., Swofford, N.J., Santiago, B.G. In Vitro Permeation Test (IVPT) for Pharmacokinetic Assessment of Topical Dermatological Formulations (2020) Current Protocols in Pharmacology, 91 (1), art. no. e79

Timudom, T., Chaiyasut, C., Sivamaruthi, B.S., Tiampasook, P., Nacapunchai, D. Anti-sebum efficacy of phyllanthus emblica l. (emblica) toner on facial skin (2020) Applied Sciences (Switzerland), 10 (22), art. no. 8193, pp. 1-16.

Kilo, S., Wick, J., Mini Vijayan, S., Göen, T., Horch, R.E., Ludolph, I., Drexler, H. Impact of physiologically relevant temperatures on dermal absorption of active substances - an ex-vivo study in human skin (2020) Toxicology in Vitro, 68, art. no. 104954

Yuan, C., Ma, Y., Wang, Y., Wang, X., Qian, C., Hocquet, D., Zheng, S., Mac-Mary, S., Humbert, P. Rosacea is associated with conjoined interactions between physical barrier of the skin and microorganisms: A pilot study (2020) Journal of Clinical Laboratory Analysis, 34 (9), art. no. e23363,

Konya, I., Shishido, I., Ito, Y.M., Yano, R. Combination of minimum wiping pressure and number of wipings that can remove pseudo-skin dirt: A digital image color analysis (2020) Skin Research and Technology, 26 (5), pp. 639-647

Konya, I., Yamaguchi, S., Sugimura, N., Matsuno, C., Yano, R. Effects of differences in wiping pressure applied by nurses during daily bed baths on skin barrier function, cleanliness, and subjective evaluations (2020) Japan Journal of Nursing Science, 17 (3), art. no. e12316

Yu, Z., Liu, N., Wang, L., Chen, J., Han, L., Sun, D. Assessment of Skin Properties in Chronic Lymphedema: Measurement of Skin Stiffness, Percentage Water Content, and Transepidermal Water Loss (2020) Lymphatic Research and Biology, 18 (3), pp. 212-218

Du, H., Liu, P., Zhu, J., Lan, J., Li, Y., Zhang, L., Zhu, J., Tao, J. Hyaluronic Acid-Based Dissolving Microneedle Patch Loaded with Methotrexate for Improved Treatment of Psoriasis (2019) ACS Applied Materials and Interfaces, 11 (46), pp.

43588-43598

Massella, D., Argenziano, M., Ferri, A., Guan, J., Giraud, S., Cavalli, R., Barresi, A.A., Salaün, F. Bio-functional textiles: Combining pharmaceutical nanocarriers with fibrous materials for innovative dermatological therapies (2019) *Pharmaceutics*, 11 (8), art. no. 403

Leskur, D., Bukić, J., Petrić, A., Zekan, L., Rušić, D., Šešelja Perišin, A., Petrić, I., Stipić, M., Puizina-Ivić, N., Modun, D. Anatomical site differences of sodium lauryl sulfate-induced irritation: randomized controlled trial (2019) *British Journal of Dermatology*, 181 (1), pp. 175-185

Wallen-Russell, C. Is there a relationship between transepidermal water loss and microbial biodiversity on the skin? (2019) *Cosmetics*, 6 (1), art. no. 18

Wallace, L.A., Gwynne, L., Jenkins, T. Challenges and opportunities of pH in chronic wounds (2019) *Therapeutic Delivery*, 10 (11), pp. 719-735

Suchonwanit, P., Triyangkulsri, K., Ploydaeng, M., Leerunyakul, K. Assessing Biophysical and Physiological Profiles of Scalp Seborrheic Dermatitis in the Thai Population (2019) *BioMed Research International*, 2019, art. no. 5128376

Lee, J.S., Ha, J., Shin, K., Kim, H., Cho, S. Different cosmetic habits can affect the biophysical profile of facial skin: A study of Korean and Chinese women (2019) *Annals of Dermatology*, 31 (2), pp. 175-185

Baumrin, E., Mukansi, M.M., Sibisi, C., Mosam, A., Stamatas, G.N., Dlova, N.C. Epidermal barrier function in healthy black South African infants compared with adults (2018) *Pediatric Dermatology*, 35 (6), pp. e425-e426

Vollmer, D.L., West, V.A., Lephart, E.D. Enhancing skin health: By oral administration of natural compounds and minerals with implications to the dermal microbiome (2018) *International Journal of Molecular Sciences*, 19 (10), art. no. 3059

Lemos, C.N., Pereira, F., Dalmolin, L.F., Cubayachi, C., Ramos, D.N., Lopez, R.F.V. Nanoparticles influence in skin penetration of drugs: In vitro and in vivo characterization (2018) Nanostructures for the Engineering of Cells, Tissues and Organs: From Design to Applications, pp. 187-248.

Sengar, V., Jyoti, K., Jain, U.K., Katare, O.P., Chandra, R., Madan, J. Lipid nanoparticles for topical and transdermal delivery of pharmaceuticals and cosmeceuticals: A glorious victory (2018) Lipid Nanocarriers for Drug Targeting, pp. 413-436

Swathi Reddy, P., Sureshkumar, A., Jain, V. Sunscreens: Developments and challenges (2018) International Journal of Applied Pharmaceutics, 10 (6), pp. 54-59.

Smith, S.R., Xu, S., Estes, E., Shanler, S.D. Anatomic site-specific treatment response with 40% hydrogen peroxide (W/W) topical formulation for raised seborrheic keratoses: Pooled analysis of data from two phase 3 studies (2018) Journal of Drugs in Dermatology, 17 (10), pp. 1092-1098.

Ocampo-Candiani, J., Murashkin, N., Zkik, A., Aroman, M.S., Wolkenstein, P. Epidemiology of fragile skin: Internet-based surveys in Mexico and Russia (2017) Clinical, Cosmetic and Investigational Dermatology, 10, pp. 221-228

Tavares, L., Palma, L., Santos, O., Angélica, R.M., Julia, B.M., Rodrigues, L.M. Impact of excess body weight on skin hydration and biomechanics (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 1461-1469.

Wolfe, M.K., Wells, E., Mitro, B., Desmarais, A.M., Scheinman, P., Lantagne, D. Seeking clearer recommendations for hand hygiene in communities facing Ebola: A randomized trial investigating the impact of six handwashing methods on skin irritation and dermatitis (2016) PLoS ONE, 11 (12), art. no. e0167378,

Park, J.B., Lee, S.H., Kim, K.J., Lee, G.-Y., Yang, J.-M., Kim, D.W., Lee, S.J., Lee, C.H., Park, E.J.,

Kim, K.H., Eun, H.C., Chang, S.E., Moon, K.C., Kim, S.H., Kim, S.J., Kim, B.-S., Lee, J.Y., Kim, H.-O., Kang, H., Lee, M.G., Kim, S.-C., Ro, Y.S., Ko, J.Y., Park, M.Y., Kim, M.H., Shin, J.H., Choi, H.Y., Hong, C.K., Lee, S.Y., Bak, H., Son, S.W., Lee, A.Y. Clinical features and awareness of hand eczema in Korea (2016) Annals of Dermatology, 28 (3), pp. 335-343.

Manca, M.L., Matricardi, P., Cencetti, C., Peris, J.E., Melis, V., Carbone, C., Escribano, E., Zaru, M., Fadda, A.M., Manconi, M. Combination of argan oil and phospholipids for the development of an effective liposome-like formulation able to improve skin hydration and allantoin dermal delivery (2016) International Journal of Pharmaceutics, 505 (1-2), pp. 204-211.

Hadi, H., Awadh, A.I., Hanif, N.M., Md Sidik, N.F.A., Mohd Rani, M.R.N., Suhaimi, M.S.M. The investigation of the skin biophysical measurements focusing on daily activities, Skin care habits, And gender differences (2016) Skin Research and Technology, 22 (2), pp. 247-254

de Farias Pires, T., Azambuja, A.P., Vançan Russo Horimoto, A.R., Nakamura, M.S., de Oliveira Alvim, R., Krieger, J.E., Pereira, A.C. A population-based study of the stratum corneum moisture (2016) Clinical, Cosmetic and Investigational Dermatology, 9, pp. 79-87.

Kelchen, M.N., Siefers, K.J., Converse, C.C., Farley, M.J., Holdren, G.O., Brogden, N.K. Micropore closure kinetics are delayed following microneedle insertion in elderly subjects (2016) Journal of Controlled Release, 225, pp. 294-300

Boer, M., Duchnik, E., Maleszka, R., Marchlewicz, M. Structural and biophysical characteristics of human skin in maintaining proper epidermal barrier function (2016) Postepy Dermatologii i Alergologii, 33 (1), pp. 1-5

Almeida, I., Costa, P. Tissue-based in vitro and ex vivo models for dermal permeability studies (2016) Concepts and Models for Drug Permeability Studies: Cell and Tissue based In Vitro Culture Models, pp. 325-342

Movahednia, M.M., Kidwai, F.K., Jokhun, D.S., Squier, C.A., Toh, W.S., Cao, T. Potential

applications of keratinocytes derived from human embryonic stem cells (2016) Biotechnology Journal, 11 (1), pp. 58-70.

Franken, A., Eloff, F.C., Du Plessis, J., Du Plessis, J.L. In Vitro Permeation of Metals through Human Skin: A Review and Recommendations (2015) Chemical Research in Toxicology, 28 (12), pp. 2237-2249.

Dancik, Y., Bigliardi, P.L., Bigliardi-Qi, M. What happens in the skin? Integrating skin permeation kinetics into studies of developmental and reproductive toxicity following topical exposure (2015) Reproductive Toxicology, 58, pp. 252-281

Wright, L.K.M., Lee, R.B., Clarkson, E.D., Lumley, L.A. Female rats are less susceptible during puberty to the lethal effects of percutaneous exposure to VX (2015) Toxicology Reports, 3, pp. 895-899

Kinn, P.M., Holdren, G.O., Westermeyer, B.A., Abuissa, M., Fischer, C.L., Fairley, J.A., Brogden, K.A., Brogden, N.K. Age-dependent variation in cytokines, chemokines, and biologic analytes rinsed from the surface of healthy human skin (2015) Scientific Reports, 5, art. no. 10472, .

Svecova, D., Nemsovska, J. Contact dermatitis (2015) Contact Dermatitis, pp. 1-137.

Visscher, M.O., Adam, R., Brink, S., Odio, M. Newborn infant skin: Physiology, development, and care (2015) Clinics in Dermatology, 33 (3), pp. 271-280.

Vitorino, C., Sousa, J., Pais, A. Overcoming the skin permeation barrier: Challenges and opportunities (2015) Current Pharmaceutical Design, 21 (20), pp. 2698-2712.

Cassey, J., Salter, J., Colyvas, K., Burstal, R., Stanger, R. The effect of convective heating on evaporative heat loss in anaesthetized children (2014) Paediatric Anaesthesia, 24 (12), pp. 1274-1280

Fluhr, J.W., Lachmann, N., Baudouin, C., Msika, P., Darlenski, R., De Belilovsky, C., Bossert, J., Colomb, E., Burdin, B., Haftek, M. Development and organization of human stratum corneum after

birth: Electron microscopy isotropy score and immunocytochemical corneocyte labelling as epidermal maturation's markers in infancy (2014) British Journal of Dermatology, 171 (5), pp. 978-986

Fang, C.-L., Aljuffali, I.A., Li, Y.-C., Fang, J.-Y. Delivery and targeting of nanoparticles into hair follicles (2014) Therapeutic Delivery, 5 (9), pp. 991-1006

Ludriksone, L., Garcia Bartels, N., Kanti, V., Blume-Peytavi, U., Kottner, J. Skin barrier function in infancy: A systematic review (2014) Archives of Dermatological Research, 306 (7), pp. 591-599.

Freedman, B.I., Bowden, D.W., Smith, S.C., Xu, J., Divers, J. Relationships between electrochemical skin conductance and kidney disease in Type 2 diabetes (2014) Journal of Diabetes and its Complications, 28 (1), pp. 56-60.

Luebberding, S., Krueger, N., Kerscher, M. Skin physiology in men and women: In vivo evaluation of 300 people including TEWL, SC hydration, sebum content and skin surface pH (2013) International Journal of Cosmetic Science, 35 (5), pp. 477-483.

Husstedt, I.W., Gralow, I. Capsaicin patch in type II complex regional pain syndrome [(2013) Schmerz, 27 (5), pp. 517-519

Ammer, K. Thermology 2012 - A computer-assisted literature survey (2013) Thermology International, 23 (3), pp. 93-141

Brogden, N.K., Banks, S.L., Crofford, L.J., Stinchcomb, A.L. Diclofenac enables unprecedented week-long microneedle-enhanced delivery of a skin impermeable medication in humans (2013) Pharmaceutical Research, 30 (8), pp. 1947-1955

Yuan, C., Wang, X.-M., Galzote, C., Tan, Y.-M., Bhagat, K.V., Yuan, Z.-K., Du, J.-F., Tan, Y. Meteorology and ethnicity as critical factors in HRIPT: Comparing responses between Chinese and Indian ethnicities (2013) Regulatory Toxicology and Pharmacology, 66 (1), pp. 59-65

	<p>Ferguson, J.S., Yeshanehe, W., Matts, P., Davey, G., Mortimer, P., Fuller, C. Assessment of skin barrier function in podoconiosis: Measurement of stratum corneum hydration and transepidermal water loss (2013) <i>British Journal of Dermatology</i>, 168 (3), pp. 550-554</p> <p>Weissmueller, N.T., Schiffter, H.A., Pollard, A.J. Intradermal powder immunization with protein-containing vaccines (2013) <i>Expert Review of Vaccines</i>, 12 (6), pp. 687-702.</p> <p>Mohamad, M., Msabbri, A.R., Matjafri, M.Z. Non invasive measurement of skin hydration and transepidermal water loss in normal skin (2012) CHUSER 2012 - 2012 IEEE Colloquium on Humanities, Science and Engineering Research, art. no. 6504435, pp. 859-862</p>
Darlenski R., Tsankov N. Aquagenic syringeal acrokeratoderma (2012) <i>JDDG - Journal of the German Society of Dermatology</i> , 10 (3), pp. 198.	<p>Lin, Z.-T., Cheng, J.-W., Guo, H., Li, J.-H. Symmetrical White Transparent Papules: A Quiz (2022) <i>Acta Dermato-Venereologica</i>, 102, art. no. adv00720,</p> <p>Xiao, Q., Zhou, R., Li, Y., Zhao, L., Xiong, L., Tang, J., Li, L. Symmetrical Acrokeratoderma: A Case Report and Literature Review (2022) Clinical, Cosmetic and Investigational Dermatology, 15, pp. 247-252</p> <p>Vazquez, T., Zarei, M., Herskovitz, I., Price, A., Villada, G., Keri, J. Atypical familial aquagenic syringeal acrokeratoderma (2020) <i>Journal of Cutaneous Pathology</i>, 47 (11), pp. 991-996</p> <p>Peña-Romero, A.G., Toussaint-Caire, S., Charli-Joseph, Y., Barreda-Becerril, F.D., Domínguez-Cherit, J. From classical to unusual: Report on 5 cases of transient reactive aquagenic pseudokeratoderma and review of the literature (2017) <i>American Journal of Dermatopathology</i>, 39 (12), pp. 935-942</p> <p>Megna, M., Cantelli, M., Martellotta, D., Calabò, G., Balato, A., Ayala, F. Aquagenic wrinkling of the palms: A case report and literature review (2016) <i>Dermatology Online Journal</i>, 22 (9), 7 p</p> <p>Gönül, M., Canpolat, F., Kurmuş, G.I., Gökcé, A., Şaşmaz, R. Aquagenic syringeal acrokeratoderma (2015) <i>Turk Dermatoloji Dergisi</i>, 9 (3), pp. 145-147</p>

	<p>Li, C.-X., Han, C.-L., Zeng, K., Zhang, X.-B., Ma, Z.-L. Clinical, demographic and histopathological features of symmetrical acral keratoderma (2014) <i>British Journal of Dermatology</i>, 170 (4), pp. 948-951</p> <p>Kent, J.B., Statuta, S.M., Greer, K.E., MacKnight, J.M. Watersport Hands (2014) <i>Sports Health</i>, 6 (4), pp. 360-362</p> <p>Tennstedt, D. A singular palmoplantar dermatitis (2013) <i>Nouvelles Dermatologiques</i>, 32 (8), pp. 17-19</p> <p>Ibusuki, C., Oka, M., Fukunaga, A., Kunisada, M., Nishigori, C. Unilateral aquagenic wrinkling of the palms with a peculiar clinical course (2012) <i>European Journal of Dermatology</i>, 22 (5), pp. 679-680</p>
Fluhr J.W., Darlenski R., Lachmann N., Baudouin C., Msika P., De Belilovsky C., Hachem J.-P. Infant epidermal skin physiology: Adaptation after birth. (2012) <i>British Journal of Dermatology</i> , 166 (3) , pp. 483-490.	<p>Kelleher, M.M., Phillips, R., Brown, S.J., Cro, S., Cornelius, V., Carlsen, K.C.L., Skjerven, H.O., Rehbinder, E.M., Lowe, A.J., Dissanayake, E., Shimojo, N., Yonezawa, K., Ohya, Y., Yamamoto-Hanada, K., Morita, K., Axon, E., Cork, M., Cooke, A., Van Vogt, E., Schmitt, J., Weidinger, S., McClanahan, D., Simpson, E., Duley, L., Askie, L.M., Williams, H.C., Boyle, R.J. Skin care interventions in infants for preventing eczema and food allergy (2022) <i>Cochrane Database of Systematic Reviews</i>, 2022 (11), art. no. CD013534</p> <p>Visscher, M.O., Carr, A.N., Narendran, V. Epidermal Immunity and Function: Origin in Neonatal Skin (2022) <i>Frontiers in Molecular Biosciences</i>, 9, art. no. 894496</p> <p>Dwyer, L.R., Scharschmidt, T.C. Early life host-microbe interactions in skin (2022) <i>Cell Host and Microbe</i>, 30 (5), pp. 684-695</p> <p>Majima, Y., Kobayashi, Y. Comparison of perianal skin barrier function with moisturizer application in Japanese full-term newborns (2022) <i>Pediatric Dermatology</i>, 39 (3), pp. 394-399.</p> <p>Jung, S., Park, G.H., Kim, E., Yoo, K.M., Kim, H.W., Lee, J.S., Chang, M.Y., Shin, K.-O., Park, K., Choi, E.H. Rosmarinic Acid, as an NHE1 Activator, Decreases Skin Surface pH and Improves the Skin Barrier Function (2022) <i>International Journal of Molecular Sciences</i>, 23</p>

(7), art. no. 3910, .

Gefen, A., Alves, P., Ciprandi, G., Coyer, F., Milne, C.T., Ousey, K., Ohura, N., Waters, N., Worsley, P., Black, J., Barakat-Johnson, M., Beeckman, D., Fletcher, J., Kirkland-Kyhn, H., Lahmann, N.A., Moore, Z., Payan, Y., Schlüter, A.-B. Device-related pressure ulcers: SECURE prevention. Second edition (2022) *Journal of Wound Care*, 31, pp. S1-S72

Schachner, L.A., Blume-Peytavi, U., Andriessen, A., Izakovic, J., Maruani, A., Micali, G., Murashkin, N., Salavastru, C., Torrelo, A. Expert consensus on ceramides containing skincare in newborns and infants and potential mitigation of atopic dermatitis (2022) *Italian Journal of Dermatology and Venereology*, 157 (1), pp. 23-32

Sehgal, A., Singh, A. The influence of PH on skin's surface (2022) *Journal of Pharmaceutical Negative Results*, 13, pp. 2012-2023

Yokoyama, M., Yonezawa, K., Matsubara, M., Hikita, N., Sasagawa, E., Haruna, M. The factors related to recovery time of diaper dermatitis in infants: A prospective observational study (2022) *Japan Journal of Nursing Science*

Yun, Y.E., Calderon-Nieva, D., Hamadeh, A., Edginton, A.N. Development and Evaluation of an In Silico Dermal Absorption Model Relevant for Children (2022) *Pharmaceutics*, 14 (1), art. no. 172, .

Mihucz, V.G., Ruus, A., Raamets, J., Wimmerová, L., Vera, T., Bossi, R., Huttunen, K. A review of microbial and chemical assessment of indoor surfaces (2022) *Applied Spectroscopy Reviews*, 57 (9-10), pp. 817-889

Shin, K.-O., Crumrine, D.A., Kim, S., Lee, Y., Kim, B., Abuabara, K., Park, C., Uchida, Y., Wakefield, J.S., Meyer, J.M., Jeong, S., Park, B.D., Park, K., Elias, P.M. Phenotypic overlap between atopic dermatitis and autism (2021) *BMC Neuroscience*, 22 (1), art. no. 43

Visscher, M.O., Hu, P., Carr, A.N., Bascom, C.C., Isfort, R.J., Creswell, K., Adams, R., Tiesman, J.P., Lammers, K., Narendran, V. Newborn infant skin gene expression: Remarkable differences

versus adults (2021) PLoS ONE, 16 (10 October), art. no. e0258554

Le Pors, C., Talagas, M., Abasq-Thomas, C., Henry, S., Misery, L., Roué, J.-M. What do we know about pruritus in very young infants? A literature review (2021) Cells, 10 (10), art. no. 2788

Alenius, H., Sinkko, H., Moitinho-Silva, L., Rodriguez, E., Broderick, C., Alexander, H., Reiger, M., Hjelmsø, M.H., Fyhrquist, N., Olah, P., Bryce, P., Smith, C., Koning, F., Eyerich, K., Greco, D., van den Bogaard, E.H., Neumann, A.U., Traidl-Hoffmann, C., Homey, B., Flohr, C., Bønnelykke, K., Stokholm, J., Weidinger, S. The power and potential of BIOMAP to elucidate host-microbiome interplay in skin inflammatory diseases (2021) Experimental Dermatology, 30 (10), pp. 1517-1531

Lukić, M., Pantelić, I., Savić, S.D. Towards optimal pH of the skin and topical formulations: From the current state of the art to tailored products (2021) Cosmetics, 8 (3), art. no. 69

Ye, Y., Zhao, P., Dou, L., Zhang, Y., Ken, K., Gu, H., Dou, Y., Gao, W., He, L., Chen, X., Huang, X., Zhang, L., Li, Y., Wang, L., Yan, W. Dynamic trends in skin barrier function from birth to age 6 months and infantile atopic dermatitis: A Chinese prospective cohort study (2021) Clinical and Translational Allergy, 11 (5), art. no. e12043,

Zakharova, I.N., Pshenichnikova, I.I., Tvorogova, T.M. Diaper dermatitis: Differential diagnosis and prevention issues (2021) Meditsinskiy Sovet, 2021 (1), pp. 14-19

Tantcheva-Poór, I., Hömberg, M., Kribs, A., Peters, F. Challenges in neonatal dermatology: An introduction (2021) Hautarzt, 72 (3), pp. 185-193.

Kelleher, M.M., Cro, S., Cornelius, V., Lodrup Carlsen, K.C., Skjerven, H.O., Rehbinder, E.M., Lowe, A.J., Dissanayake, E., Shimojo, N., Yonezawa, K., Ohya, Y., Yamamoto-Hanada, K., Morita, K., Axon, E., Surber, C., Cork, M., Cooke, A., Tran, L., Van Vogt, E., Schmitt, J., Weidinger, S., McClanahan, D., Simpson, E., Duley, L., Askie, L.M., Chalmers, J.R., Williams,

H.C., Boyle, R.J. Skin care interventions in infants for preventing eczema and food allergy (2021) Cochrane Database of Systematic Reviews, 2021 (2), art. no. CD013534

Madhu, R., Chandran, V., Anandan, V., Neduncheilan, K., Thangavelu, S., Soans, S.T., Shastri, D.D., Parekh, B.J., Kumar, R.R., Basavaraja, G.V. Indian Academy of Pediatrics Guidelines for Pediatric Skin Care (2021) Indian Pediatrics, 58 (2), pp. 153-161

Taşdemir, H.İ., Efe, E. The effect of delaying first bathing on skin barrier function in late preterm infants: A study protocol for multi-centre, single-blind RCT (2021) Journal of Advanced Nursing, 77 (2), pp. 1051-1061.

Zakharova, I.N., Tvorogova, T.M., Berezhnaya, I.V., Pshenichnikova, I.I., Dmitrieva, Y.A., Tsutsaeva, A.N., Machneva, E.B., Yudina, A.E., Pupykina, V.V. Differentiated approach to the prescription of dexamethasone drugs in the practice of a pediatrician (2021) Meditsinskiy Sovet, 2021 (21-1), pp. 212-223

Tamrazova, O.B., Dubovets, N.F., Tamrazova, A.V., Seleznev, S.P. Role of emollients in the prevention of skin diseases in young children (2021) Meditsinskiy Sovet, 2021 (1), pp. 158-166

Chaturvedi, S., Randive, B., Pathak, A., Agarkhedkar, S., Tillu, G., Darmstadt, G.L., Patwardhan, B. Prevalence and perceptions of infant massage in India: study from Maharashtra and Madhya Pradesh states (2020) BMC Pediatrics, 20 (1), art. no. 512

Nie, A.M. Pressure Injury Prevention and Treatment in Critically Ill Children (2020) Critical Care Nursing Clinics of North America, 32 (4), pp. 521-531

Tamrazova, O.B., Seleznev, S.P., Tamrazova, A.V. Natural cosmetics in the care of young children (2020) Pediatriya - Zhurnal im G.N. Speranskogo, 99 (6), pp. 155-162.

Kovács, A., Péter-Héderi, D., Perei, K., Budai-Szűcs, M., Léber, A., Gácsi, A., Csányi, E., Berkó, S. Effects of formulation excipients on skin barrier function in creams used in pediatric

care (2020) Pharmaceutics, 12 (8), art. no. 729, pp. 1-15

Nazaroff, W.W., Weschler, C.J. Indoor acids and bases (2020) Indoor Air, 30 (4), pp. 559-644

Ní Chaoimh, C., Nico, C., Puppels, G.J., Caspers, P.J., Wong, X.F.C.C., Common, J.E., Irvine, A.D., Hourihane, J.O. In vivo Raman spectroscopy discriminates between FLG loss-of-function carriers vs wild-type in day 1-4 neonates (2020) Annals of Allergy, Asthma and Immunology, 124 (5), pp. 500-504.

Wang, Z., Man, M.-Q., Li, T., Elias, P.M., Mauro, T.M. Aging-associated alterations in epidermal function and their clinical significance (2020) Aging, 12 (6), pp. 5551-5565.

Starostina, L.S. Infant skin care: Prevention of diaper dermatitis (2020) Meditsinskiy Sovet, 2020 (1), pp. 41-49

Proksch, E., Soeberdt, M., Neumann, C., Kilic, A., Reich, H., Abels, C. Influence of Buffers of Different pH and Composition on the Murine Skin Barrier, Epidermal Proliferation, Differentiation, and Inflammation (2019) Skin Pharmacology and Physiology, 32 (6), pp. 328-336

Delmore, B., Deppisch, M., Sylvia, C., Luna-Anderson, C., Nie, A.M. Pressure Injuries in the Pediatric Population: A National Pressure Ulcer Advisory Panel White Paper (2019) Advances in Skin and Wound Care, 32 (9), pp. 394-408

Hughes-Formella, B., Wunderlich, O., Williams, R., Fernández, J., Kim, Y.Z., Wigger-Alberti, W., Pecquet, S., Moodycliffe, A. Comparison of skin structural and functional parameters in well-nourished and moderately undernourished infants (2019) Skin Pharmacology and Physiology, 32 (4), pp. 212-223

Yan, D.-C., Hung, C.-H., Sy, L.B., Lue, K.-H., Shih, I.-H., Yang, C.-Y., Chen, L.-C., Sun, H.-L., Lee, M.-S., Chambard, J., Tanguy, J., Hughes-Formella, B., Nutten, S., Blanchard, C. A randomized, double-blind, placebo-controlled trial assessing the oral administration of a heat-treated lactobacillus paracasei supplement in infants with

atopic dermatitis receiving topical corticosteroid therapy (2019) Skin Pharmacology and Physiology, 32 (4), pp. 201-211

Fluhr, J.W., Bellemère, G., Ferrari, C., De Belilovsky, C., Boyer, G., Lachmann, N., McGuckin, C.P., Forraz, N., Darlenski, R., Chadoutaud, B., Msika, P., Baudouin, C., Pellacani, G. Age-Dependent Transformation of Skin Biomechanical Properties and Micromorphology during Infancy and Childhood (2019) Journal of Investigative Dermatology, 139 (2), pp. 464-466

Duan, Y., Ma, L., Galzote, C., Fan-Qi, K., Chun-Ping, S. A randomized pilot clinical assessment of three skincare regimens on skin conditions in infants (2019) Clinical, Cosmetic and Investigational Dermatology, 12, pp. 895-909

Techasatian, L., Sanaphay, V., Paopongsawan, P., Schachner, L.A. Neonatal birthmarks: A prospective survey in 1000 neonates (2019) Global Pediatric Health, 6, pp. 1-8.

Haydoint, V., Bernard, B.A., Fortunel, N.O. Age-related evolutions of the dermis: Clinical signs, fibroblast and extracellular matrix dynamics (2019) Mechanisms of Ageing and Development, 177, pp. 150-156

Siri Sindhura, D.K., Jain, V. Infant's skin and care needs with special consideration to formulation additives (2018) Asian Journal of Pharmaceutical and Clinical Research, 11 (12), pp. 75-81

Osseiran, S., Cruz, J.D., Jeong, S., Wang, H., Fthenakis, C., Evans, C.L. Characterizing the stratum corneum structure, barrier function, and chemical content of human skin with coherent Raman scattering imaging (2018) Biomedical Optics Express, 9 (12), art. no. #345793, pp. 6425-6443

Felter, S., Kern, P., Ryan, C. Allergic contact dermatitis: Adequacy of the default 10X assessment factor for human variability to protect infants and children (2018) Regulatory Toxicology and Pharmacology, 99, pp. 116-121

Proksch, E. pH in nature, humans and skin (2018) Journal of Dermatology, 45 (9), pp. 1044-1052

Anders, N., Cooke, A. Examination of the skin (2018) The Student Guide to the Newborn Infant Physical Examination, pp. 157-178.

Proksch, E. Lowering skin pH: improved barrier function, anti-ageing and beyond (2018) British Journal of Dermatology, 179 (2), pp. 254-255.

McAleer, M.A., Jakasa, I., Raj, N., O'Donnell, C.P.F., Lane, M.E., Rawlings, A.V., Voegeli, R., McLean, W.H.I., Kezic, S., Irvine, A.D. Early-life regional and temporal variation in filaggrin-derived natural moisturizing factor, filaggrin-processing enzyme activity, corneocyte phenotypes and plasmin activity: implications for atopic dermatitis (2018) British Journal of Dermatology, 179 (2), pp. 431-441.

Cordero, E., Latka, I., Matthaüs, C., Schie, I.W., Popp, J. In-vivo Raman spectroscopy: From basics to applications (2018) Journal of Biomedical Optics, 23 (7), art. no. 071210

Lünnemann, L., Ludriksone, L., Schario, M., Sawatzky, S., Stroux, A., Blume-Peytavi, U., Garcia Bartels, N. Noninvasive monitoring of plant-based formulations on skin barrier properties in infants with dry skin and risk for atopic dermatitis (2018) International Journal of Women's Dermatology, 4 (2), pp. 95-101

Vitral, G.L.N., Lopes Aguiar, R.A.P., Fonseca de Souza, I.M., Rego, M.A.S., Guimarães, R.N., Reis, Z.S.N. Skin thickness as a potential marker of gestational age at birth despite different fetal growth profiles: A feasibility study (2018) PLoS ONE, 13 (4), art. no. e0196542

Cooke, A. Infant dry skin: Clinical practice and the evidence to support it (2018) British Journal of Midwifery, 26 (3), pp. 150-156.

Tončić, R.J., Kezić, S., Hadžavdić, S.L., Marinović, B. Skin barrier and dry skin in the mature patient (2018) Clinics in Dermatology, 36 (2), pp. 109-115

Murashkin, N.N., Ambarchian, E.T., Epishev, R.V., Materikin, A.I., Fedorov, D.V. Contemporary view of the structural and functional peculiarities of the skin, items of care

and prevention of dermatological pathology in infants (2018) Voprosy Sovremennoi Pediatrii - Current Pediatrics, 17 (4), pp. 341-345

Proksch, E. Buffering Capacity (2018) Current Problems in Dermatology (Switzerland), 54, pp. 11-18

Cooke, A., Bedwell, C., Campbell, M., McGowan, L., Ersser, S.J., Lavender, T. Skin care for healthy babies at term: A systematic review of the evidence (2018) Midwifery, 56, pp. 29-43

Kanti, V., Günther, M., Stroux, A., Sawatzky, S., Henrich, W., Abou-Dakn, M., Blume-Peytavi, U., Garcia Bartels, N. Influence of sunflower seed oil or baby lotion on the skin barrier function of newborns: A pilot study (2017) Journal of Cosmetic Dermatology, 16 (4), pp. 500-507

Felter, S.P., Carr, A.N., Zhu, T., Kirsch, T., Niu, G. Safety evaluation for ingredients used in baby care products: Consideration of diaper rash (2017) Regulatory Toxicology and Pharmacology, 90, pp. 214-221

Visscher, M.O. Infant skin hydration (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 149-159.

Bekö, G., Morrison, G., Weschler, C.J., Koch, H.M., Pälmke, C., Saltherammer, T., Schripp, T., Toftum, J., Clausen, G. Measurements of dermal uptake of nicotine directly from air and clothing (2017) Indoor Air, 27 (2), pp. 427-433

Hoath, S.B., Shah, K.N. Multiple Physiologic Roles of the Skin at Birth (2017) Fetal and Neonatal Physiology, 2-Volume Set, pp. 498-514.e4.

Li, B.S., Ngo, M.A., Maibach, H.I. Clinical relevance of complex factors of percutaneous penetration in man (2017) Current Topics in Pharmacology, 21, pp. 85-107

Yuan, C., Zou, Y., Xueqiu, Y., Shima, K., Miyauchi, Y., Naoe, A., Naito, S., Fujimura, T., Hotta, M., Kitahara, T., Wang, X. Properties of Skin in Chinese Infants: Developmental Changes in Ceramides and in Protein Secondary Structure

of the Stratum Corneum (2017) BioMed Research International, 2017, art. no. 3594629

Claudel, J.-P. Hygiene for the newborn in 5 questions (2017) Medecine Therapeutique Pediatrie, 20 (1), pp. 15-17

Smith, A.R., Knaysi, G., Wilson, J.M., Wisniewski, J.A. The Skin as a Route of Allergen Exposure: Part I. Immune Components and Mechanisms (2017) Current Allergy and Asthma Reports, 17 (1), art. no. 6

Knudsen, G.A., Hughes, M.F., Sanders, J.M., Hall, S.M., Birnbaum, L.S. Estimation of human percutaneous bioavailability for two novel brominated flame retardants, 2-ethylhexyl 2,3,4,5-tetrabromobenzoate (EH-TBB) and bis(2-ethylhexyl) tetrabromophthalate (BEH-TEBP) (2016) Toxicology and Applied Pharmacology, 311, pp. 117-127

Dey, S., Purdon, M., Kirsch, T., Helbich, H., Kerr, K., Li, L., Zhou, S. Exposure Factor considerations for safety evaluation of modern disposable diapers (2016) Regulatory Toxicology and Pharmacology, 81, pp. 183-193

Shoda, T., Futamura, M., Yang, L., Yamamoto-Hanada, K., Narita, M., Saito, H., Ohya, Y. Timing of eczema onset and risk of food allergy at 3 years of age: A hospital-based prospective birth cohort study (2016) Journal of Dermatological Science, 84 (2), pp. 144-148

Johnson, D.E., Samra, H.A. Extremely Preterm Infant Skin Care: A Transformation of Practice Aimed to Prevent Harm (2016) Advances in Neonatal Care, 16, pp. S26-S32.

Kemény, L., Nagy, N., Csoma, Z., Szabó, K., Erős, G. Pharmacological targeting of the epidermal barrier (2016) Current Pharmaceutical Design, 22 (35), pp. 5373-5381

Chittock, J., Cooke, A., Lavender, T., Brown, K., Wigley, A., Victor, S., Cork, M.J., Danby, S.G. Development of stratum corneum chymotrypsin-like protease activity and natural moisturizing factors from birth to 4 weeks of age compared with adults (2016) British Journal of Dermatology, 175 (4), pp. 713-720

Walters, R.M., Khanna, P., Chu, M., Mack, M.C. Developmental changes in skin barrier and structure during the first 5 years of life (2016) Skin Pharmacology and Physiology, 29 (3), pp. 111-118

Amm, B., Kao, T.-J., Newell, J., Isaacson, D., Saulnier, G., Shoudy, D., Boverman, G., Sahni, R., Weindler, M., Chong, D., Dibardino, D., Davenport, D., Ashe, J. Comparison of impedance measurements near the skin of newborns and adults (2016) Physiological Measurement, 37 (6), pp. 938-950

Miyauchi, Y., Shimaoka, Y., Fujimura, T., Koike, Y., Yatabe, M., Nishikawa, M., Hayashi, M., Sugata, K., Moriwaki, S., Hatamochi, A. Developmental Changes in Neonatal and Infant Skin Structures during the First 6 Months: In Vivo Observation (2016) Pediatric Dermatology, 33 (3), pp. 289-295

Ilchenko, O., Pilgun, Y., Makhnii, T., Slipets, R., Reynt, A., Kutsyk, A., Slobodianiuk, D., Koliada, A., Krasnenkov, D., Kukharskyy, V. High-speed line-focus Raman microscopy with spectral decomposition of mouse skin (2016) Vibrational Spectroscopy, 83, pp. 180-190

Cooke, A., Cork, M.J., Victor, S., Campbell, M., Danby, S., Chittock, J., Lavender, T. Olive oil, sunflower oil or no oil for baby dry skin or massage: A pilot, assessor-blinded, randomized controlled trial (the oil in baby skincare [observe] study) (2016) Acta Dermato-Venereologica, 96 (3), pp. 323-331

Jurica, S.A., Čolić, A., Gverić-Ahmetašević, S., Lončarević, D., Filipović-Grčić, B., Stipanović-Kastelić, J., Rešić, A. Skin of the very premature newborn - Physiology and care (2016) Paediatricia Croatica, 60 (1), pp. 21-26

Hugill, K. Vascular access in neonatal care settings: Selecting the appropriate device (2016) British Journal of Nursing, 25 (3), pp. 171-176

Danby, S.G. Biological Variation in Skin Barrier Function: From A (Atopic Dermatitis) to X (Xerosis) (2016) Current Problems in Dermatology (Switzerland), 49, pp. 47-60

Mathanda, T.R., M. Bhat, R., Hegde, P., Anand, S. Transepidermal Water Loss in Neonates: Baseline Values Using a Closed-Chamber System (2016) Pediatric Dermatology, 33 (1), pp. 33-37

Dancik, Y., Bigliardi, P.L., Bigliardi-Qi, M. What happens in the skin? Integrating skin permeation kinetics into studies of developmental and reproductive toxicity following topical exposure (2015) Reproductive Toxicology, 58, pp. 252-281.

Falcone, D., Uzunbajakava, N.E., Varghese, B., De Aquino Santos, G.R., Richters, R.J.H., Van De Kerkhof, P.C.M., Van Erp, P.E.J. Microspectroscopic Confocal Raman and Macroscopic Biophysical Measurements in the in vivo Assessment of the Skin Barrier: Perspective for Dermatology and Cosmetic Sciences (2015) Skin Pharmacology and Physiology, 28 (6), pp. 307-317

Correa, M.C.M., Johnson, D.R., Hirsch, J.B., Martin, K.M. Eczema, xerosis, and cutaneous barrier repair (2015) Cosmeceuticals and Active Cosmetics, Third Edition, pp. 331-342

Merrill, L. Prevention, Treatment and Parent Education for Diaper Dermatitis (2015) Nursing for Women's Health, 19 (4), pp. 324-337

Sarre, M.-E., Martin, L., Moote, W., Mazza, J.A., Annweiler, C. Are baths desirable in atopic dermatitis? (2015) Journal of the European Academy of Dermatology and Venereology, 29 (7), pp. 1265-1274

Wobser, M., Ernestus, K., Hamm, H. Pediatric dermatohistopathology - histopathology of skin diseases in newborns and infants (2015) JDDG - Journal of the German Society of Dermatology, 13 (6), pp. 535-548

Thyssen, J.P., Zirwas, M.J., Elias, P.M. Potential role of reduced environmental UV exposure as a driver of the current epidemic of atopic dermatitis (2015) Journal of Allergy and Clinical Immunology, 136 (5), pp. 1163-1169

Paslin, D.A., Reykjalin, E., Tsadik, E., Schour, L., Lucas, A. A Molluscum contagiosum fusion protein inhibits CCL1-induced chemotaxis of

cells expressing CCR8 and penetrates human neonatal foreskins: clinical applications proposed (2015) Archives of Dermatological Research, 307 (3), pp. 275-280

Felter, S.P., Daston, G.P., Euling, S.Y., Piersma, A.H., Tassinari, M.S. Assessment of health risks resulting from early-life exposures: Are current chemical toxicity testing protocols and risk assessment methods adequate? (2015) Critical Reviews in Toxicology, 45 (3), pp. 219-244

Visscher, M.O., Adam, R., Brink, S., Odio, M. Newborn infant skin: Physiology, development, and care (2015) Clinics in Dermatology, 33 (3), pp. 271-280

Dey, S., Rothe, H., Page, L., O'Connor, R., Farahmand, S., Toner, F., Marsh, R., Wehmeyer, K., Zhou, S. An in vitro skin penetration model for compromised skin: Estimating penetration of polyethylene glycol [14C]-PEG-7 phosphate (2015) Skin Pharmacology and Physiology, 28 (1), pp. 12-21.

Cassey, J., Salter, J., Colyvas, K., Burstal, R., Stanger, R. The effect of convective heating on evaporative heat loss in anaesthetized children (2014) Paediatric Anaesthesia, 24 (12), pp. 1274-1280.

Coughlin, C.C., Taïeb, A. Evolving concepts of neonatal skin (2014) Pediatric Dermatology, 31 (s1), pp. 5-8

Fluhr, J.W., Lachmann, N., Baudouin, C., Msika, P., Darlenski, R., De Belilovsky, C., Bossert, J., Colomb, E., Burdin, B., Haftek, M. Development and organization of human stratum corneum after birth: Electron microscopy isotropy score and immunocytochemical corneocyte labelling as epidermal maturation's markers in infancy (2014) British Journal of Dermatology, 171 (5), pp. 978-986

Roberta, R., Patrizi, K.A., Cocchi, G., Faldella, G., Raone, B. Comparison of two different neonatal skin care practices and their influence on transepidermal water loss in healthy newborns within first 10 days of life (2014) Minerva Pediatrica, 66 (5), pp. 369-374

Hugill, K. Neonatal skin cleansing revisited: Whether or not to use skin cleansing products (2014) British Journal of Midwifery, 22 (10), pp. 694-698

Delgado-Charro, M.B., Guy, R.H. Effective use of transdermal drug delivery in children (2014) Advanced Drug Delivery Reviews, 73, pp. 63-82

Weschler, C.J., Nazaroff, W.W. Dermal uptake of organic vapors commonly found in indoor air (2014) Environmental Science and Technology, 48 (2), pp. 1230-1237

Hoath, S.B. Development of the stratum corneum (2014) British Journal of Dermatology, 171, pp. 2-5.

Ludriksone, L., Garcia Bartels, N., Kanti, V., Blume-Peytavi, U., Kottner, J. Skin barrier function in infancy: A systematic review (2014) Archives of Dermatological Research, 306 (7), pp. 591-599

Kanti, V., Bonzel, A., Stroux, A., Proquitté, H., Bührer, C., Blume-Peytavi, U., Garcia Bartels, N. Postnatal maturation of skin barrier function in premature infants (2014) Skin Pharmacology and Physiology, 27 (5), pp. 234-241

Bonnist, E.Y.M., Pudney, P.D.A., Weddell, L.A., Campbell, J., Baines, F.L., Paterson, S.E., Matheson, J.R. Understanding the dandruff scalp before and after treatment: An in vivo Raman spectroscopic study (2014) International Journal of Cosmetic Science, 36 (4), pp. 347-354

Gong, M., Zhang, Y., Weschler, C.J. Predicting dermal absorption of gas-phase chemicals: Transient model development, evaluation, and application (2014) Indoor Air, 24 (3), pp. 292-306

Schario, M., Lünnemann, L., Stroux, A., Reisshauer, A., Zuberbier, T., Blume-Peytavi, U., Garcia Bartels, N. Children with dry skin and atopic predisposition: Daily use of emollients in a participant-blinded, randomized, prospective trial (2014) Skin Pharmacology and Physiology, 27 (4), pp. 208-216

Raone, B., Raboni, R., Rizzo, N., Simonazzi, G., Patrizi, A. Transepidermal water loss in newborns

	<p>within the first 24 hours of life: Baseline values and comparison with adults (2014) Pediatric Dermatology, 31 (2), pp. 191-195</p> <p>Eichenfield, L.F., Elias, P.M., Fowler, J.F., Horowitz, P., McLeod, R.P. Understanding skin barrier differences: A demographic, cultural, and medical diversity viewpoint (2013) Seminars in Cutaneous Medicine and Surgery, 32, pp. S16-S20</p> <p>Beleites, C., Bonifacio, A., Codrich, D., Krafft, C., Sergo, V. Raman spectroscopy and imaging: Promising optical diagnostic tools in pediatrics (2013) Current Medicinal Chemistry, 20 (17), pp. 2176-2187</p> <p>Muizzuddin, N., Ingrassia, M., Marenus, K.D., Maes, D.H., Mammone, T. Effect of seasonal and geographical differences on skin and effect of treatment with an osmoprotectant: Sorbitol (2013) Journal of Cosmetic Science, 64 (3), pp. 165-174</p> <p>Puppels, G.J., Caspers, P.J., Koljenović, S., Neumann, H.A.M. Identification of newborns with a high risk for development of atopic dermatitis using Raman Spectroscopy. (2013) Nederlands Tijdschrift voor Dermatologie en Venereologie, 23 (3), pp. 144-146</p> <p>Ali, S.M., Yosipovitch, G. Skin pH: From basic science to basic skin care (2013) Acta Dermato-Venereologica, 93 (3), pp. 261-267</p> <p>Dyer, J.A. Newborn skin care (2013) Seminars in Perinatology, 37 (1), pp. 3-7.</p> <p>King, A., Balaji, S., Keswani, S.G. Biology and Function of Fetal and Pediatric Skin (2013) Facial Plastic Surgery Clinics of North America, 21 (1), pp. 1-6</p> <p>Danby, S.G., Alenezi, T., Sultan, A., Lavender, T., Chittock, J., Brown, K., Cork, M.J. Effect of olive and sunflower seed oil on the adult skin barrier: Implications for neonatal skin care (2013) Pediatric Dermatology, 30 (1), pp. 42-50.</p>
Darlenski R., Fluhr J.W. Moisturizers and emollients. (2011) Practical Aspects of Cosmetic Testing: How to Set up a Scientific Study in Skin Physiology, , pp. 123-141	Damasceno, G.A.B., Barreto, S.M.A.G., Reginaldo, F.P.S., Souto, A.L., Negreiros, M.M.F., Viana, R.L.S., Pinto, T.K.B., Daher, C.C., Silva-Filho, J.A.A., Moura, R.A.O., Silva, M.A.,

	<p>Silveira, W.L.L., Medeiros, A.A., Ostrosky, E.A., Veríssimo, L.M., Sasaki, G.L., Lopes, P.S., Sales, V.S.F., Rocha, H.A.O., Cavalheiro, A.J., Giordani, R.B., Ferrari, M. <i>Prosopis juliflora</i> as a new cosmetic ingredient: Development and clinical evaluation of a bioactive moisturizing and anti-aging innovative solid core (2020) <i>Carbohydrate Polymers</i>, 233, art. no. 115854</p> <p>Komane, B., Vermaak, I., Kamatou, G., Summers, B., Viljoen, A. The topical efficacy and safety of <i>Citrullus lanatus</i> seed oil: A short-term clinical assessment (2017) <i>South African Journal of Botany</i>, 112, pp. 466-473</p> <p>Wickett, R.R., Damjanovic, B. Quantitation of 24-Hour Moisturization by Electrical Measurements of Skin Hydration (2017) <i>Journal of Wound, Ostomy and Continence Nursing</i>, 44 (5), pp. 487-491</p> <p>Venter, T., Fox, L.T., Gerber, M., Du Preez, J.L., Van Zyl, S., Boneschans, B., du Plessis, J. Physical stability and clinical efficacy of <i>Crocodylus niloticus</i> oil lotion (2016) <i>Revista Brasileira de Farmacognosia</i>, 26 (4), pp. 521-529</p>
Darlenski R., Fluhr J.W. Antiperspirants and deodorants. (2011) Practical Aspects of Cosmetic Testing: How to Set up a Scientific Study in Skin Physiology, , pp. 217-226.	<p>Couteau, C., Morin, T., Diarra, H., Coiffard, L. Influence of Cosmetic Type and Distribution Channel on the Presence of Regulated Fragrance Allergens: Study of 2044 Commercial Products (2020) <i>Clinical Reviews in Allergy and Immunology</i>, 59 (1), pp. 101-108</p> <p>Klaschka, U. Contact allergens for armpits-Allergenic fragrances specified on deodorants (2012) <i>International Journal of Hygiene and Environmental Health</i>, 215 (6), pp. 584-591</p>
Kleesz P., Darlenski R., Fluhr J.W. Full-body skin mapping for six biophysical parameters: Baseline values at 16 anatomical sites in 125 human subjects. (2011) <i>Skin Pharmacology and Physiology</i> , 25 (1) , pp. 25-33.	<p>Voegeli, R., Cherel, M., Schoop, R., Rawlings, A.V. A comprehensive comparison of facial skin hydration based on capacitance and conductance measurements in Chinese women (2022) <i>International Journal of Cosmetic Science</i>, 44 (6), pp. 703-718.</p> <p>Gupta, N., Gupta, G.D., Singh, D. Localized topical drug delivery systems for skin cancer: Current approaches and future prospects (2022) <i>Frontiers in Nanotechnology</i>, 4, art. no. 1006628</p> <p>Koudounas, S., Bader, D.L., Voegeli, D. An Exploratory Study of the Effects of the pH of Synthetic Urine on Skin Integrity in Healthy</p>

	Participants (2022) Skin Pharmacology and Physiology, 35 (3), pp. 166-173
	Ji, Y., Song, J., Shen, P. A review of studies and modelling of solar radiation on human thermal comfort in outdoor environment (2022) Building and Environment, 214, art. no. 108891
	Mangez, C., Roux, P.-F., Stamatas, G., Oddos, T., Brun, C. An integrative multi-omic analysis reveals a major metabolic rewiring between baby foreskin keratinocytes and adult female abdominal keratinocytes (2022) Experimental Dermatology, 31 (4), pp. 622-627
	Seo, J.I., Ham, H.I., Baek, J.H., Shin, M.K. An objective skin-type classification based on non-invasive biophysical parameters (2022) Journal of the European Academy of Dermatology and Venereology, 36 (3), pp. 444-452.
	Patel, K., Nixon, R. Allergic contact dermatitis from black rubber in firefighters' masks: A case series (2022) Contact Dermatitis, 86 (2), pp. 136-137
	Sehgal, A., Singh, A. The influence of PH on skin's surface (2022) Journal of Pharmaceutical Negative Results, 13, pp. 2012-2023.
	Hüppop, F., Dähnhardt-Pfeiffer, S., Fölster-Holst, R. Characterization of Classical Flexural and Nummular Forms of Atopic Dermatitis in Childhood with Regard to Anamnestic, Clinical and Epidermal Barrier Aspects (2022) Acta Dermato-Venereologica, 102, art. no. adv00664, .
	Chaturvedi, P., Worsley, P.R., Zanelli, G., Kroon, W., Bader, D.L. Quantifying skin sensitivity caused by mechanical insults: A review (2022) Skin Research and Technology, 28 (1), pp. 187-199
	Jobanputra, R.D., Hayes, J., Royyuru, S., Masen, M.A. A numerical analysis of skin–PPE interaction to prevent facial tissue injury (2021) Scientific Reports, 11 (1), art. no. 16248
	Fölster-Holst, R., Reimer, R., Neumann, C., Proksch, E., Rodriguez, E., Weidinger, S., Goldust, M., Hanisch, E., Dähnhardt-Pfeiffer, S., Freitag-Wolf, S. Comparison of epidermal barrier

integrity in adults with classic atopic dermatitis, atopic prurigo and non-atopic prurigo nodularis (2021) *Biology*, 10 (10), art. no. 1008

Kapitány, A., Medgyesi, B., Jenei, A., Somogyi, O., Szabó, L., Gáspár, K., Méhes, G., Hendrik, Z., Dócs, K., Szücs, P., Dajnoki, Z., Szegedi, A. Regional differences in the permeability barrier of the skin—implications in acantholytic skin diseases (2021) *International Journal of Molecular Sciences*, 22 (19), art. no. 10428

Stan, D., Tanase, C., Avram, M., Apetrei, R., Mincu, N.-B., Mateescu, A.L., Stan, D. Wound healing applications of creams and “smart” hydrogels (2021) *Experimental Dermatology*, 30 (9), pp. 1218-1232

Lukić, M., Pantelić, I., Savić, S.D. Towards optimal pH of the skin and topical formulations: From the current state of the art to tailored products (2021) *Cosmetics*, 8 (3), art. no. 69

Han, H.S., Shin, S.H., Park, J.W., Li, K., Kim, B.J., Yoo, K.H. Changes in skin characteristics after using respiratory protective equipment (medical masks and respirators) in the COVID-19 pandemic among healthcare workers (2021) *Contact Dermatitis*, 85 (2), pp. 225-232

Ye, Y., Zhao, P., Dou, L., Zhang, Y., Ken, K., Gu, H., Dou, Y., Gao, W., He, L., Chen, X., Huang, X., Zhang, L., Li, Y., Wang, L., Yan, W. Dynamic trends in skin barrier function from birth to age 6 months and infantile atopic dermatitis: A Chinese prospective cohort study (2021) *Clinical and Translational Allergy*, 11 (5), art. no. e12043

Kurtti, A., Nguyen, J.K., Weedon, J., Mamalis, A., Lai, Y., Masub, N., Geisler, A., Siegel, D.M., Jagdeo, J.R. Light emitting diode-red light for reduction of post-surgical scarring: Results from a dose-ranging, split-face, randomized controlled trial (2021) *Journal of Biophotonics*, 14 (7), art. no. e202100073

Nitiyarom.M.D., R., Siriwat.M.D., N., Wisuthsarewong.M.D., W. Transepidermal Water Loss after Water Immersion (2021) *Siriraj Medical Journal*, 73 (6), pp. 386-390
Fu, X., Cheong, Y.-H., Ahamed, A., Zhou, C., Robert, C., Krikstolaityte, V., Gordon, K.C.,

Lisak, G. Diagnostics of skin features through 3D skin mapping based on electro-controlled deposition of conducting polymers onto metal-sebum modified surfaces and their possible applications in skin treatment (2021) *Analytica Chimica Acta*, 1142, pp. 84-98

Parker, D., Hashmi, F. Application of tissue mechanics to clinical management of risk in the diabetic foot (2021) *The Science, Etiology and Mechanobiology of Diabetes and its Complications*, pp. 255-281.

Tripodi, D., Amabile, M.I., Gagliardi, F., Frusone, F., Varanese, M., De Luca, A., Pironi, D., D'Andrea, V., Sorrenti, S., Cannistrà, C. Algorithm of rational approach to reconstruction in Fournier's disease (2021) *Open Medicine (Poland)*, 16 (1), pp. 1028-1037.

Chanprapaph, K., Sutharaphan, T., Suchonwanit, P. Scalp biophysical characteristics in males with androgenetic alopecia: A comparative study with healthy controls (2021) *Clinical Interventions in Aging*, 16, pp. 781-787.

Logger, J.G.M., Driessen, R.J.B., de Jong, E.M.G.J., van Erp, P.E.J. Value of GPSkin for the measurement of skin barrier impairment and for monitoring of rosacea treatment in daily practice (2021) *Skin Research and Technology*, 27 (1), pp. 15-23

Santos, L.L., Swofford, N.J., Santiago, B.G. In Vitro Permeation Test (IVPT) for Pharmacokinetic Assessment of Topical Dermatological Formulations (2020) *Current Protocols in Pharmacology*, 91 (1), art. no. e79

Hua, W., Zuo, Y., Wan, R., Xiong, L., Tang, J., Zou, L., Shu, X., Li, L. Short-term skin reactions following use of N95 respirators and medical masks (2020) *Contact Dermatitis*, 83 (2), pp. 115-121

Grandi, C., D'ovidio, M.C. Balance between health risks and benefits for outdoor workers exposed to solar radiation: An overview on the role of near infrared radiation alone and in combination with other solar spectral bands (2020) *International Journal of Environmental Research and Public Health*, 17 (4), art. no. 1357

Denzinger, M., Krauss, S., Held, M., Joss, L., Kolbenschlag, J., Daigeler, A., Rothenberger, J. A quantitative study of hydration level of the skin surface and erythema on conventional and microclimate management capable mattresses and hospital beds (2020) *Journal of Tissue Viability*, 29 (1), pp. 2-6

Fernández-García, R., Lalatsa, A., Statts, L., Bolás-Fernández, F., Ballesteros, M.P., Serrano, D.R. Transferosomes as nanocarriers for drugs across the skin: Quality by design from lab to industrial scale (2020) *International Journal of Pharmaceutics*, 573, art. no. 118817

Pan, Y., Ma, X., Zhao, J., Yan, S., Liu, Q., Zhao, H. The interaction of age and anatomical region influenced skin biophysical characteristics of Chinese women (2020) *Clinical, Cosmetic and Investigational Dermatology*, 13, pp. 911-926

Krishnan, V., Mitragotri, S. Nanoparticles for topical drug delivery: Potential for skin cancer treatment (2020) *Advanced Drug Delivery Reviews*, 153, pp. 87-108

Logger, J.G.M., de Vries, F.M.C., van Erp, P.E.J., de Jong, E.M.G.J., Peppelman, M., Driessen, R.J.B. Noninvasive objective skin measurement methods for rosacea assessment: a systematic review (2020) *British Journal of Dermatology*, 182 (1), pp. 55-66

Denzinger, M., Rothenberger, J., Held, M., Joss, L., Ehner, S., Kolbenschlag, J., Daigeler, A., Krauss, S. A quantitative study of transepidermal water loss (TEWL) on conventional and microclimate management capable mattresses and hospital beds (2019) *Journal of Tissue Viability*, 28 (4), pp. 194-199

Nguyen, J.K., Weedon, J., Jakus, J., Heilman, E., Isseroff, R.R., Siegel, D.M., Jagdeo, J.R. A dose-ranging, parallel group, split-face, single-blind phase II study of light emitting diode-red light (LED-RL) for skin scarring prevention: Study protocol for a randomized controlled trial (2019) *Trials*, 20 (1), art. no. 432

Leskur, D., Bukić, J., Petrić, A., Zekan, L., Rušić, D., Šešelja Perišin, A., Petrić, I., Stipić, M.,

Puizina-Ivić, N., Modun, D. Anatomical site differences of sodium lauryl sulfate-induced irritation: randomized controlled trial (2019) British Journal of Dermatology, 181 (1), pp. 175-185

Hamnerius, N., Pontén, A., Björk, J., Persson, C., Bergendorff, O. Skin exposure to the rubber accelerator diphenylguanidine in medical gloves—An experimental study (2019) Contact Dermatitis, 81 (1), pp. 9-16

Stalder, J.-F., Fluhr, J.W., Foster, T., Glatz, M., Proksch, E. The emerging role of skin microbiome in atopic dermatitis and its clinical implication (2019) Journal of Dermatological Treatment, 30 (4), pp. 357-364

Song, Y., Pan, Y., Wang, H., Liu, Q., Zhao, H. Mapping the face of young population in China: Influence of anatomical sites and gender on biophysical properties of facial skin (2019) Skin Research and Technology, 25 (3), pp. 325-332

Logger, J.G.M., Münchhoff, C.U., Olydam, J.I., Peppelman, M., Van Erp, P.E.J. Anatomical site variation of water content in human skin measured by the Epsilon: A pilot study (2019) Skin Research and Technology, 25 (3), pp. 333-338

Iriyama, S., Yamanishi, H., Kunizawa, N., Hirao, T., Amano, S. 1-(2-Hydroxyethyl)-2-imidazolidinone, a heparanase and matrix metalloproteinase inhibitor, improves epidermal basement membrane structure and epidermal barrier function (2019) Experimental Dermatology, 28 (3), pp. 247-253

Shilco, P., Roitblat, Y., Buchris, N., Hanai, J., Cohensedgh, S., Frig-Levinson, E., Burger, J., Shterenshis, M. Normative surface skin temperature changes due to blood redistribution: A prospective study (2019) Journal of Thermal Biology, 80, pp. 82-88.

Lee, J.S., Ha, J., Shin, K., Kim, H., Cho, S. Different cosmetic habits can affect the biophysical profile of facial skin: A study of Korean and Chinese women (2019) Annals of Dermatology, 31 (2), pp. 175-185

Young, M.M., Franken, A., du Plessis, J.L. Transepidermal water loss, stratum corneum hydration, and skin surface pH of female African and Caucasian nursing students (2019) Skin Research and Technology, 25 (1), pp. 88-95

Proksch, E. pH in nature, humans and skin (2018) Journal of Dermatology, 45 (9), pp. 1044-1052

Choi, B.B.R., Choi, J.H., Ji, J., Song, K.W., Lee, H.J., Kim, G.C. Increment of growth factors in mouse skin treated with non-thermal plasma (2018) International Journal of Medical Sciences, 15 (11), pp. 1203-1209

Engebretsen, K.A., Kezic, S., Riethmüller, C., Franz, J., Jakasa, I., Hedengran, A., Linneberg, A., Johansen, J.D., Thyssen, J.P. Changes in filaggrin degradation products and corneocyte surface texture by season (2018) British Journal of Dermatology, 178 (5), pp. 1143-1150

Gunt, H.B., Levy, S.B., Lutrario, C.A. Clinical improvements in very dry skin from a natural ingredient-based moisturizing cream compared with a leading colloidal oatmeal control (2018) Journal of Drugs in Dermatology, 17 (7), pp. 758-764

Proksch, E. Buffering Capacity (2018) Current Problems in Dermatology (Switzerland), 54, pp. 11-18

Charnvanich, D., Panapisal, V., Suwakul, W., Tansirikongkol, A. Effects of age, hydration level, and cosmetic treatment on skin mechanical properties of Thai (2018) Thai Journal of Pharmaceutical Sciences, 42 (3), pp. 146-151

Grice, J.E., Moghimi, H.R., Ryan, E., Zhang, Q., Haridass, I., Mohammed, Y., Roberts, M.S. Non-formulation parameters that affect penetrant-skin-vehicle interactions and percutaneous absorption (2017) Percutaneous Penetration Enhancers Drug Penetration Into/Through the Skin: Methodology and General Considerations, pp. 45-75

Scheel-Sailer, A., Frotzler, A., Mueller, G., Annaheim, S., Rossi, R.M., Derler, S. Biophysical skin properties of grade 1 pressure ulcers and unaffected skin in spinal cord injured and able-bodied persons in the unloaded sacral region

(2017) Journal of Tissue Viability, 26 (2), pp. 89-94

Schario, M., Tomova-Simitchieva, T., Lichterfeld, A., Herfert, H., Dobos, G., Lahmann, N., Blume-Peytavi, U., Kottner, J. Effects of two different fabrics on skin barrier function under real pressure conditions (2017) Journal of Tissue Viability, 26 (2), pp. 150-155

Darvin, M.E., Meinke, M.C., Lademann, J. Radical production by infrared irradiation in human skin (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 1051-1060

Stefaniak, A.B., Du Plessis, J.L. Biometrology guidelines for the in vivo assessment of skin surface pH in nonclinical settings (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 925-932

Rayner, R., Carville, K., Leslie, G., Dhaliwal, S.S. Measurement of morphological and physiological skin properties in aged care residents: a test-retest reliability pilot study (2017) International Wound Journal, 14 (2), pp. 420-429

Chandra, F., Sandiono, D., Sugiri, U., Suwarsa, O., Gunawan, H. Cutaneous Side Effects and Transepidermal Water Loss To Gefitinib: A Study of 11 Patients (2017) Dermatology and Therapy, 7 (1), pp. 133-141

dos Santos-Silva, M.A., Trajano, E.T.L., Schanuel, F.S., Monte-Alto-Costa, A. Heat delays skin wound healing in mice (2017) Experimental Biology and Medicine, 242 (3), pp. 258-266

Hua, W., Fan, L.-M., Dai, R., Luan, M., Xie, H., Li, A.-Q., Li, L. Comparison of two series of non-invasive instruments used for the skin physiological properties measurements: the DermaLab® from Cortex Technology vs. the series of detectors from Courage & Khazaka (2017) Skin Research and Technology, 23 (1), pp. 70-78

Sitek, A., Rosset, I., Zadzińska, E., Antoszewski, B. Variability of skin and hair melanin indices and of erythema index in Polish prepubertal children

(2017) Anthropologie (Czech Republic), 55 (3), pp. 297-304

Nedelec, B., Forget, N.J., Hurtubise, T., Cimino, S., de Muszka, F., Legault, A., Liu, W.L., de Oliveira, A., Calva, V., Correa, J.A. Skin characteristics: normative data for elasticity, erythema, melanin, and thickness at 16 different anatomical locations (2016) Skin Research and Technology, 22 (3), pp. 263-275

Martin, Y.H., Lali, F.V., Metcalfe, A.D. Modelling wound healing (2016) Wound Healing Biomaterials, 1, pp. 151-173.

Hadi, H., Awadh, A.I., Hanif, N.M., Md Sidik, N.F.A., Mohd Rani, M.R.N., Suhaimi, M.S.M. The investigation of the skin biophysical measurements focusing on daily activities, Skin care habits, And gender differences (2016) Skin Research and Technology, 22 (2), pp. 247-254

Berents, T.L., Carlsen, K.C.L., Mowinckel, P., Skjerven, H.O., Kvenshagen, B., Rolfsjord, L.B., Bradley, M., Lieden, A., Carlsen, K.-H., Gaustad, P., Gjersvik, P. Skin barrier function and *Staphylococcus aureus* colonization in vestibulum nasi and fauces in healthy infants and infants with eczema: A population-based cohort study (2015) PLoS ONE, 10 (6), art. no. e0130145

Scheel-Sailer, A., Frotzler, A., Mueller, G., Annaheim, S., Rossi, R.M., Derler, S. Challenges to measure hydration, redness, elasticity and perfusion in the unloaded sacral region of healthy persons after supine position (2015) Journal of Tissue Viability, 24 (2), pp. 62-70

Voegeli, R., Rawlings, A.V., Summers, B. Facial skin pigmentation is not related to stratum corneum cohesion, basal transepidermal water loss, barrier integrity and barrier repair (2015) International Journal of Cosmetic Science, 37 (2), pp. 241-252

Trojahn, C., Schario, M., Dobos, G., Blume-Peytavi, U., Kottner, J. Reliability and validity of two *in vivo* measurements for skin surface topography in aged adults (2015) Skin Research and Technology, 21 (1), pp. 54-60

De Paepe, K., Sieg, A., Le Meur, M., Rogiers, V.

	<p>Silicones as non-occlusive topical agents (2015) Pharmazeutische Industrie, 77 (9), pp. 1370-1379</p> <p>Laing, R.M., Wilson, C.A., Dunn, L.A., Niven, B.E. Detection of fiber effects on skin health of the human foot (2015) Textile Research Journal, 85 (17), pp. 1849-1863</p> <p>Angelbeck-Schulze, M., Mischke, R., Rohn, K., Hewicker-Trautwein, M., Naim, H.Y., Bäumer, W. Canine epidermal lipid sampling by skin scrub revealed variations between different body sites and normal and atopic dogs (2014) BMC Veterinary Research, 10, art. no. 152</p> <p>Ludriksone, L., Garcia Bartels, N., Kanti, V., Blume-Peytavi, U., Kottner, J. Skin barrier function in infancy: A systematic review (2014) Archives of Dermatological Research, 306 (7), pp. 591-599</p> <p>Akhalaya, M., Maksimov, G.V., Rubin, A.B., Lademann, J., Darvin, M.E. Molecular action mechanisms of solar infrared radiation and heat on human skin (2014) Ageing Research Reviews, 16 (1), pp. 1-11.</p> <p>Mangelsdorf, S., Vergou, T., Sterry, W., Lademann, J., Patzelt, A. Comparative study of hair follicle morphology in eight mammalian species and humans (2014) Skin Research and Technology, 20 (2), pp. 147-154</p> <p>Raone, B., Raboni, R., Rizzo, N., Simonazzi, G., Patrizi, A. Transepidermal water loss in newborns within the first 24 hours of life: Baseline values and comparison with adults (2014) Pediatric Dermatology, 31 (2), pp. 191-195</p> <p>De Paepe, K., Sieg, A., Le Meur, M., Rogiers, V. Silicones as nonocclusive topical agents (2014) Skin Pharmacology and Physiology, 27 (3), pp. 164-171</p> <p>Kottner, J., Ludriksone, L., Garcia Bartels, N., Blume-Peytavi, U. Do repeated skin barrier measurements influence each other's results? an explorative study (2014) Skin Pharmacology and Physiology, 27 (2), pp. 90-96</p> <p>Lee, M.R., Nam, G.W., Jung, Y.C., Park, S.Y., Han, J.Y., Cho, J.C., Suh, K.D., Hwang, J.K.</p>
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Comparison of the skin biophysical parameters of Southeast Asia females: Forehead-cheek and ethnic groups (2013) Journal of the European Academy of Dermatology and Venereology, 27 (12), pp. 1521-1526

Du Plessis, J., Stefaniak, A., Eloff, F., John, S., Agner, T., Chou, T.-C., Nixon, R., Steiner, M., Franken, A., Kudla, I., Holness, L. International guidelines for the in vivo assessment of skin properties in non-clinical settings: Part 2. transepidermal water loss and skin hydration (2013) Skin Research and Technology, 19 (3), pp. 265-278

Scheiblhofer, S., Thalhamer, J., Weiss, R. Laser microporation of the skin: Prospects for painless application of protective and therapeutic vaccines (2013) Expert Opinion on Drug Delivery, 10 (6), pp. 761-773.

Sá, G.F.F., Serpa, C., Arnaut, L.G. Stratum corneum permeabilization with photoacoustic waves generated by piezophotonic materials (2013) Journal of Controlled Release, 167 (3), pp. 290-300

Stefaniak, A.B., Plessis, J., John, S.M., Eloff, F., Agner, T., Chou, T.-C., Nixon, R., Steiner, M.F.C., Kudla, I., Linn Holness, D. International guidelines for the in vivo assessment of skin properties in non-clinical settings: Part 1. pH (2013) Skin Research and Technology, 19 (2), pp. 59-68

Ishikawa, J., Shimotoyodome, Y., Ito, S., Miyauchi, Y., Fujimura, T., Kitahara, T., Hase, T. Variations in the ceramide profile in different seasons and regions of the body contribute to stratum corneum functions (2013) Archives of Dermatological Research, 305 (2), pp. 151-162

Weiss, R., Hessenberger, M., Kitzmüller, S., Bach, D., Weinberger, E.E., Krautgartner, W.D., Hauser-Kronberger, C., Malissen, B., Boehler, C., Kalia, Y.N., Thalhamer, J., Scheiblhofer, S. Transcutaneous vaccination via laser microporation (2012) Journal of Controlled Release, 162 (2), pp. 391-399

Leite-Silva, V.R., De Almeida, M.M., Fradin, A., Grice, J.E., Roberts, M.S. Delivery of drugs

	<p>applied topically to the skin (2012) Expert Review of Dermatology, 7 (4), pp. 383-397</p> <p>Zhou, S.-S., Li, D., Zhou, Y.-M., Cao, J.-M. The skin function: A factor of anti-metabolic syndrome (2012) Diabetology and Metabolic Syndrome, 4 (1), art. no. 15</p>
Darlenski R., Kazandjieva J., Tsankov N. Is there an increased skin irritation and contact sensitization in atopic dermatitis? Darlenski R., Kazandjieva J., Tsankov N. (2011) Expert Review of Dermatology, 6 (2) , pp. 229-234.	<p>Su, J.C., Dailey, R., Zallmann, M., Leins, E., Taresch, L., Donath, S., Heah, S.S., Lowe, A.J. Determining Effects of Superfine Sheep wool in INFantile Eczema (DESSINE): a randomized paediatric crossover study (2017) British Journal of Dermatology, 177 (1), pp. 125-133</p> <p>Lubbes, S., Rustemeyer, T., Sillevius Smitt, J.H., Schuttelaar, M.L., Middelkamp-Hup, M.A. Contact sensitization in Dutch children and adolescents with and without atopic dermatitis – a retrospective analysis (2017) Contact Dermatitis, 76 (3), pp. 151-159</p> <p>Spiewak, R. Contact dermatitis in atopic individuals (2012) Current Opinion in Allergy and Clinical Immunology, 12 (5), pp. 491-497.</p>
Darlenski R., Callaghan T., Fluhr J.W. Antiaging and antiwrinkle products. (2011) Practical Aspects of Cosmetic Testing: How to Set up a Scientific Study in Skin Physiology, , pp. 143-153.	<p>Komane, B., Vermaak, I., Kamatou, G., Summers, B., Viljoen, A. The topical efficacy and safety of Citrullus lanatus seed oil: A short-term clinical assessment (2017) South African Journal of Botany, 112, pp. 466-473</p> <p>Abdul Karim, A., Azlan, A., Ismail, A., Hashim, P., Abd Gani, S.S., Zainudin, B.H., Abdullah, N.A. Efficacy of cocoa pod extract as antiwrinkle gel on human skin surface (2016) Journal of Cosmetic Dermatology, 15 (3), pp. 283-295</p> <p>Venter, T., Fox, L.T., Gerber, M., Du Preez, J.L., Van Zyl, S., Boneschans, B., du Plessis, J. Physical stability and clinical efficacy of Crocodylus niloticus oil lotion (2016) Revista Brasileira de Farmacognosia, 26 (4), pp. 521-529</p>
Darlenski R., Surber C., Fluhr J.W. Topical retinoids in the management of photodamaged skin: From theory to evidence-based practical approach (2010) British Journal of Dermatology, 163 (6) , pp. 1157-1165.	<p>Miloshevska, D., Roškar, R. Use of Retinoids in Topical Antiaging Treatments: A Focused Review of Clinical Evidence for Conventional and Nanoformulations (2022) Advances in Therapy, 39 (12), pp. 5351-5375</p> <p>Lai, B., Shumack, S. An introduction to field therapies for photoageing (2022) Medicine Today, 23 (8), pp. 35-45</p>

Berry, K., Hallock, K., Lam, C. Photoaging and Topical Rejuvenation (2022) Facial Plastic Surgery Clinics of North America, 30 (3), pp. 291-300

Motamed, M., Chehade, A., Sanghera, R., Grewal, P. A Clinician's Guide to Topical Retinoids (2022) Journal of Cutaneous Medicine and Surgery, 26 (1), pp. 71-78

Hoang, H.T., Moon, J.-Y., Lee, Y.-C. Natural antioxidants from plant extracts in skincare cosmetics: Recent applications, challenges and perspectives (2021) Cosmetics, 8 (4), art. no. 106

Salih, A.M., Al-Qurainy, F., Khan, S., Tarroum, M., Nadeem, M., Shaikhaldien, H.O., Alabdallah, N.M., Alansi, S., Alshameri, A. Mass propagation of Juniperus procera Hoechst. Ex Endl. From seedling and screening of bioactive compounds in shoot and callus extract (2021) BMC Plant Biology, 21 (1), art. no. 192

You, L., Kim, M.-Y., Cho, J.Y. Protective effect of potentilla glabra in uvb-induced photoaging process (2021) Molecules, 26 (17), art. no. 5408

Camillo-Andrade, A.C., Santos, M.D.M., Fischer, J.S.G., Swinka, B.B., Bosquetti, B., Schuck, D.C., Pincerati, M.R., Lorencini, M., Carvalho, P.C. Proteomics reveals that quinoa bioester promotes replenishing effects in epidermal tissue (2020) Scientific Reports, 10 (1), art. no. 19392

Kwan, K.R., Kolansky, Z., Abittan, B.J., Farberg, A.S., Goldenberg, G. Skin tightening (2020) Cutis, 106 (3), pp. 134-137.

Pandey, P., Satija, S., Wadhwa, R., Mehta, M., Purohit, D., Gupta, G., Prasher, P., Chellappan, D.K., Awasthi, R., Dureja, H., Dua, K. Emerging trends in nanomedicine for topical delivery in skin disorders: Current and translational approaches (2020) Dermatologic Therapy, 33 (3), art. no. e13292

Kassir, M., Kroumpouzos, G., Puja, P., Katsambas, A., Galadari, H., Lotti, T., Abdelmaksoud, A., Grabbe, S., Juchems, E., Goldust, M. Update in minimally invasive periorbital rejuvenation with a focus on platelet-

rich plasma: A narrative review (2020) Journal of Cosmetic Dermatology, 19 (5), pp. 1057-1062

Abdulkadir, M.Q., Abdulhadi, S.L., Hadi, M.K., Abd Aljabar, Z.R. Retinoids and retinoids as vitamin A analogs (2020) Biochemical and Cellular Archives, 20, pp. 3761-3767

Song, Y., Lu, H., Wang, Q., Xiang, R. Targeting angiogenesis by blocking the ATM–SerRS–VEGFA pathway for UV-induced skin photodamage and melanoma growth (2019) Cancers, 11 (12), art. no. 1847

Hu, S., Li, Z., Cores, J., Huang, K., Su, T., Dinh, P.-U., Cheng, K. Needle-Free Injection of Exosomes Derived from Human Dermal Fibroblast Spheroids Ameliorates Skin Photoaging (2019) ACS Nano, 13 (10), pp. 11273-11282

Mire, A. Wellness in whiteness: Biomedicalization and the promotion of whiteness and youth among women (2019) Wellness in Whiteness: Biomedicalization and the Promotion of Whiteness and Youth among Women, pp. 1-110

Romana-Souza, B., Silva-Xavier, W., Monte-Alto-Costa, A. Topical retinol attenuates stress-induced ageing signs in human skin ex vivo, through EGFR activation via EGF, but not ERK and AP-1 activation (2019) Experimental Dermatology, 28 (8), pp. 906-913

Sunder, S. Relevant Topical Skin Care Products for Prevention and Treatment of Aging Skin (2019) Facial Plastic Surgery Clinics of North America, 27 (3), pp. 413-418

Shin, J.W., Kwon, S.-H., Choi, J.-Y., Na, J.-I., Huh, C.-H., Choi, H.-R., Park, K.-C. Molecular mechanisms of dermal aging and antiaging approaches (2019) International Journal of Molecular Sciences, 20 (9), art. no. 2126

Dhaliwal, S., Rybak, I., Ellis, S.R., Notay, M., Trivedi, M., Burney, W., Vaughn, A.R., Nguyen, M., Reiter, P., Bosanac, S., Yan, H., Foolad, N., Sivamani, R.K. Prospective, randomized, double-blind assessment of topical bakuchiol and retinol for facial photoageing (2019) British Journal of Dermatology, 180 (2), pp. 289-296

Petrović, P., Ivanović, K., Jovanović, A., Simović, M., Milutinović, V., Kozarski, M., Petković, M., Cvetković, A., Klaus, A., Bugarski, B. The impact of puffball autolysis on selected chemical and biological properties: Puffball extracts as potential ingredients of skin-care products (2019) Archives of Biological Sciences, 71 (4), art. no. 055P,

Pedersen, E.S., Voorhees, J.J., Sachs, D.L. CHAPTER 13: Topical Retinoids for the Treatment of Photoaged Skin (2019) Comprehensive Series in Photochemical and Photobiological Sciences, 19, pp. 341-362.

Morris, C., Levin, E., Hurst, E.A. Cells to Surgery Quiz: January 2019 (2019) Journal of Investigative Dermatology, 139 (1), pp. e5-e10

Badia, L., Andrews, P., Rajpar, S. Non-surgical rejuvenation of the ageing face (2018) Scott-Brown's Otorhinolaryngology and Head and Neck Surgery: Volume 3: Head and Neck Surgery, Plastic Surgery, pp. 1247-1254

Martono, S., Febriani, I., Rohman, A. Application of liquid chromatography-photodiode array detector for analysis of whitening agents in cream cosmetics (2018) Journal of Applied Pharmaceutical Science, 8 (5), pp. 143-147

Raminelli, A.C.P., Romero, V., Semreen, M.H., Leonardi, G.R. Nanotechnological advances for cutaneous release of tretinoin: An approach to minimize side effects and improve therapeutic efficacy (2018) Current Medicinal Chemistry, 25 (31), pp. 3703-3718

Shao, Y., He, T., Fisher, G.J., Voorhees, J.J., Quan, T. Molecular basis of retinol anti-ageing properties in naturally aged human skin in vivo (2017) International Journal of Cosmetic Science, 39 (1), pp. 56-65

Quan, T. The molecular basis for the aging of human skin (2017) The Molecular Basis for the Aging of Human Skin, pp. 1-180

Bruce, S., Barkovic, S. Open-label study evaluating the anti-aging effects of a 3-product, 2-step retinol-rejuvenation system following 3 months of treatment in subjects with

photodamage (2017) Journal of Drugs in Dermatology, 16 (1), pp. 23-28

Truchuelo, M.T., Jiménez, N., Miguel-Gomez, L., Hermosa, A., Sánchez-Neila, N., Cuevas, J. Histological and immunohistochemical evaluation of the efficacy of a new cosmetic formulation in the treatment of skin photoaging (2017) Dermatology Research and Practice, 2017, art. no. 8407247

Sun, M., Wang, P., Sachs, D., Xu, Y., Xu, Y., Voorhees, J.J., Fisher, G.J., Li, Y. Topical retinol restores type I collagen production in photoaged forearm skin within fourweeks (2016) Cosmetics, 3 (4), art. no. 35

Carter, C.J., Blizzard, R.A. Autism genes are selectively targeted by environmental pollutants including pesticides, heavy metals, bisphenol A, phthalates and many others in food, cosmetics or household products (2016) Neurochemistry International, 101, pp. 83-109

Lee, C.-M. Fifty years of research and development of cosmeceuticals: a contemporary review (2016) Journal of Cosmetic Dermatology, 15 (4), pp. 527-539

Goyal, R., Macri, L.K., Kaplan, H.M., Kohn, J. Nanoparticles and nanofibers for topical drug delivery (2016) Journal of Controlled Release, 240, pp. 77-92

McCook, J.P. Topical Products for the Aging Face (2016) Clinics in Plastic Surgery, 43 (3), pp. 597-604

Riahi, R.R., Bush, A.E., Cohen, P.R. Topical Retinoids: Therapeutic Mechanisms in the Treatment of Photodamaged Skin (2016) American Journal of Clinical Dermatology, 17 (3), pp. 265-276.

Vrcek, I., Ozgur, O., Nakra, T. Infraorbital dark circles: A review of the pathogenesis, evaluation and treatment (2016) Journal of Cutaneous and Aesthetic Surgery, 9 (2), pp. 65-72

Addison, K., Fairbrother, K. Photodamage, photodermatoses, and aging skin (2016) Dermatologic Nursing Essentials: A Core

	<p>Curriculum: Third Edition,</p> <p>Zwierzyńska, E., Zawistowska, A., Pietrzak, B. Pharmacological treatment of actinic keratoses (2016) Przeglad Dermatologiczny, 103 (4), pp. 330-336</p> <p>Hung, C.-F., Chen, W.-Y., Hsu, C.-Y., Aljuffali, I.A., Shih, H.-C., Fang, J.-Y. Cutaneous penetration of soft nanoparticles via photodamaged skin: Lipid-based and polymer-based nanocarriers for drug delivery (2015) European Journal of Pharmaceutics and Biopharmaceutics, 94, art. no. 11934, pp. 94-105</p> <p>Higgins, S., Wesley, N.O. Topical Retinoids and Cosmeceuticals: Where Is the Scientific Evidence to Recommend Products to Patients? (2015) Current Dermatology Reports, 4 (2), pp. 56-62</p> <p>Cathcart, J.M., Cao, J. MMP Inhibitors: Past, present and future (2015) Frontiers in Bioscience - Landmark, 20 (7), pp. 1164-1178</p> <p>De Barros Lima, I.P., Lima, N.G.P.B., Barros, D.M.C., Oliveira, T.S., Barbosa, E.G., Gomes, A.P.B., Ferrari, M., Do Nascimento, T.G., Aragão, C.F.S. Compatibility study of tretinoin with several pharmaceutical excipients by thermal and non-thermal techniques (2015) Journal of Thermal Analysis and Calorimetry, 120 (1), pp. 733-747</p> <p>Keller, N., Ellwanger, J. The therapeutic, evidenced-based benefits of vitamin a as a topical skincare treatment (2015) Kosmetische Medizin, 36 (1), pp. 14-20</p> <p>Awad, R.S., Abdelwahed, W., Bitar, Y. Evaluating the impact of preparation conditions and formulation on the accelerated stability of tretinoin loaded liposomes prepared by heating method (2015) International Journal of Pharmacy and Pharmaceutical Sciences, 7 (5), pp. 171-178</p> <p>Babcock, M., Mehta, R.C., Makino, E.T. A randomized, double-blind, split-face study comparing the efficacy and tolerability of three retinol-based products vs. three tretinoin-based products in subjects with moderate to severe facial photodamage (2015) Journal of Drugs in Dermatology, 14 (1), pp. 24-30</p>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Hubbard, B.A., Unger, J.G., Rohrich, R.J. Reversal of skin aging with topical retinoids (2014) Plastic and Reconstructive Surgery, 133 (4), pp. 481e-490e

Dupont, E., Journet, M., Oula, M.-L., Gomez, J., Léveillé, C., Loing, E., Bilodeau, D. An integral topical gel for cellulite reduction: Results from a double-blind, randomized, placebo-controlled evaluation of efficacy (2014) Clinical, Cosmetic and Investigational Dermatology, 7, pp. 73-88

Inokuchi, M., Ishikawa, S., Furukawa, H., Takamura, H., Ninomiya, I., Kitagawa, H., Fushida, S., Fujimura, T., Ohta, T. Treatment of capecitabine-induced hand-foot syndrome using a topical retinoid: A case report (2014) Oncology Letters, 7 (2), pp. 444-448

Kasikhina, E.I., Kolbina, M.S. The use of retinol to correct age-related skin changes: A review of clinical effectiveness and safety (2014) Klinicheskaya Dermatologiya i Venerologiya, 12 (6), pp. 115-119

Deshpande, M., Papp, S., Schaffer, L., Pouyani, T. All-trans retinoic acid is an effective inhibitor of hyaluronate synthesis in a human dermal equivalent (2014) Archives of Dermatological Research, 306 (7), pp. 619-633

Lai, F., Pireddu, R., Corrias, F., Fadda, A.M., Valenti, D., Pini, E., Sinico, C. Nanosuspension improves tretinoin photostability and delivery to the skin (2013) International Journal of Pharmaceutics, 458 (1), pp. 104-109

Gruber, J., Fong, S., Chen, C.-B., Yoong, S., Pastorin, G., Schaffer, S., Cheah, I., Halliwell, B. Mitochondria-targeted antioxidants and metabolic modulators as pharmacological interventions to slow ageing (2013) Biotechnology Advances, 31 (5), pp. 563-592

Raza, K., Singh, B., Singla, N., Negi, P., Singal, P., Katare, O.P. Nano-lipoidal carriers of isotretinoin with anti-aging potential: Formulation, characterization and biochemical evaluation (2013) Journal of Drug Targeting, 21 (5), pp. 435-442

Thomas, J.R., Dixon, T.K., Bhattacharyya, T.K. Effects of Topicals on the Aging Skin Process (2013) Facial Plastic Surgery Clinics of North America, 21 (1), pp. 55-60.

Hiraishi, Y., Nakagawa, T., Quan, Y.-S., Kamiyama, F., Hirobe, S., Okada, N., Nakagawa, S. Performance and characteristics evaluation of a sodium hyaluronate-based microneedle patch for a transcutaneous drug delivery system (2013) International Journal of Pharmaceutics, 441 (1-2), pp. 570-579

Yang, C.-C., Chen, C.-C., Chen, W.-C. Aging and Anti-Aging in Hair and Hair Loss (2013) Inflammation, Advancing Age and Nutrition: Research and Clinical Interventions, pp. 231-246

Hiraishi, Y., Hirobe, S., Iioka, H., Quan, Y.-S., Kamiyama, F., Asada, H., Okada, N., Nakagawa, S. Development of a novel therapeutic approach using a retinoic acid-loaded microneedle patch for seborrheic keratosis treatment and safety study in humans (2013) Journal of Controlled Release, 171 (2), pp. 93-103

Deonizio, J.M.D., Vaghani, S.P., Guitart, J. Topical bexarotene for psoralen plus ultraviolet A-induced photodamage (2013) Journal of the American Academy of Dermatology, 69 (2), pp. e96-e98.

Sami, N. Topical retinoids (2012) Comprehensive Dermatologic Drug Therapy: Expert Consult - Online and Print, pp. 505-517.

Patel, R.V., Goldenberg, G. Topical tretinoin use for photodamage (2012) Cosmetic Dermatology, 25 (5), pp. 200-202

Ridolfi, D.M., Marcato, P.D., Justo, G.Z., Cordi, L., Machado, D., Durán, N. Chitosan-solid lipid nanoparticles as carriers for topical delivery of tretinoin (2012) Colloids and Surfaces B: Biointerfaces, 93, pp. 36-40

Darvin, M.E., Fluhr, J.W., Schanzer, S., Richter, H., Patzelt, A., Meinke, M.C., Zastrow, L., Golz, K., Doucet, O., Sterry, W., Lademann, J. Dermal carotenoid level and kinetics after topical and systemic administration of antioxidants: Enrichment strategies in a controlled in vivo study

	<p>(2011) Journal of Dermatological Science, 64 (1), pp. 53-58</p> <p>Terao, M., Matsui, S., Katayama, I. Two cases of refractory discoid lupus erythematosus successfully treated with topical tocoretinate (2011) Dermatology Online Journal, 17 (4)</p>
Darlenski R.B., Neykov N.V., Vlahov V.D., Tsankov N.K. Evidence-based medicine: Facts and controversies. (2010) Clinics in Dermatology, 28 (5) , pp. 553-557.	<p>Maassen, E.F., Regeer, E.J., Bunders, J.F.G., Kupka, R.W., Regeer, B.J. Research Needs for Bipolar Disorder From Clinicians' Perspectives: Narrowing the Research–Practice Gap (2019) SAGE Open, 9 (2),</p> <p>Schölvinck, A.-F.M., Schuitmaker, T.J., Broerse, J.E.W. Embedding meaningful patient involvement in the process of proposal appraisal at the Dutch Cancer Society (2019) Science and Public Policy, 46 (2), pp. 254-263.</p> <p>Maassen, E.F., Regeer, B.J., Regeer, E.J., Bunders, J.F.G., Kupka, R.W. The challenges of living with bipolar disorder: a qualitative study of the implications for health care and research (2018) International Journal of Bipolar Disorders, 6 (1), art. no. 23</p> <p>Kasch, C., Haimerl, P., Heuwieser, W., Arlt, S. Evaluation of a CAT database and expert appraisal of CATs developed by students (2017) Journal of Veterinary Medical Education, 44 (4), pp. 676-685</p> <p>Atwa, H., Abdelaziz, A. Evidence-based medicine (EBM) for undergraduate medical students: A six-step, integrative approach (2017) Medical Teacher, 39, pp. S27-S32</p> <p>Tilburg, J.C., Allyse, M., Hafferty, F.W. The case of Dr. Oz: Ethics, evidence, and does professional self-regulation work? (2017) AMA Journal of Ethics, 19 (2), pp. 199-206</p> <p>Gibson, A., Boddy, K., Maguire, K., Britten, N. Exploring the impact of providing evidence-based medicine training to service users (2015) Research Involvement and Engagement, 1 (1), art. no. 10</p> <p>Grigorov, E., Kostov, E., Lebanova, Hr., Belcheva, V. Vaccines in Bulgaria - A Study of the</p>

	<p>possibilities of their application in different ages (2013) General Medicine, 15 (4), pp. 26-31</p> <p>Saltman, D., Jackson, D., Newton, P.J., Davidson, P.M. In pursuit of certainty: Can the systematic review process deliver? (2013) BMC Medical Informatics and Decision Making, 13 (1), art. no. 25</p> <p>Toke, V.M. Deontological issues, language ideologies and reflexivity in linguistics: Native competence vs scientific knowledge? (2011) Pragmatics and Society, 2 (2), pp. 205-233</p>
Kazandjieva J., Gergovska M., Darlenski R., Marina S., Broshtilova V., Balabanova M., Stransky L. Recall dermatitis after systemic treatment with paclitaxel. (2010) International Journal of Dermatology, 49 (8) , pp. 956-959.	<p>de Wit, M. Extravasation—a regular complication?: Prevention and therapy (2021) Best Practice Onkologie, 16 (9), pp. 414-423</p> <p>Sibaud, V., Leboeuf, N.R., Roche, H., Belum, V.R., Gladieff, L., Deslandres, M., Montastruc, M., Eche, A., Vigarios, E., Dalenc, F., Lacouture, M.E. Dermatological adverse events with taxane chemotherapy (2016) European Journal of Dermatology, 26 (5), pp. 427-443.</p> <p>Ruocco, V., Ruocco, E., Brunetti, G. Recall phenomena: Another facet of the immunocompromised district (2013) International Journal of Dermatology, 52 (2), pp. 252-253.</p> <p>Echeverria-Garcia, B., Baniandres, O., Vitiello, M., Agra, C., Lazaro-Ochaita, P. Carcinomatous lymphangitis in lymphoepithelial carcinoma of the parotid (2013) Journal of the American Academy of Dermatology, 68 (6), pp. e194-e195</p>
Fluhr J.W., Darlenski R., Taieb A., Hachem J., Baudouin C., Msika P., De Belilovsky C., Berardesca E. Functional skin adaptation in infancy - almost complete but not fully competent. (2010) Experimental Dermatology, 19 (6) , pp. 483-492.	<p>Gangaram-Panday, N.H., te Nijenhuis, L.H., Fine, I., Reiss, I.K.M., van Weteringen, W. A novel non-invasive method of measuring microcirculatory perfusion and blood velocity in infants: a pilot study (2022) Scientific Reports, 12 (1), art. no. 7459</p> <p>Schmitt, G., Barrow, P. Considerations for and against dosing rodent pups before 7 days of age in juvenile toxicology studies (2022) Reproductive Toxicology, 112, pp. 77-87</p> <p>Naidoo, N., Mosam, A., Stamatas, G., Dlova, N.C. Epidermal barrier function in human immunodeficiency virus-infected South African infants compared with uninfected (2022)</p>

International Journal of Dermatology, 61 (9), pp. 1106-1112

Stockfleth, E., Revol, O. Encouraging sun protection early in life: from a successful prevention programme in children to the identification of psychological barriers in adolescents (2022) Journal of the European Academy of Dermatology and Venereology, 36 (S6), pp. 12-21

de Bengy, A.-F., Lamartine, J., Sigaudo-Roussel, D., Fromy, B. Newborn and elderly skin: two fragile skins at higher risk of pressure injury (2022) Biological Reviews, 97 (3), pp. 874-895

Ohn, J., Park, M., Kim, J.Y., Chung, J.H., Kim, K.H., Jo, S.J., Kwon, O. Postnatal epidermal maturation is associated with the competence of the skin barrier (2022) Journal of Dermatological Science, 106 (2), pp. 119-122.

Majima, Y., Kobayashi, Y. Comparison of perianal skin barrier function with moisturizer application in Japanese full-term newborns (2022) Pediatric Dermatology, 39 (3), pp. 394-399

Danby, S.G., Andrew, P.V., Kay, L.J., Pinnock, A., Chittock, J., Brown, K., Williams, S.F., Cork, M.J. Enhancement of stratum corneum lipid structure improves skin barrier function and protects against irritation in adults with dry, eczema-prone skin* (2022) British Journal of Dermatology, 186 (5), pp. 875-886.

Rahma, A., Lane, M.E. Skin Barrier Function in Infants: Update and Outlook (2022) Pharmaceutics, 14 (2), art. no. 433

Rassels, K., French, P. Real-time Thermographic Object Tracking of the Body Temperature of a Neonate (2022) 2022 Smart Systems Integration, SSI 2022

Le Pors, C., Talagas, M., Abasq-Thomas, C., Henry, S., Misery, L., Roué, J.-M. What do we know about pruritus in very young infants? A literature review (2021) Cells, 10 (10), art. no. 2788

Liu, L., Zhang, Y. Smart environment design planning for smart city based on deep learning

(2021) Sustainable Energy Technologies and Assessments, 47, art. no. 101425

Tang, J. Guidelines for neonatal skin management in the neonatal intensive care unit (2021) Chinese Journal of Contemporary Pediatrics, 23 (7), pp. 659-670

Ye, Y., Zhao, P., Dou, L., Zhang, Y., Ken, K., Gu, H., Dou, Y., Gao, W., He, L., Chen, X., Huang, X., Zhang, L., Li, Y., Wang, L., Yan, W. Dynamic trends in skin barrier function from birth to age 6 months and infantile atopic dermatitis: A Chinese prospective cohort study (2021) Clinical and Translational Allergy, 11 (5), art. no. e12043

Rassels, K., French, P. Accurate Body Temperature Measurement of a Neonate Using Thermography Technology (2021) 2021 Smart Systems Integration, SSI 2021, art. no. 9467024

Reed, R.C., Johnson, D.E., Nie, A.M. Preterm Infant Skin Structure Is Qualitatively and Quantitatively Different From That of Term Newborns (2021) Pediatric and Developmental Pathology, 24 (2), pp. 96-102

Tantcheva-Poór, I., Hömberg, M., Kribs, A., Peters, F. Challenges in neonatal dermatology: An introduction (2021) Hautarzt, 72 (3), pp. 185-193

Garnarczyk, A.A., Adamczyk, K., Lubczyńska, A., Wcisło-Dziadecka, D., Antończak, P., Jakubowska, M. Structure of children's skin and rules for its care – what's new? Children's skin structure (2021) Pediatria Polska, 96 (4), pp. 258-262

Danby, S.G., Andrew, P.V., Brown, K., Chittock, J., Kay, L.J., Cork, M.J. An Investigation of the Skin Barrier Restoring Effects of a Cream and Lotion Containing Ceramides in a Multi-vesicular Emulsion in People with Dry, Eczema-Prone, Skin: The RESTORE Study Phase 1 (2020) Dermatology and Therapy, 10 (5), pp. 1031-1041.

Cracowski, J.-L., Roustit, M. Human skin microcirculation (2020) Comprehensive Physiology, 10 (3), pp. 1105-1154

Lara-Corrales, I., Sibbald, C.J., Ayello, E.A., Sibbald, G.R. Focus on skin and wounds in

	neonates and children (2020) Advances in Skin and Wound Care, 33 (6), p. 287
	Starostina, L.S. Infant skin care: Prevention of diaper dermatitis (2020) Meditsinskiy Sovet, 2020 (1), pp. 41-49
	Thyssen, J.P., Rinnov, M.R., Vestergaard, C. Disease mechanisms in atopic dermatitis: A review of aetiological factors (2020) Acta Dermato-Venereologica, 100 (100-year theme Atopic dermatitis), art. no. adv00162, pp. 341-348
	Tielemans, C., Voegeli, D. Silicone-based adhesive removers for preventing peristomal skin complications caused by mechanical trauma (2019) Gastrointestinal Nursing, 17, pp. S22-S28.
	Delmore, B., Deppisch, M., Sylvia, C., Luna-Anderson, C., Nie, A.M. Pressure Injuries in the Pediatric Population: A National Pressure Ulcer Advisory Panel White Paper (2019) Advances in Skin and Wound Care, 32 (9), pp. 394-408
	Mietzsch, U., Cooper, K.L., Harris, M.L., Harris-Haman, P.A., Zukowsky, K. Successful Reduction in Electrode-Related Pressure Ulcers during EEG Monitoring in Critically Ill Neonates (2019) Advances in Neonatal Care, 19 (4), pp. 262-274
	Hughes-Formella, B., Wunderlich, O., Williams, R., Fernández, J., Kim, Y.Z., Wigger-Alberti, W., Pecquet, S., Moodycliffe, A. Comparison of skin structural and functional parameters in well-nourished and moderately undernourished infants (2019) Skin Pharmacology and Physiology, 32 (4), pp. 212-223
	Duarah, S., Sharma, M., Wen, J. Recent advances in microneedle-based drug delivery: Special emphasis on its use in paediatric population (2019) European Journal of Pharmaceutics and Biopharmaceutics, 136, pp. 48-69
	Liljedahl, E.R., Wahlberg, K., Lidén, C., Albin, M., Broberg, K. Genetic variants of filaggrin are associated with occupational dermal exposure and blood DNA alterations in hairdressers (2019) Science of the Total Environment, 653, pp. 45-54
	Delaney, R.M., Frazer, L.C., Lane, M., Bauserman, M.S. The Immune System (2019)

Fetal and Neonatal Physiology for the Advanced Practice Nurse, pp. 267-306

Broom, M., Dunk, A.M., E Mohamed, A.-L. Predicting Neonatal Skin Injury: The First Step to Reducing Skin Injuries in Neonates (2019) Health Services Insights, 12

Niraj, S., Sangeeta, G., Singh, B.M. Affiliation among infantile age, morbidity and Prakriti (Physical constitution): A longitudinal preliminary study (2019) Journal of Natural Remedies, 19 (1), pp. 43-48.

Albahraini, Y., Hunt, R. Newborn skin care (2019) Pediatric Annals, 48 (1), pp. e11-e15

Kelchen, M.N., Brogden, N.K. Effect of dosing regimen and microneedle pretreatment on in vitro skin retention of topically applied beta-blockers (2018) Biomedical Microdevices, 20 (4), art. no. 100

Siri Sindhura, D.K., Jain, V. Infant's skin and care needs with special consideration to formulation additives (2018) Asian Journal of Pharmaceutical and Clinical Research, 11 (12), pp. 75-81

Mohn, C.H., Blix, H.S., Halvorsen, J.A., Nafstad, P., Valberg, M., Lagerløv, P. Incidence Trends of Atopic Dermatitis in Infancy and Early Childhood in a Nationwide Prescription Registry Study in Norway (2018) JAMA Network Open, 1 (7), art. no. e184145

Vanzi, V., Pitaro, R. Skin Injuries and Chlorhexidine Gluconate-Based Antiseptics in Early Premature Infants: A Case Report and Review of the Literature (2018) Journal of Perinatal and Neonatal Nursing, 32 (4), pp. 341-350

Michael-Jubeli, R., Tfayli, A., Baudouin, C., Bleton, J., Bertrand, D., Baillet-Guffroy, A. Clustering-based preprocessing method for lipidomic data analysis: application for the evolution of newborn skin surface lipids from birth until 6 months (2018) Analytical and Bioanalytical Chemistry, 410 (25), pp. 6517-6528

Malik, A., Witsberger, E., Cottrell, L., Kiefer, A., Yossuck, P. Perianal Dermatitis, Its Incidence, and

Patterns of Topical Therapies in a Level IV Neonatal Intensive Care Unit (2018) American Journal of Perinatology, 35 (5), pp. 486-493

Wright, I.M.R., Stark, M.J., Dyson, R.M. Assessment of the microcirculation in the neonate (2018) Hemodynamics and Cardiology: Neonatology Questions and Controversies, pp. 327-340

Murashkin, N.N., Ambarchian, E.T., Epishev, R.V., Materikin, A.I., Fedorov, D.V. Contemporary view of the structural and functional peculiarities of the skin, items of care and prevention of dermatological pathology in infants (2018) Voprosy Sovremennoi Pediatrii - Current Pediatrics, 17 (4), pp. 341-345

Liu, Q., Zhang, Y., Danby, S.G., Cork, M.J., Stamatas, G.N. Infant Skin Barrier, Structure, and Enzymatic Activity Differ from Those of Adult in an East Asian Cohort (2018) BioMed Research International, 2018, art. no. 1302465

Summers, A., Visscher, M.O., Khatri, S.K., Sherchand, J.B., LeClerq, S.C., Katz, J., Tielsch, J.M., Mullany, L.C. Indicators of skin barrier integrity among newborns massaged with mustard oil in rural Nepal (2018) Journal of Perinatology, 38 (1), pp. 64-70

Kanti, V., Günther, M., Stroux, A., Sawatzky, S., Henrich, W., Abou-Dakn, M., Blume-Peytavi, U., Garcia Bartels, N. Influence of sunflower seed oil or baby lotion on the skin barrier function of newborns: A pilot study (2017) Journal of Cosmetic Dermatology, 16 (4), pp. 500-507.

Visscher, M.O., Burkes, S.A., Adams, D.M., Hammill, A.M., Wickett, R.R. Infant skin maturation: Preliminary outcomes for color and biomechanical properties (2017) Skin Research and Technology, 23 (4), pp. 545-551

Zanardo, V., Giarrizzo, D., Volpe, F., Giliberti, L., Straface, G. Emu oil-based lotion effects on neonatal skin barrier during transition from intrauterine to extrauterine life (2017) Clinical, Cosmetic and Investigational Dermatology, 10, pp. 299-303

Hulshof, L., van't Land, B., Sprinkelman, A.B.,

Garssen, J. Role of microbial modulation in management of atopic dermatitis in children (2017) Nutrients, 9 (8), art. no. 854

Liu, X., Gao, Y., Zhang, Y., Wang, X. Variation in skin biology to climate in Shanghai, China (2017) Cutaneous and Ocular Toxicology, 36 (3), pp. 231-236

Di Pietro Micali Canavez, A., Silveira, T.M.T.P., De Albuquerque Vita, N., Weihermann, A.C., Neumann, C.R., Schuck, D.C., Baptista, M.C., Kruger, O., Brohem, C.A., Lorencini, M. Integrated safety strategy for the development of children's cosmetic products using in vitro and clinical methodologies (2017) Alternatives for Dermal Toxicity Testing, pp. 565-577

Kennedy, E.A., Connolly, J., Hourihane, J.O., Fallon, P.G., McLean, W.H.I., Murray, D., Jo, J.-H., Segre, J.A., Kong, H.H., Irvine, A.D. Skin microbiome before development of atopic dermatitis: Early colonization with commensal staphylococci at 2 months is associated with a lower risk of atopic dermatitis at 1 year (2017) Journal of Allergy and Clinical Immunology, 139 (1), pp. 166-172

Johnson, D.E., Samra, H.A. Extremely Preterm Infant Skin Care: A Transformation of Practice Aimed to Prevent Harm (2016) Advances in Neonatal Care, 16, pp. S26-S32

White, R., Rodgers, A., O'Connor, L., Anthony, D. Paediatric wound care: Neonates and infants (2016) Wounds UK, 12 (3), pp. 8-11.

Walters, R.M., Khanna, P., Chu, M., Mack, M.C. Developmental changes in skin barrier and structure during the first 5 years of life (2016) Skin Pharmacology and Physiology, 29 (3), pp. 111-118

Mendes, B.R., Shimabukuro, D.M., Uber, M., Abagge, K.T. Critical assessment of the pH of children's soap (2016) Jornal de Pediatria, 92 (3), pp. 290-295

Blume-Peytavi, U., Tan, J., Tennstedt, D., Boralevi, F., Fabbrocini, G., Torrelo, A., Soares-Oliveira, R., Haftek, M., Rossi, A.B., Thouvenin, M.D., Mangold, J., Galliano, M.F., Hernandez-

Pigeon, H., Aries, M.F., Rouvrais, C., Bessou-Touya, S., Duplan, H., Castex-Rizzi, N., Mengeaud, V., Ferret, P.J., Clouet, E., Saint Aroman, M., Carrasco, C., Coutanceau, C., Guiraud, B., Boyal, S., Herman, A., Delga, H., Biniek, K., Dauskardt, R. Fragility of epidermis in newborns, children and adolescents (2016) Journal of the European Academy of Dermatology and Venereology, 30, pp. 3-56.

August, D., Kandasamy, Y. Significance of antenatal glucocorticoid exposure for pressure injury prevalence in neonates (2016) Journal of Neonatal-Perinatal Medicine, 9 (1), pp. 23-29

Badr, L.K., Zeineddine, M.H., Abbas, H., Charafeddine, L. NeoSeal to prevent nasal injury in preterm infants receiving oxygen therapy (2016) Neonatal Network, 35 (4), pp. 228-233

Jurica, S.A., Čolić, A., Gverić-Ahmetašević, S., Lončarević, D., Filipović-Grčić, B., Stipanović-Kastelić, J., Rešić, A. Skin of the very premature newborn - Physiology and care (2016) Paedriatrica Croatica, 60 (1), pp. 21-26

Horimukai, K., Morita, K., Narita, M., Kondo, M., Kabashima, S., Inoue, E., Sasaki, T., Niizeki, H., Saito, H., Matsumoto, K., Ohya, Y. Transepidermal water loss measurement during infancy can predict the subsequent development of atopic dermatitis regardless of filaggrin mutations (2016) Allergology International, 65 (1), pp. 103-108

Morris, L.D., Behr, J.H., Smith, S.L. Hydrocolloid to prevent breakdown of nares in preterm infants (2015) MCN The American Journal of Maternal/Child Nursing, 40 (1), pp. 39-43

Hartz, L.E., Bradshaw, W., Brandon, D.H., Gregory, K.E. Potential NICU Environmental Influences on the Neonate's Microbiome: A Systematic Review (2015) Advances in Neonatal Care, 15 (5), pp. 324-335.

Le Lamer, M., Pellerin, L., Reynier, M., Cau, L., Pendaries, V., Leprince, C., Méchin, M.-C., Serre, G., Paul, C., Simon, M. Defects of corneocyte structural proteins and epidermal barrier in atopic dermatitis (2015) Biological Chemistry, 396 (11),

	pp. 1163-1179.
	Correia, P., Cruz, A., Santos, L., Alves, A. Risk of children's dermal exposure to galaxolide through personal care products (2015) Cosmetics, 2 (2), pp. 93-109
	Wobser, M., Ernestus, K., Hamm, H. Pediatric dermatohistopathology - histopathology of skin diseases in newborns and infants (2015) JDDG - Journal of the German Society of Dermatology, 13 (6), pp. 535-548
	Thyssen, J.P., Zirwas, M.J., Elias, P.M. Potential role of reduced environmental UV exposure as a driver of the current epidemic of atopic dermatitis (2015) Journal of Allergy and Clinical Immunology, 136 (5), pp. 1163-1169
	Barker, A. Skin Structure (2015) Plastic and Reconstructive Surgery: Approaches and Techniques, pp. 77-87
	Pastore, M.N., Kalia, Y.N., Horstmann, M., Roberts, M.S. Transdermal patches: History, development and pharmacology (2015) British Journal of Pharmacology, 172 (9), pp. 2179-2209
	Scheans, P. Neonatal pressure ulcer prevention (2015) Neonatal Network, 34 (2), pp. 126-132
	Visscher, M.O., Adam, R., Brink, S., Odio, M. Newborn infant skin: Physiology, development, and care (2015) Clinics in Dermatology, 33 (3), pp. 271-280
	Irvin, E.J., Miller, H.D. Emollient Use in the Term Newborn: A Literature Review (2015) Neonatal Network, 34 (4), pp. 227-230.
	Dey, S., Rothe, H., Page, L., O'Connor, R., Farahmand, S., Toner, F., Marsh, R., Wehmeyer, K., Zhou, S. An in vitro skin penetration model for compromised skin: Estimating penetration of polyethylene glycol [¹⁴ C]-PEG-7 phosphate (2015) Skin Pharmacology and Physiology, 28 (1), pp. 12-21
	Garcia Bartels, N., Lünnemann, L., Stroux, A., Kottner, J., Serrano, J., Blume-Peytavi, U. Effect of diaper cream and wet wipes on skin barrier properties in infants: A prospective randomized

controlled trial (2014) *Pediatric Dermatology*, 31 (6), pp. 683-691

Roberta, R., Patrizi, K.A., Cocchi, G., Faldella, G., Raone, B. Comparison of two different neonatal skin care practices and their influence on transepidermal water loss in healthy newborns within first 10 days of life (2014) *Minerva Pediatrica*, 66 (5), pp. 369-374

Delgado-Charro, M.B., Guy, R.H. Effective use of transdermal drug delivery in children (2014) *Advanced Drug Delivery Reviews*, 73, pp. 63-82

Coret, C.D., Suero, M.B., Tierney, N.K. Tolerance of natural baby skin-care products on healthy, full-term infants and toddlers (2014) *Clinical, Cosmetic and Investigational Dermatology*, 7, pp. 51-58

Ludriksone, L., Garcia Bartels, N., Kanti, V., Blume-Peytavi, U., Kottner, J. Skin barrier function in infancy: A systematic review (2014) *Archives of Dermatological Research*, 306 (7), pp. 591-599

Kanti, V., Bonzel, A., Stroux, A., Proquitté, H., Bührer, C., Blume-Peytavi, U., Garcia Bartels, N. Postnatal maturation of skin barrier function in premature infants (2014) *Skin Pharmacology and Physiology*, 27 (5), pp. 234-241

Choi, J.W., Kim, K.N., Park, E.J., Eom, J.S., Hong, J.P., Park, H.N., Park, C.S., Kim, S.Y., Nam, S.Y., Choi, S.H., Roh, J.-L., Koh, K.S. Analysis of morphological and histologic changes in intraoral fasciocutaneous free flaps used for oropharyngeal reconstruction (2014) *Annals of Plastic Surgery*, 72 (SUPPL. 2), pp. 674-679

Flo, A., Díez-Noguera, A., Calpena, A.C., Cambras, T. Circadian rhythms on skin function of hairless rats: Light and thermic influences (2014) *Experimental Dermatology*, 23 (3), pp. 214-216

Raone, B., Raboni, R., Rizzo, N., Simonazzi, G., Patrizi, A. Transepidermal water loss in newborns within the first 24 hours of life: Baseline values and comparison with adults (2014) *Pediatric Dermatology*, 31 (2), pp. 191-195.

Dumm, M., Hamms, M., Sutton, J., Ryan-Wenger, N. NICU breast milk warming practices and the physiological effects of breast milk feeding temperatures on preterm infants (2013) Advances in Neonatal Care, 13 (4), pp. 279-287

Ricci, S.S. Essentials of maternity, newborn, & women's health nursing: Third edition (2013) Essentials of Maternity, Newborn, & Women's Health Nursing: Third Edition, pp. 1-928

Eichenfield, L.F., Elias, P.M., Fowler, J.F., Horowitz, P., McLeod, R.P. Understanding skin barrier differences: A demographic, cultural, and medical diversity viewpoint (2013) Seminars in Cutaneous Medicine and Surgery, 32, pp. S16-S20

Iarkowski, L.E., Tierney, N.K., Horowitz, P. Tolerance of skin care regimen in healthy, full-term neonates (2013) Clinical, Cosmetic and Investigational Dermatology, 6, pp. 137-144

Gantt, S., Muller, W.J. The immunologic basis for severe neonatal herpes disease and potential strategies for therapeutic intervention (2013) Clinical and Developmental Immunology, 2013, art. no. 369172

Ali, S.M., Yosipovitch, G. Skin pH: From basic science to basic skin care (2013) Acta Dermato-Venereologica, 93 (3), pp. 261-267

Dyer, J.A. Newborn skin care (2013) Seminars in Perinatology, 37 (1), pp. 3-7

Ahn, Y., Sohn, M., Lee, S., Lee, M. pH, temperature, hydration of the stratum corneum of the dorsal hand and the cord area, and acid mantle formation during early days of life in high - risk newborns (2013) Journal of Korean Academy of Nursing, 43 (1), pp. 30-38

Wright, I.M.R., Stark, M.J., Clifton, V.L. Assessment of the microcirculation in the neonate (2012) Hemodynamics and Cardiology, pp. 215-234

Telofski, L.S., Morello, A.P., MacK Correa, M.C., Stamatas, G.N. The infant skin barrier: Can we preserve, protect, and enhance the barrier? (2012) Dermatology Research and Practice, 2012, art. no.

	198789,
	Raith, W., Litscher, G., Sapetschnig, I., Bauchinger, S., Ziehenberger, E., Müller, W., Urlesberger, B. Thermographical measuring of the skin temperature using laser needle acupuncture in preterm neonates (2012) Evidence-based Complementary and Alternative Medicine, 2012, art. no. 614210,
	Milpied, B., Ezzedine, K., Ohayon-Courtès, C., Genillier-Foin, N., Peyromat, M., Taieb, A., Léauté-Labrèze, C. Are post-vaccinal persistent itching nodules related to the use of local anaesthetic patches? A hypothesis to be confirmed (2012) Contact Dermatitis, 66 (6), pp. 343-344
	Ramos-e-Silva, M., Boza, J.C., Cestari, T.F. Effects of age (neonates and elderly) on skin barrier function (2012) Clinics in Dermatology, 30 (3), pp. 274-276
	Wright, I.M.R., Stark, M.J., Clifton, V.L. Assessment of the Microcirculation in the Neonate (2012) Hemodynamics and Cardiology: Neonatology Questions and Controversies Expert Consult - Online and Print, pp. 215-234
	Furber, C., Bedwell, C., Campbell, M., Cork, M., Jones, C., Rowland, L., Lavender, T. The Challenges and Realties of Diaper Area Cleansing for Parents (2012) JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing, 41 (6), pp. E13-E25
	Karabulut, A.A. Skin physiology of the newborn and topical drug use (2011) Turkderm Deri Hastaliklari ve Frengi Arsivi, 45 (SUPPL. 2), pp. 60-67
	Rezvani, H.R., Ali, N., Serrano-Sánchez, M., Dubus, P., Varon, C., Ged, C., Pain, C., Cario-André, M., Seneschal, J., Taïeb, A., de Verneuil, H., Mazurier, F. Loss of epidermal hypoxia-inducible factor-1 α accelerates epidermal aging and affects re-epithelialization in human and mouse (2011) Journal of Cell Science, 124 (24), pp. 4172-4183
	Bartels, N.G., Rösler, S., Martus, P., Stroux, A., Lönnfors, S., Reiβhauer, A., Blume-Peytavi, U. Effect of baby swimming and baby lotion on the

	<p>skin barrier of infants aged 3-6 months (2011) JDDG - Journal of the German Society of Dermatology, 9 (12), pp. 1018-1026</p> <p>Denyer, J. Reducing pain during the removal of adhesive and adherent products (2011) British Journal of Nursing, 20 (15 SUPPL.), pp. S28-S35</p> <p>Rezvani, H.R., Ali, N., Nissen, L.J., Harfouche, G., De Verneuil, H., Taïeb, A., Mazurier, F. HIF-1α in epidermis: Oxygen sensing, cutaneous angiogenesis, cancer, and non-cancer disorders (2011) Journal of Investigative Dermatology, 131 (9), pp. 1793-1805</p>
Drenovska K., Darlenski R., Kazandjieva J., Vassileva S. Pemphigus vulgaris and pregnancy (2010) SKINmed, 8 (3) , pp. 144-149.	<p>Çayırli, M., Tunca, M., Akar, A., Akpak, Y.K. Favourable outcome of pregnancy in a patient with pemphigus vulgaris (2015) Journal of Obstetrics and Gynaecology, 35 (7), pp. 747-748</p> <p>Elmuradi, S., Ojeda, D., Stoopler, E.T. Oral pemphigus vulgaris in pregnancy (2015) Journal of Obstetrics and Gynaecology Canada, 37 (11), p. 952</p> <p>Toussi, A.G., Mazinani, R., Ariae, N. Death of pregnant woman with pemphigus vulgaris disease due to strongyloides stercoralis infection: A case report (2013) Iranian Journal of Obstetrics, Gynecology and Infertility, 16 (80), art. no. 3, pp. 17-19</p> <p>Ali, H.S. Pemphigus vulgaris during pregnancy - A case report (2011) Journal of Pakistan Association of Dermatologists, 21 (4), pp. 301-303</p>
Popova L., Darlenski R., Tsankov N. Penicillin and vitamin a as possible therapeutic agents in pityriasis rubra pilaris (2010) JDDG - Journal of the German Society of Dermatology, 8 (5) , pp. 354-356.	<p>Engelmann, C., Elsner, P., Miguel, D. Treatment of pityriasis rubra pilaris type I: a systematic review (2019) European Journal of Dermatology, 29 (5), pp. 524-537</p> <p>Kromer, C., Sabat, R., Celis, D., Mössner, R. Systemic therapies of pityriasis rubra pilaris: a systematic review (2019) JDDG - Journal of the German Society of Dermatology, 17 (3), pp. 243-259</p> <p>Wang, D., Chong, V.C.-L., Chong, W.-S., Oon, H.H. A Review on Pityriasis Rubra Pilaris (2018)</p>

	<p>American Journal of Clinical Dermatology, 19 (3), pp. 377-390</p> <p>Roenneberg, S., Biedermann, T. Pityriasis rubra pilaris: algorithms for diagnosis and treatment (2018) Journal of the European Academy of Dermatology and Venereology, 32 (6), pp. 889-898</p> <p>Sehgal, V.N., Srivastava, G., Verma, P. Pityriasis rubra pilaris: Evolution of challenges in promising treatment options (2012) SKINmed, 10 (1), pp. 18-23</p>
Fluhr J.W., Darlenski R. Skin barrier. (2009) Life-Threatening Dermatoses and Emergencies in Dermatology, , pp. 3-18.	<p>Kuswahyuning, R., Grice, J.E., Moghimi, H.R., Roberts, M.S. Formulation effects in percutaneous absorption (2015) Percutaneous Penetration Enhancers Chemical Methods in Penetration Enhancement: Drug Manipulation Strategies and Vehicle Effects, pp. 109-134</p> <p>Addor, F.A.S., Silva, V.M. Skin barrier in atopic dermatitis: The importance of an appropriate cleansing agent (2013) Surgical and Cosmetic Dermatology, 5 (2), pp. 128-132</p> <p>Del Rosso, J.Q., Levin, J. The clinical relevance of maintaining the functional integrity of the stratum corneum in both healthy and disease-affected skin (2011) Journal of Clinical and Aesthetic Dermatology, 4 (9), 14 p.</p>
Darlenski R., Sassning S., Tsankov N., Fluhr J.W. Non-invasive in vivo methods for investigation of the skin barrier physical properties. Darlenski R., Sassning S., Tsankov N., Fluhr J.W. (2009) European Journal of Pharmaceutics and Biopharmaceutics, 72 (2) , pp. 295-303.	<p>Khatami, A., Yazdanparast, T., Ahmad Nasrollahi, S., Miramin Mohammadi, A., Yadangi, S., Khamesipour, A., Kassir, M., Firooz, A. Biophysical and ultrasonographic changes of acute Old World cutaneous leishmaniasis skin lesions in comparison with uninvolved skin: A possible tool for non-invasive early detection and treatment outcome assessment (2022) Dermatologic Therapy, 35 (9), art. no. e15699</p> <p>Naidoo, N., Mosam, A., Stamatopoulou, G., Dlova, N.C. Epidermal barrier function in human immunodeficiency virus-infected South African infants compared with uninfected (2022) International Journal of Dermatology, 61 (9), pp. 1106-1112</p> <p>Majima, Y., Kobayashi, Y. Comparison of perianal skin barrier function with moisturizer application in Japanese full-term newborns (2022) Pediatric Dermatology, 39 (3), pp. 394-399</p>

Poljšak, N., Kočevar Glavač, N. Vegetable Butters and Oils as Therapeutically and Cosmetically Active Ingredients for Dermal Use: A Review of Clinical Studies (2022) *Frontiers in Pharmacology*, 13, art. no. 868461,

Jin, Y., Wang, F., Payne, S.R., Weller, R.B. A comparison of the effect of indoor thermal and humidity condition on young and older adults' comfort and skin condition in winter (2022) *Indoor and Built Environment*, 31 (3), pp. 759-776

Tiwari, N., Osorio-Blanco, E.R., Sonzogni, A., Esporrín-Ubieto, D., Wang, H., Calderón, M. Nanocarriers for Skin Applications: Where Do We Stand? (2022) *Angewandte Chemie - International Edition*, 61 (3), art. no. e202107960

Urban, B.E., Jacques, S.L., Subhash, H.M. Polarized light reflectance anisotropy measurement of hydrated and desiccated superficial porcine skin (2022) *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, 11963, art. no. 1196308

Chaturvedi, P., Worsley, P.R., Zanelli, G., Kroon, W., Bader, D.L. Quantifying skin sensitivity caused by mechanical insults: A review (2022) *Skin Research and Technology*, 28 (1), pp. 187-199.

Yüksel, Y.T., Sonne, M., Nørreslet, L.B., Gundersen, G., Fazli, M.M., Agner, T. Skin barrier response to active chlorine hand disinfectant—An experimental study comparing skin barrier response to active chlorine hand disinfectant and alcohol-based hand rub on healthy skin and eczematous skin (2022) *Skin Research and Technology*, 28 (1), pp. 89-97

Goh, C.F., Mohamed Faisal, N., Ismail, F.N. Facial Skin Biophysical Profile of Women in Malaysia: Significance of Facial Skincare Product Use (2021) *Skin Pharmacology and Physiology*, 34 (6), pp. 351-362

Micek, I., Nawrot, J., Seraszek-Jaros, A., Jenerowicz, D., Schroeder, G., Spiżewski, T., Suchan, A., Pawlaczyk, M., Gornowicz-Porowska, J. Taxifolin as a promising ingredient of cosmetics for adult skin (2021) *Antioxidants*,

10 (10), art. no. 1625,

Ito, T., Iguchi, R., Matsuoka, F., Nishi, Y., Ogihara, T., Misawa, K. Label-free skin penetration analysis using time-resolved, phase-modulated stimulated Raman scattering microscopy (2021) *Biomedical Optics Express*, 12 (10), pp. 6545-6557.

Liu, Y., Lunter, D.J. Profiling skin penetration using PEGylated emulsifiers as penetration enhancers via confocal Raman spectroscopy and fluorescence spectroscopy (2021) *European Journal of Pharmaceutics and Biopharmaceutics*, 166, pp. 1-9

Han, H.S., Shin, S.H., Park, J.W., Li, K., Kim, B.J., Yoo, K.H. Changes in skin characteristics after using respiratory protective equipment (medical masks and respirators) in the COVID-19 pandemic among healthcare workers (2021) *Contact Dermatitis*, 85 (2), pp. 225-232

Bakar, J., Michael-Jubeli, R., El Khoury, R., Hamla, S., Assi, A., Baillet-Guffroy, A., Tfayli, A. Assessment of the skin barrier function in the reconstructed human epidermis using a multimodal approach at molecular, tissue and functional levels (2021) *Analyst*, 146 (14), pp. 4649-4658

Yazdanparast, T., Yazdani, K., Ahmad Nasrollahi, S., Izadi Firouzabadi, L., Humbert, P., Khatami, A., Firooz, A. Biophysical and ultrasonographic changes in pityriasis rosea compared with uninvolved skin (2021) *International Journal of Women's Dermatology*, 7 (3), pp. 331-334

Nawrot, J., Budzianowski, J., Nowak, G., Micek, I., Budzianowska, A., Gornowicz-Porowska, J. Biologically active compounds in stizolophus balsamita inflorescences: Isolation, phytochemical characterization and effects on the skin biophysical parameters (2021) *International Journal of Molecular Sciences*, 22 (9), art. no. 4428

Kwon, K., Wang, H., Lim, J., Chun, K.S., Jang, H., Yoo, I., Wu, D., Chen, A.J., Gu, C.G., Lipschultz, L., Kim, J.U., Kim, J., Jeong, H., Luan, H., Park, Y., Su, C.-J., Ishida, Y., Madhvapathy, S.R., Ikoma, A., Kwak, J.W., Yang,

D.S., Banks, A., Xu, S., Huang, Y., Chang, J.-K., Rogers, J.A. Wireless, soft electronics for rapid, multisensor measurements of hydration levels in healthy and diseased skin (2021) Proceedings of the National Academy of Sciences of the United States of America, 118 (5), art. no. e2020398118

Zagórska-Dziok, M., Ziemlewska, A., Bujak, T., Nizioł-Łukaszewska, Z., Hordyjewicz-Baran, Z. Cosmetic and dermatological properties of selected ayurvedic plant extracts (2021) Molecules, 26 (3), art. no. 614,

Ruddy, E., Zhu, G., Idowu, O., Birch-Machin, M.A. Skin aging and mitochondria (2021) Mitochondrial Dysfunction and Nanotherapeutics: Aging, Diseases, and Nanotechnology-Related Strategies in Mitochondrial Medicine, pp. 237-259.

Evaluation of the Quality of Bath Cosmetics in Powder Form Depending on the Selection of Fillers (2021) Tenside, Surfactants, Detergents, 58 (5), pp. 334-341

Li, X., Xing, L., Lai, R., Yuan, C., Humbert, P. Literature mapping: association of microscopic skin microflora and biomarkers with macroscopic skin health (2021) Clinical and Experimental Dermatology, 46 (1), pp. 21-27

Logger, J.G.M., Driessen, R.J.B., de Jong, E.M.G.J., van Erp, P.E.J. Value of GPSkin for the measurement of skin barrier impairment and for monitoring of rosacea treatment in daily practice (2021) Skin Research and Technology, 27 (1), pp. 15-23

Tanihiro, R., Sakano, K., Oba, S., Nakamura, C., Ohki, K., Hirota, T., Sugiyama, H., Ebihara, S., Nakamura, Y. Effects of yeast mannan which promotes beneficial bacteroides on the intestinal environment and skin condition: A randomized, double-blind, placebo-controlled study (2020) Nutrients, 12 (12), art. no. 3673, pp. 1-16

Elban, F., Hahnel, E., Blume-Peytavi, U., Kottner, J. Reliability and agreement of skin barrier measurements in a geriatric care setting (2020) Journal of Tissue Viability, 29 (4), pp. 269-276

Ali, S.M., Chung, W.-Y. Monitoring

transepidermal water loss and skin wettedness factor with battery-free NFC sensor (2020) Sensors (Switzerland), 20 (19), art. no. 5549, pp. 1-14

Lee, C.-Y., Jeong, K.-H., Shin, M.K. Skin Barrier Dysfunction in the Scalp, Nails, and Lips in Patients with Atopic Dermatitis (2020) Korean Journal of Dermatology, 58 (8), pp. 525-529.

Jin, Y., Wang, F., Carpenter, M., Weller, R.B., Tabor, D., Payne, S.R. The effect of indoor thermal and humidity condition on the oldest-old people's comfort and skin condition in winter (2020) Building and Environment, 174, art. no. 106790

Vater, C., Hlawaty, V., Werdenits, P., Cichon, M.A., Klang, V., Elbe-Bürger, A., Wirth, M., Valenta, C. Effects of lecithin-based nanoemulsions on skin: Short-time cytotoxicity MTT and BrdU studies, skin penetration of surfactants and additives and the delivery of curcumin (2020) International Journal of Pharmaceutics, 580, art. no. 119209,

Nešić, I., Savić, V., Kolarević, A. Investigation of efficacy of anti-aging liposomal intimate gel: An in vivo long-term study (2020) Acta Facultatis Medicinae Naissensis, 37 (1), pp. 48-56

Jegal, J., Park, N.-J., Lee, S.-Y., Jo, B.-G., Bong, S.-K., Kim, S.-N., Yang, M.H. Quercitrin, the Main Compound in Wikstroemia indica, Mitigates Skin Lesions in a Mouse Model of 2,4-Dinitrochlorobenzene-Induced Contact Hypersensitivity (2020) Evidence-based Complementary and Alternative Medicine, 2020, art. no. 4307161

Zainal, H., Jamil, A., Md Nor, N., Tang, M.M. Skin pH mapping and its relationship with transepidermal water loss, hydration and disease severity in adult patients with atopic dermatitis (2020) Skin Research and Technology, 26 (1), pp. 91-98

Nunes, F., Rodrigues, M., Ribeiro, M.P., Ugazio, E., Cavalli, R., Abollino, O., Coutinho, P., Araujo, A.R.T.S. Incorporation of Cró thermal water in a dermocosmetic formulation: cytotoxicity effects, characterization and stability studies and efficacy

evaluation (2019) International Journal of Cosmetic Science, 41 (6), pp. 604-612

Binder, L., Klang, V., Sheikh Rezaei, S., Neuer, O., Zhang, Z., Lunter, D.J., Wolzt, M., Valenta, C. Topical application of highly concentrated water-in-oil emulsions: Physiological skin parameters and skin penetration in vivo - A pilot study (2019) International Journal of Pharmaceutics, 571, art. no. 118694

de-Souza, I.M.F., Vitral, G.L.N., Reis, Z.S.N. Skin thickness dimensions in histological section measurement during late-fetal and neonatal developmental period: A systematic review (2019) Skin Research and Technology, 25 (6), pp. 793-800

Rossi, D., Bettero, A. Determination of the surface free energy of skin and the factors affecting it by the contact angle method (2019) Advances in Contact Angle, Wettability and Adhesion, pp. 115-143.

Binder, L., Mazál, J., Petz, R., Klang, V., Valenta, C. The role of viscosity on skin penetration from cellulose ether-based hydrogels (2019) Skin Research and Technology, 25 (5), pp. 725-734

Čepelak, I., Dodig, S., Pavić, I. Filaggrin and atopic march (2019) Biochimia Medica, 29 (2), art. no. 020501, pp. 214-227

Yazdanparast, T., Yazdani, K., Humbert, P., Khatami, A., Ahmad Nasrollahi, S., Zartab, H., Izadi Firouzabadi, L., Firooz, A. Biophysical and ultrasonographic changes in lichen planus compared with uninvolved skin (2019) International Journal of Women's Dermatology, 5 (2), pp. 100-104

Wallen-Russell, C. Is there a relationship between transepidermal water loss and microbial biodiversity on the skin? (2019) Cosmetics, 6 (1), art. no. 18

Yazdanparast, T., Yazdani, K., Humbert, P., Khatami, A., Nasrollahi, S., Firouzabadi, L., Firooz, A. Biophysical measurements and ultrasonographic findings in chronic dermatitis in comparison with uninvolved skin (2019) Indian Journal of Dermatology, 64 (2), pp. 90-96.

Mei-Hsia Chan, M., Tan, L.S., Leow, Y.-H., Teik-Jin Goon, A., Goh, C.L. Comparison of Irritancy Potential of Sodium Lauryl Sulfate-free Aqueous Cream to Other Moisturizers: An intraindividual skin occlusive study (2019) Journal of Clinical and Aesthetic Dermatology, 12 (7), pp. 52-58.

Ibrahim, H., Xiao, P. Don't Sweat It: Mobile Instruments for Clinical Diagnosis (2019) Advances in Intelligent Systems and Computing, 998, pp. 1155-1169.

Young, M.M., Franken, A., du Plessis, J.L. Transepidermal water loss, stratum corneum hydration, and skin surface pH of female African and Caucasian nursing students (2019) Skin Research and Technology, 25 (1), pp. 88-95

Binder, L., Jatschka, J., Kulovits, E.M., Seeböck, S., Kählig, H., Valenta, C. Simultaneous penetration monitoring of oil component and active drug from fluorinated nanoemulsions (2018) International Journal of Pharmaceutics, 552 (1-2), pp. 312-318.

Akdeniz, M., Gabriel, S., Lichterfeld-Kottner, A., Blume-Peytavi, U., Kottner, J. Transepidermal water loss in healthy adults: a systematic review and meta-analysis update (2018) British Journal of Dermatology, 179 (5), pp. 1049-1055

Choi, J.Y., Kim, E.J., Jang, S.I., Kim, A.R., Lee, T.J., Lee, H.K. A new technique for evaluating heel xerosis grade and the effects of moisturizer on heel skin dryness (2018) Skin Research and Technology, 24 (4), pp. 557-561.

Binder, L., Kulovits, E.M., Petz, R., Ruthofer, J., Baurecht, D., Klang, V., Valenta, C. Penetration monitoring of drugs and additives by ATR-FTIR spectroscopy/tape stripping and confocal Raman spectroscopy – A comparative study (2018) European Journal of Pharmaceutics and Biopharmaceutics, 130, pp. 214-223

van Erp, P.E.J., Peppelman, M., Falcone, D. Noninvasive analysis and minimally invasive in vivo experimental challenges of the skin barrier (2018) Experimental Dermatology, 27 (8), pp. 867-875

Husein-ElAhmed, H., Husein-ElAhmed, S., la Fuente, G.C., Albendín-García, L., Esteban de la Rosa, R.J., Fernandez-Castillo, R. Hemodialysis improves skin moisture and sebum secretion but not elasticity in chronic renal disease patients (2018) JDDG - Journal of the German Society of Dermatology, 16 (8), pp. 1019-1020, 1019-1021.

Wang, X., Shu, X., Li, Z., Huo, W., Zou, L., Tang, Y., Li, L. Comparison of two kinds of skin imaging analysis software: VISIA® from Canfield and IPP® from Media Cybernetics (2018) Skin Research and Technology, 24 (3), pp. 379-385

Sriram, G., Alberti, M., Dancik, Y., Wu, B., Wu, R., Feng, Z., Ramasamy, S., Bigliardi, P.L., Bigliardi-Qi, M., Wang, Z. Full-thickness human skin-on-chip with enhanced epidermal morphogenesis and barrier function (2018) Materials Today, 21 (4), pp. 326-340

Dancik, Y., Sriram, G., Rout, B., Zou, Y., Bigliardi-Qi, M., Bigliardi, P.L. Physical and compositional analysis of differently cultured 3D human skin equivalents by confocal Raman spectroscopy (2018) Analyst, 143 (5), pp. 1065-1076

Kimori, K., Konya, C., Matsumoto, M. Venipuncture-Induced Hematomas Alter Skin Barrier Function in the Elderly Patients (2018) SAGE Open Nursing, 4

Yazdanparast, T., Yazdani, K., Humbert, P., Khatami, A., Nasrollahi, S.A., Hassanzadeh, H., Ehsani, A.H., Firouzabadi, L.I., Firooz, A. Comparison of biophysical, biomechanical and ultrasonographic properties of skin in chronic dermatitis, psoriasis and lichen planus (2018) Medical Journal of the Islamic Republic of Iran, 32 (1), art. no. 108

Nikolis, A., Enright, K.M. Evaluating the role of small particle hyaluronic acid fillers using micro-droplet technique in the face, neck and hands: A retrospective chart review (2018) Clinical, Cosmetic and Investigational Dermatology, 11, pp. 467-475

Du Plessis, J.L., Stefaniak, A.B., Wilhelm, K.-P. Measurement of Skin Surface pH (2018) Current

Problems in Dermatology (Switzerland), 54, pp. 19-25

Mokrejš, P., Huťa, M., Pavlačková, J., Egner, P. Preparation of keratin hydrolysate from chicken feathers and its application in cosmetics (2017) Journal of Visualized Experiments, 2017 (129), art. no. e56254

Huimin, K., Rowledge, A.M., Borzdynski, C.J., Miller, C., Frescos, N., McKenzie, G., Perry, E., McGuiness, W. Reliability of a Skin Diagnostic Device in Assessing Hydration and Erythema (2017) Advances in Skin and Wound Care, 30 (10), pp. 452-459

Mesrar, J., Ognard, J., Garetier, M., Chechin, D., Misery, L., Ben Salem, D. In vivo skin moisturizing measurement by high-resolution 3 Tesla magnetic resonance imaging (2017) Skin Research and Technology, 23 (3), pp. 289-294

Briançon, S., Bolzinger, M.-A., Chevalier, Y. Confocal Raman spectroscopy as a tool to investigate the action of penetration enhancers inside the skin (2017) Percutaneous Penetration Enhancers Drug Penetration Into/Through the Skin: Methodology and General Considerations, pp. 229-246

Tavares, L., Palma, L., Santos, O., Angélica, R.M., Julia, B.M., Rodrigues, L.M. Impact of excess body weight on skin hydration and biomechanics (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 1461-1469

Du Plessis, J.L., Stefaniak, A.B. Biometrology guidelines for the in vivo assessment of transepidermal water loss and skin hydration in nonclinical settings (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 933-943

Laboutounne, Y., Muret, P. In vivo skin absorption and skin pharmacology (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 1091-1113

Mauro, M., De Giusti, V., Bovenzi, M., Larese Filon, F. Effectiveness of a secondary prevention protocol for occupational contact dermatitis (2017) Journal of the European Academy of Dermatology and Venereology, 31 (4), pp. 656-663

Grove, G., Zerweck, C., Houser, T., Andrasfay, A., Gauthier, B., Holland, C., Piacquadio, D. Halobetasol propionate lotion, 0.05% provides superior hydration compared to halobetasol propionate cream, 0.05% in a double-blinded study of occlusivity and hydration (2017) Journal of Drugs in Dermatology, 16 (2), pp. 140-144

Hua, W., Fan, L.-M., Dai, R., Luan, M., Xie, H., Li, A.-Q., Li, L. Comparison of two series of non-invasive instruments used for the skin physiological properties measurements: the DermaLab® from Cortex Technology vs. the series of detectors from Courage & Khazaka (2017) Skin Research and Technology, 23 (1), pp. 70-78

Ruela, A.L.M., Perissinato, A.G., Lino, M.E.S., Mudrik, P.S., Pereira, G.R. Evaluation of skin absorption of drugs from topical and transdermal formulations (2016) Brazilian Journal of Pharmaceutical Sciences, 52 (3), pp. 527-544

Damasceno, G.A.B., Silva, R.M.A.C., Fernandes, J.M., Ostrosky, E.A., Langassner, S.M.Z., Ferrari, M. Use of *Opuntia ficus-indica* (L.) Mill extracts from Brazilian Caatinga as an alternative of natural moisturizer in cosmetic formulations (2016) Brazilian Journal of Pharmaceutical Sciences, 52 (3), pp. 459-470

Estanqueiro, M., Conceição, J., Amaral, M.H., Sousa Lobo, J.M. The role of liposomes and lipid nanoparticles in the skin hydration (2016) Nanobiomaterials in Galenic Formulations and Cosmetics: Applications of Nanobiomaterials, pp. 297-326

Hadi, H., Awadh, A.I., Hanif, N.M., Md Sidik, N.F.A., Mohd Rani, M.R.N., Suhaimi, M.S.M. The investigation of the skin biophysical measurements focusing on daily activities, Skin care habits And gender differences (2016) Skin Research and Technology, 22 (2), pp. 247-254.

de Farias Pires, T., Azambuja, A.P., Vançan Russo Horimoto, A.R., Nakamura, M.S., de Oliveira Alvim, R., Krieger, J.E., Pereira, A.C. A population-based study of the stratum corneum moisture (2016) Clinical, Cosmetic and Investigational Dermatology, 9, pp. 79-87

Boer, M., Duchnik, E., Maleszka, R., Marchlewicz, M. Structural and biophysical characteristics of human skin in maintaining proper epidermal barrier function (2016) Postepy Dermatologii i Alergologii, 33 (1), pp. 1-5

Laing, R., Swan, P. Wool in human health and well-being (2016) RILEM Bookseries, 12, pp. 19-34

Antonov, D., Schliemann, S., Elsner, P. Methods for the Assessment of Barrier Function (2016) Current Problems in Dermatology (Switzerland), 49, pp. 61-70

Mathanda, T.R., M. Bhat, R., Hegde, P., Anand, S. Transepidermal Water Loss in Neonates: Baseline Values Using a Closed-Chamber System (2016) Pediatric Dermatology, 33 (1), pp. 33-37

Kokane, B., Vermaak, I., Summers, B., Viljoen, A. Safety and efficacy of Sclerocarya birrea (A.Rich.) Hochst (Marula) oil: A clinical perspective (2015) Journal of Ethnopharmacology, 176, pp. 327-335.

Hosono, M., Isozaki, A., Katoh, K., Ichikawa, Y., Iwase, E., Matsumoto, K., Shimoyama, I. Moisture sensor based on heat transfer possessing insusceptibility to coating materials on skin (2015) Sensors and Actuators, A: Physical, 235, pp. 265-272.

Falcone, D., Uzunbajakava, N.E., Varghese, B., De Aquino Santos, G.R., Richters, R.J.H., Van De Kerkhof, P.C.M., Van Erp, P.E.J. Microspectroscopic Confocal Raman and Macroscopic Biophysical Measurements in the in vivo Assessment of the Skin Barrier: Perspective for Dermatology and Cosmetic Sciences (2015) Skin Pharmacology and Physiology, 28 (6), pp. 307-317.

Depieri, L.V., Garcia Praça, F.S., Campos, P.M., Lopes Badra Bentley, M.V. Advances in the

bioanalytical study of drug delivery across the skin (2015) Therapeutic Delivery, 6 (5), pp. 173-196.

Svecova, D., Nemsovska, J. Contact dermatitis (2015) Contact Dermatitis, pp. 1-137

Oshiro Junior, J.A., Carvalho, F.C., Soares, C.P., Chorilli, M., Chiavacci, L.A. Development of cutaneous bioadhesive ureasil-polyether hybrid films (2015) International Journal of Polymer Science, 2015, art. no. 727324

Kanlayavattanakul, M., Lourith, N. Biopolysaccharides for skin hydrating cosmetics (2015) Polysaccharides: Bioactivity and Biotechnology, pp. 1867-1892

Khan, H., Akhtar, N., Ali, A. Effects of cream containing ficus carica L. fruit extract on skin parameters: In vivo evaluation (2014) Indian Journal of Pharmaceutical Sciences, 76 (6), pp. 560-564

Tichota, D.M., Silva, A.C., Sousa Lobo, J.M., Amaral, M.H. Design, characterization, and clinical evaluation of argan oil nanostructured lipid carriers to improve skin hydration (2014) International Journal of Nanomedicine, 9 (1), pp. 3855-3864

Hua, W., Xie, H., Chen, T., Li, L. Comparison of two series of non-invasive instruments used for the skin physiological properties measurements: The 'Soft Plus' from Callegari S.p.A vs. the series of detectors from Courage & Khazaka (2014) Skin Research and Technology, 20 (1), pp. 74-80

Pantelic, I., Lukic, M., Markovic, B., Lusiana, Hoffmann, C., Müller-Goymann, C., Milic, J., Daniels, R., Savic, S. Development of a prospective isopropyl alcohol-loaded pharmaceutical base using simultaneous in vitro/in vivo characterization methods of skin performance (2014) Drug Development and Industrial Pharmacy, 40 (7), pp. 960-971

Vyumuuhore, R., Tfayli, A., Piot, O., Le Guillou, M., Guichard, N., Manfait, M., Baillet-Guffroy, A. Raman spectroscopy: In vivo quick response code of skin physiological status (2014) Journal of Biomedical Optics, 19 (11), art. no. 111603

Faria, W.C.S., Damasceno, G.A.B., Ferrari, M. Moisturizing effect of a cosmetic formulation containing pequi oil (*Caryocar Brasiliense*) from the Brazilian Cerrado biome (2014) *Brazilian Journal of Pharmaceutical Sciences*, 50 (1), pp. 131-136

Vitorino, C., Almeida, A., Sousa, J., Lamarche, I., Gobin, P., Marchand, S., Couet, W., Olivier, J.-C., Pais, A. Passive and active strategies for transdermal delivery using co-encapsulating nanostructured lipid carriers: In vitro vs. in vivo studies (2014) *European Journal of Pharmaceutics and Biopharmaceutics*, 86 (2), pp. 133-144

Mota, A.C.V., de Freitas, Z.M.F., Júnior Ricci, E., Dellamora-Ortiz, G.M., Santos-Oliveira, R., Ozzetti, R.A., Luiz Vergnanini, A., Lira Ribeiro, V., Santos Silva, R., Pereira dos Santos, E. In vivo and in vitro evaluation of octyl methoxycinnamate liposomes (2013) *International Journal of Nanomedicine*, 8, pp. 4689-4700.

Panigrahi, S., Murugesan, K., Biswas, S.C. Diagnosis of skin health conditions using gold nanoparticles (2013) Technical Proceedings of the 2013 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2013, 3, pp. 61-64

Du Plessis, J., Stefaniak, A., Eloff, F., John, S., Agner, T., Chou, T.-C., Nixon, R., Steiner, M., Franken, A., Kudla, I., Holness, L. International guidelines for the in vivo assessment of skin properties in non-clinical settings: Part 2. transepidermal water loss and skin hydration (2013) *Skin Research and Technology*, 19 (3), pp. 265-278.

Fleischli, F.D., Mathes, S., Adlhart, C. Label free non-invasive imaging of topically applied actives in reconstructed human epidermis by confocal Raman spectroscopy (2013) *Vibrational Spectroscopy*, 68, pp. 29-33

Kardosova, Z., Hegyi, V. In vivo skin imaging for hydration and micro relief-measurement (2013) *Bratislava Medical Journal*, 114 (5), pp. 287-289

Yuan, C., Wang, X.-M., Galzote, C., Tan, Y.-M., Bhagat, K.V., Yuan, Z.-K., Du, J.-F., Tan, Y. Meteorology and ethnicity as critical factors in

HRIPT: Comparing responses between Chinese and Indian ethnicities (2013) Regulatory Toxicology and Pharmacology, 66 (1), pp. 59-65

Pople, P.V., Singh, K.K. Development and evaluation of colloidal modified nanolipid carrier: Application to topical delivery of tacrolimus, part II-In vivo assessment, drug targeting, efficacy, and safety in treatment for atopic dermatitis (2013) European Journal of Pharmaceutics and Biopharmaceutics, 84 (1), pp. 72-83

Mercurio, D.G., Segura, J.H., Demets, M.B.A., Maia Campos, P.M.B.G. Clinical scoring and instrumental analysis to evaluate skin types (2013) Clinical and Experimental Dermatology, 38 (3), pp. 302-309.

Ribeiro, H., Marto, J., Raposo, S., Agapito, M., Isaac, V., Chiari, B.G., Lisboa, P.F., Paiva, A., Barreiros, S., Simões, P. From coffee industry waste materials to skin-friendly products with improved skin fat levels (2013) European Journal of Lipid Science and Technology, 115 (3), pp. 330-336

Tfaili, S., Gobinet, C., Josse, G., Angiboust, J.-F., Baillet, A., Manfait, M., Piot, O. Vibrational spectroscopies for the analysis of cutaneous permeation: Experimental limiting factors identified in the case of caffeine penetration (2013) Analytical and Bioanalytical Chemistry, 405 (4), pp. 1325-1332.

Wang, S., Zhang, G., Meng, H., Li, L. Effect of Exercise-induced sweating on facial sebum, stratum corneum hydration, and skin surface ph in normal population (2013) Skin Research and Technology, 19 (1), pp. e312-e317

Yapar, E.A., Ynal, Ö., Erdal, M.S. Design and in vivo evaluation of emulgel formulations including green tea extract and rose oil (2013) Acta Pharmaceutica, 63 (4), pp. 531-543

Kelleher, M.M., O'Carroll, M., Gallagher, A., Murray, D.M., Dunn Galvin, A., Irvine, A.D., Hourihane, J.O. Newborn transepidermal water loss values: A reference dataset (2013) Pediatric Dermatology, 30 (6), pp. 712-716

Polańska, A., Dańczak-Pazdrowska, A., Silny, W.,

Jenerowicz, D., Olek-Hrab, K., Osmola-Mańkowska, A. Nonlesional skin in atopic dermatitis is seemingly healthy skin-observations using noninvasive methods (2013) Wideochirurgia I Inne Techniki Maloinwazyjne, 8 (3), pp. 192-199

Mohamad, M., Msabbri, A.R., Matjafri, M.Z. Non invasive measurement of skin hydration and transepidermal water loss in normal skin (2012) CHUSER 2012 - 2012 IEEE Colloquium on Humanities, Science and Engineering Research, art. no. 6504435, pp. 859-862

Hamed, S.H., Altrabsheh, B., Assa'd, T., Jaradat, S., Alshra'ah, M., Aljamal, A., Alkhatab, H.S., Almalty, A.-M. Construction, in vitro and in vivo evaluation of an in-house conductance meter for measurement of skin hydration (2012) Medical Engineering and Physics, 34 (10), pp. 1471-1476

Hamed, S.H., Assakir, I., Almalty, A.-M., Bweir, S. Does massage postapplication improve moisturizer's efficacy? A 2-week regression study (2012) Journal of Cosmetic Dermatology, 11 (3), pp. 239-244

Klang, V., Schwarz, J.C., Lenobel, B., Nadj, M., Auböck, J., Wolzt, M., Valenta, C. In vitro vs. in vivo tape stripping: Validation of the porcine ear model and penetration assessment of novel sucrose stearate emulsions (2012) European Journal of Pharmaceutics and Biopharmaceutics, 80 (3), pp. 604-614

Danby, S.G., Duff, G.W., Cork, M.J. Current and Future Trends: Skin Diseases and Treatment (2012) Transdermal and Topical Drug Delivery: Principles and Practice, pp. 367-407

Amarioarei-Iftimie, G., Lungu, M., Ciovică, S. In vivo testing of P. cerasus gum within a cosmetic formulation (2012) Environmental Engineering and Management Journal, 11 (8), pp. 1493-1498

Polańska, A., Dańczak-Pazdrowska, A., Silny, W., Jenerowicz, D., Osmola-Mańkowska, A., Olek-Hrab, K. Evaluation of selected skin barrier functions in atopic dermatitis in relation to the disease severity and pruritus (2012) Postepy Dermatologii i Alergologii, 29 (5), pp. 373-377

Tfayli, A., Guillard, E., Manfait, M., Baillet-Guffroy, A. Raman spectroscopy: Feasibility of in vivo survey of stratum corneum lipids, effect of natural aging (2012) European Journal of Dermatology, 22 (1), pp. 36-41

Jaksic, I., Lukic, M., Malenovic, A., Reichl, S., Hoffmann, C., Müller-Goymann, C., Daniels, R., Savic, S. Compounding of a topical drug with prospective natural surfactant- stabilized pharmaceutical bases: Physicochemical and in vitro/in vivo characterization - A ketoprofen case study (2012) European Journal of Pharmaceutics and Biopharmaceutics, 80 (1), pp. 164-175

Adlhart, C., Baschong, W. Surface distribution and depths profiling of particulate organic UV absorbers by Raman imaging and tape stripping (2011) International Journal of Cosmetic Science, 33 (6), pp. 527-534

Kleesz, P., Darlenski, R., Fluhr, J.W. Full-body skin mapping for six biophysical parameters: Baseline values at 16 anatomical sites in 125 human subjects (2011) Skin Pharmacology and Physiology, 25 (1), pp. 25-33

Hasanovic, A., Winkler, R., Resch, G.P., Valenta, C. Modification of the conformational skin structure by treatment with liposomal formulations and its correlation to the penetration depth of aciclovir (2011) European Journal of Pharmaceutics and Biopharmaceutics, 79 (1), pp. 76-81

Pailler-Mattei, C., Guerret-Piécourt, C., Zahouani, H., Nicoli, S. Interpretation of the human skin biotribological behaviour after tape stripping (2011) Journal of the Royal Society Interface, 8 (60), pp. 934-941

Camargo Jr., F.B., Gaspar, L.R., Campos, P.M.B.G.M. Skin moisturizing effects of panthenol-based formulations (2011) Journal of Cosmetic Science, 62 (4), pp. 361-369

Güngör, S., Erdal, M.S., Özdin, D. Biophysical methods used to assess the structure and the permeability of skin [Article@Derinin yapısının aydınlatılması ve geçirgenliğinin değerlendirilmesinde kullanılan biyofiziksel yöntemler] (2011) Turkiye Klinikleri Dermatoloji,

21 (1), pp. 25-39

Escobar-Chávez, J.J., López-Cervantes, M., Rondero, F.A.G Conventional methods of cutaneous drug sampling (2011) Dermatokinetics of Therapeutic Agents, pp. 81-130.

Berthaud, F., Boncheva, M. Correlation between the properties of the lipid matrix and the degrees of integrity and cohesion in healthy human Stratum corneum (2011) Experimental Dermatology, 20 (3), pp. 255-262

Berthaud, F., Boncheva, M. Correlation between the properties of the lipid matrix and the degrees of integrity and cohesion in healthy human Stratum corneum (2011) Experimental Dermatology, 20 (3), pp. 255-262

Abdullah, G.Z., Abdulkarim, M.F., Salman, I.M., Ameer, O.Z., Yam, M.F., Mutee, A.F., Chitneni, M., Mahdi, E.S., Basri, M., Sattar, M.A., Noor, A.M. In vitro permeation and in vivo anti-inflammatory and analgesic properties of nanoscaled emulsions containing ibuprofen for topical delivery (2011) International Journal of Nanomedicine, 6, pp. 387-396

Kim, M.S., Cho, Y., Seo, S.-T., Son, C.-S., Park, H.-J., Kim, Y.-N. A new method for non-invasive measurement of skin in the low frequency range (2010) Healthcare Informatics Research, 16 (3), pp. 143-148

Narkar, Y. Bioequivalence for topical products-An update (2010) Pharmaceutical Research, 27 (12), pp. 2590-2601

Pena Ferreira, M.R., Costa, P.C., Bahia, F.M. Efficacy of anti-wrinkle products in skin surface appearance: A comparative study using non-invasive methods (2010) Skin Research and Technology, 16 (4), pp. 444-449

Sharir, H., Zinger, A., Nevo, A., Sekler, I., Hershfinkel, M. Zinc released from injured cells is acting via the Zn²⁺-sensing receptor, ZnR, to trigger signaling leading to epithelial repair (2010) Journal of Biological Chemistry, 285 (34), pp. 26097-26106

Zhang, J., Liu, M., Jin, H., Deng, L., Xing, J.,

	<p>Dong, A. In vitro enhancement of lactate esters on the percutaneous penetration of drugs with different lipophilicity (2010) AAPS PharmSciTech, 11 (2), pp. 894-903</p> <p>Hahn, T., Hansen, S., Neumann, D., Kostka, K.-H., Lehr, C.-M., Muys, L., Schaefer, U.F. Infrared densitometry: A fast and non-destructive method for exact stratum corneum depth calculation for in vitro tape-stripping (2010) Skin Pharmacology and Physiology, 23 (4), pp. 183-192</p> <p>Ammer, K. Thermology 2009 - A computer-assisted literature survey (2010) Thermology International, 20 (1), pp. 5-27</p> <p>Zhou, X., You, G., Liu, D., Yao, K. In vitro investigation on the interactions of oligo-chitosan with keratin (2009) Acta Polymerica Sinica, (8), pp. 781-785</p>
Kazandjieva J., Grozdev I., Darlenski R., Tsankov N. Climatotherapy of psoriasis (2008) Clinics in Dermatology, 26 (5) , pp. 477-485.	<p>Beylot-Barry, M., Mahé, E., Rolland, C., de la Bretèque, M.A., Eychenne, C., Charles, J., Payen, C., Machet, L., Vermorel, C., Foote, A., Roques, C., Bosson, J.-L. Evaluation of the benefit of thermal spa therapy in plaque psoriasis: the PSOTHERMES randomized clinical trial (2022) International Journal of Biometeorology, 66 (6), pp. 1247-1256</p> <p>Schmalwieser, A.W., Eschenbacher, S., Schreder, J. UV-Biometer - The usage of erythema weighted broadband meters for other biological effects (2022) Journal of Photochemistry and Photobiology B: Biology, 230, art. no. 112442</p> <p>Sharma, K., Choudhary, S., Silakari, O. Portraying molecular modulation and therapeutic aspects of psoriasis: Retrospection and current status (2021) Journal of Molecular Structure, 1243, art. no. 130770</p> <p>Szatten, D., Więcław, M. Solar climate features taking into account the morphometric conditions of the area and the possibility of using them in heliotherapy on the example of the cieplice and kołobrzeg health resorts (Poland) (2021) Atmosphere, 12 (3), art. no. 383, 27 p</p>

Owczarczyk-Saczonek, A., Kasprowicz-Furmańczyk, M., Krajewska-Włodarczyk, M., Griffiths, C.E.M. Does the lifestyle of patients with psoriasis affect their illness? (2021) Postepy Higieny i Medycyny Doswiadczałnej, 75 (1), pp. 643-654

Lindner-Cendrowska, K., Bröde, P. The evaluation of biothermal conditions for various forms of climatic therapy based on utci adjusted for activity (2021) Geographia Polonica, 94 (2), pp. 167-182

Maier, A., Wiedemann, J., Rapp, F., Papenfuß, F., Rödel, F., Hehlisans, S., Gaapl, U.S., Kraft, G., Fournier, C., Frey, B. Radon exposure—therapeutic effect and cancer risk (2021) International Journal of Molecular Sciences, 22 (1), art. no. 316, pp. 1-13

Afonso, J., Fortes, M.R.S., Reverter, A., Diniz, W.J.S., Cesar, A.S.M., Lima, A.O., Petrini, J., de Souza, M.M., Coutinho, L.L., Mourão, G.B., Zerlotini, A., Gromboni, C.F., Nogueira, A.R.A., Regitano, L.C.A. Genetic regulators of mineral amount in Nelore cattle muscle predicted by a new co-expression and regulatory impact factor approach (2020) Scientific Reports, 10 (1), art. no. 8436

Cacciapuoti, S., Luciano, M.A., Megna, M., Annunziata, M.C., Napolitano, M., Patruno, C., Scala, E., Colicchio, R., Pagliuca, C., Salvatore, P., Fabbrocini, G. The role of thermal water in chronic skin diseases management: A review of the literature (2020) Journal of Clinical Medicine, 9 (9), art. no. 3047, pp. 1-19

Emmanuel, T., Lybæk, D., Johansen, C., Iversen, L. Effect of Dead Sea Climatotherapy on Psoriasis; A Prospective Cohort Study (2020) Frontiers in Medicine, 7, art. no. 83

Wollina, U. Psoriasis (2019) Advances in Integrative Dermatology, pp. 131-144

Damevska, K., França, K., Lotti, T., Nikolovska, S., Pollozhani, N. Complementary and integrative therapies for psoriasis: Looking forward (2018) Dermatologic Therapy, 31 (5), art. no. e12627

Carbajo, J.M., Maraver, F. Salt water and skin

interactions: new lines of evidence (2018) International Journal of Biometeorology, 62 (8), pp. 1345-1360

Del Río-Rama, M.C., Maldonado-Erazo, C.P., Álvarez-García, J. State of the art of research in the sector of thermalism, thalassotherapy and spa: A bibliometric analysis (2018) European Journal of Tourism Research, 19, pp. 56-70

Péter, I., Jagicza, A., Ajtay, Z., Boncz, I., Kiss, I., Szendi, K., Kustán, P., Németh, B. Balneotherapy in psoriasis rehabilitation (2017) In Vivo, 31 (6), pp. 1163-1168

Boudenne, J.-L., Parinet, J., Demelas, C., Manasfi, T., Coulomb, B. Monitoring and factors affecting levels of airborne and water bromoform in chlorinated seawater swimming pools (2017) Journal of Environmental Sciences (China), 58, pp. 262-270

Monasterio, A.M., Armijo, F., Maraver, F. Therapeutic effects of the mineral waters from Copahue Spa (2016) Active Volcanoes of the World, pp. 273-282

Golušin, Z., Jovanović, M., Magda, N., Stojanović, S., Matić, M., Petrović, A. Effects of Rusanda Spa balneotherapy combined with calcipotriol on plaque psoriasis [Article@Efekti balneoterapije u Banji Rusanda kombinovane sa kalcipotriolom na plak psorijazu] (2015) Vojnosanitetski Pregled, 72 (11), pp. 1010-1017

Monasterio, A.M., Armijo, F., Maraver, F. Therapeutic effects of the mineral waters from Copahue spa (2015) Copahue Volcano, pp. 273-282.

Quintela, A., Terroso, D., Costa, C., Sá, H., Nunes, J.C., Rocha, F. Characterization and evaluation of hydrothermally influenced clayey sediments from Caldeiras da Ribeira Grande fumarolic field (Azores Archipelago, Portugal) used for aesthetic and pelotherapy purposes (2015) Environmental Earth Sciences, 73 (6), pp. 2833-2842

Quintela, A., Almeida, S.P.F., Terroso, D., Ferreira da Silva, E., Forjaz, V., Rocha, F. Chemical Modifications and Diatom Community

Development on Volcanic Clayey Sediments During an Indoor Maturation Experiment (2015) Geomicrobiology Journal, 32 (2), pp. 103-112.

Odabaşı, E., Tekbaş, Ö.F. Can lake van water be used for treatment? (2015) TAF Preventive Medicine Bulletin, 14 (1), pp. 71-74

Eysteinsdóttir, J.H., Sigurgeirsson, B., Ólafsson, J.H., Fridriksson, T., Agnarsson, B.A., Davísson, S., Valdimarsson, H., Lúvíksson, B.R. The Role of Th17/Tc17 Peripheral Blood T cells in Psoriasis and Their Positive Therapeutic Response (2013) Scandinavian Journal of Immunology, 78 (6), pp. 529-537

Kiser, K.L., Ives, T.J. Psoriasis (2013) Koda-Kimble and Young's Applied Therapeutics: The Clinical Use of Drugs, pp. 956-967

Álvarez-Blanco, I., Blanco, S. *Nitzschia imae* sp. nov. (Bacillariophyta, Nitzschiaeae) from Iceland, with a redescription of *Hannaea arcus* var. *linearis* (2013) Anales del Jardín Botánico de Madrid, 70 (2), pp. 144-151

Gisondi, P., Farina, S., Giordano, M.V., Zanoni, M., Girolomoni, G. Attitude to treatment of patients with psoriasis attending SPA center (2012) Giornale Italiano di Dermatologia e Venereologia, 147 (5), pp. 483-489

Gálvez Galve, J.J., Peiró, P.S., Lucas, M.O., Torres, A.H., Gil, E.S., Pérez, M.B. Quality of life and assessment after local application of sulphurous water in the home environment in patients with psoriasis vulgaris: A randomised placebo-controlled pilot study (2012) European Journal of Integrative Medicine, 4 (2), pp. e213-e218.

Katz, U., Shoenfeld, Y., Zakin, V., Sherer, Y., Sukenik, S. Scientific Evidence of the Therapeutic Effects of Dead Sea Treatments: A Systematic Review (2012) Seminars in Arthritis and Rheumatism, 42 (2), pp. 186-200

Sardana, K., Mahajan, S. Psoriasis (2011) Diagnosis and Management of Skin Disorders: An Evidence-based Approach

Denby, K., Duffy, N. Complementary and

alternative therapies (2011) Current and Emerging Treatments for Psoriasis, pp. 153-164

Avriel, A., Fuchs, L., Plakht, Y., Cicurel, A., Apfelbaum, A., Satran, R., Friger, M., Dartava, D., Sukenik, S. Quality of life at the dead sea region: The lower the better? an observational study (2011) Health and Quality of Life Outcomes, 9, art. no. 38,

Schuh, A., Nowak, D. Evidence-based acute and long-lasting effects of climatherapy in moderate altitudes and on the seaside: A qualitative review (2011) Deutsche Medizinische Wochenschrift, 136 (4), pp. 135-139

Varvaresou, A., Papageorgiou, S., Kintziou, H., Iakovou, K., Protopapa, E., Kefala, V. Clay minerals in aesthetics and cosmetology (2011) Epitheorese Klinikes Farmakologias kai Farmakokinetikes, 29 (3), pp. 215-221

Palotai, T., Szepietowski, J.C., Pec, J., Arenberger, P., Giurcaneanu, C., Gyulai, R., Miljkovic, J., Pärna, E., Mikazans, I., Grusauskas, N., Hodik, M. A survey of disease severity, quality of life, and treatment patterns of biologically naive patients with psoriasis in central and eastern Europe (2010) Acta Dermatovenerologica Croatica, 18 (3), pp. 151-162

Baschini, M.T., Pettinari, G.R., Vallés, J.M., Aguzzi, C., Cerezo, P., López-Galindo, A., Setti, M., Viseras, C. Suitability of natural sulphur-rich muds from Copahue (Argentina) for use as semisolid health care products (2010) Applied Clay Science, 49 (3), pp. 205-212

Gutenbrunner, C., Bender, T., Cantista, P., Karagülle, Z. A proposal for a worldwide definition of health resort medicine, balneology, medical hydrology and climatology (2010) International Journal of Biometeorology, 54 (5), pp. 495-507

Kim, J.Y., Lee, W.J., Lee, S.-J., Kim, D.W., Kim, T.H., Jun, J.B., Kim, M.B., Kim, B.S. An investigation on the use of complementary and alternative medicine for psoriasis (2010) Korean Journal of Dermatology, 48 (6), pp. 494-502

	<p>Rokowska-Waluch, A., Pielesiak, A., Pawlaczyk, M. Spa therapy in the treatment of psoriasis (2009) <i>Przeglad Dermatologiczny</i>, 96 (5), pp. 367-370</p> <p>Roques, C.-F., De Boissezon, X., Queneau, P. Crenobalneotherapy: A medical and scientific update (2009) <i>Bulletin de l'Academie Nationale de Medecine</i>, 193 (5), pp. 1165-1180</p> <p>Özçelik, S., Akyol, M. Climatotherapy in psoriasis (2008) <i>Turkderm Deri Hastaliklari ve Frengi Arsivi</i>, 42 (SUPPL. 2), pp. 51-55.</p>
Baskett D., Darlenski R., Fluhr J.W. Skin irritation and sensitization: Mechanisms and new approaches for risk assessment - 2. Skin sensitization (2008) <i>Skin Pharmacology and Physiology</i> , 21 (4), pp. 191-202.	<p>Ubaidah Noh, T., Abd. Aziz, A., Mahmad, A., Badrol, N. Impedance-based hapteneation of skin sensitizers with self-assembled monolayer of gold nanoparticles and cysteine modified screen printed carbon electrode (2022) <i>Inorganic Chemistry Communications</i>, 145, art. no. 109964</p> <p>Silva, R.J., Tamburic, S. A State-of-the-Art Review on the Alternatives to Animal Testing for the Safety Assessment of Cosmetics (2022) <i>Cosmetics</i>, 9 (5), art. no. 90,</p> <p>Asseri, A.H., Alam, M.J., Alzahrani, F., Khames, A., Pathan, M.T., Abourehab, M.A.S., Hosawi, S., Ahmed, R., Sultana, S.A., Alam, N.F., Alam, N.-U., Alam, R., Samad, A., Pokhrel, S., Kim, J.K., Ahammad, F., Kim, B., Tan, S.C. Toward the Identification of Natural Antiviral Drug Candidates against Merkel Cell Polyomavirus: Computational Drug Design Approaches (2022) <i>Pharmaceuticals</i>, 15 (5), art. no. 501</p> <p>Rodrigues de Souza, I., Savio de Araujo-Souza, P., Morais Leme, D. Genetic variants affecting chemical mediated skin immunotoxicity (2022) <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i>, 25 (2), pp. 43-95</p> <p>Wang, S., Gu, M., Luan, C.-C., Wang, Y., Gu, X., He, J.-H. Biocompatibility and biosafety of butterfly wings for the clinical use of tissue-engineered nerve grafts (2021) <i>Neural Regeneration Research</i>, 16 (8), pp. 1606-1612</p> <p>Montero-Vilchez, T., Soler-Góngora, M., Martínez-López, A., Ana, F.-G., Buendía-Eisman, A., Molina-Leyva, A., Arias-Santiago, S. Epidermal barrier changes in patients with psoriasis: The role of phototherapy (2021)</p>

Photodermatology Photoimmunology and Photomedicine, 37 (4), pp. 285-292.

Espinosa-Rueda, M.I., Montero-Vilchez, T., Martinez-Lopez, A., Molina-Leyva, A., Sierra-Sánchez, A., Arias-Santiago, S., Buendia-Eisman, A. Cutaneous homeostasis and epidermal barrier function in a young healthy Caucasian population (2021) European Journal of Dermatology, 31 (2), pp. 176-182

de Andrade, S.F., Rocha, C., Rodrigues, L.M. Topically applied methyl nicotinate evokes a temporary inflammation on human skin (2021) Biomedical and Biopharmaceutical Research, 18 (1), pp. 38-47

Anlar, H.G., Galbiati, V., Corsini, E., Başaran, N. Evaluation of the possible role of miRNAs in chemical allergen potency (2020) Turkish Journal of Pharmaceutical Sciences, 17 (4), pp. 452-456.

Mertl, E., Riegel, E., Glück, N., Ettenberger-Bornberg, G., Lin, G., Auer, S., Haller, M., Włodarczyk, A., Steurer, C., Kirchnawy, C., Czerny, T. A dual luciferase assay for evaluation of skin sensitizing potential of medical devices (2019) Molecular Biology Reports, 46 (5), pp. 5089-5102

Baskettter, D.A., Natsch, A., Ellis, G., Api, A.M., Irizar, A., Safford, B., Ryan, C., Kern, P. Interspecies assessment factors and skin sensitization risk assessment (2018) Regulatory Toxicology and Pharmacology, 97, pp. 186-188

Baskettter, D.A., Kimber, I., Kolle, S.N.E. Contact Hypersensitivity (2017) Comprehensive Toxicology: Third Edition, 11-15, pp. 583-598

Dickel, H., Goulioumis, A., Gambichler, T., Fluhr, J.W., Kamphowe, J., Altmeier, P., Kuss, O. Standardized tape stripping: A practical and reproducible protocol to reduce uniformly the stratum corneum (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 289-297

Papale, A., Kummer, E., Galbiati, V., Marinovich, M., Galli, C.L., Corsini, E. Understanding chemical allergen potency: role of NLRP12 and Blimp-1 in the induction of IL-18 in human

keratinocytes (2017) Archives of Toxicology, 91 (4), pp. 1783-1794

Li, H., Toh, P.Z., Tan, J.Y., Zin, M.T., Lee, C.-Y., Li, B., Leolukman, M., Bao, H., Kang, L. Selected biomarkers revealed potential skin toxicity caused by certain copper compounds (2016) Scientific Reports, 6, art. no. 37664

Igielska-Kalwat, J., Gościańska, J., Witkowska, B., Nowak, I. In vivo studies of substances used in the cosmetic industry (2016) Postepy Dermatologii i Alergologii, 33 (3), pp. 163-169

Ramirez, T., Stein, N., Aumann, A., Remus, T., Edwards, A., Norman, K.G., Ryan, C., Bader, J.E., Fehr, M., Burleson, F., Foertsch, L., Wang, X., Gerberick, F., Beilstein, P., Hoffmann, S., Mehling, A., van Ravenzwaay, B., Landsiedel, R. Intra- and inter-laboratory reproducibility and accuracy of the LuSens assay: A reporter gene-cell line to detect keratinocyte activation by skin sensitizers (2016) Toxicology in Vitro, 32, pp. 278-286

Skazik-Voogt, C., Köhler, K., Ott, H., Czaja, K., Zwadlo-Klarwasser, G., Merk, H.F., Amann, P.M., Baron, J.M. Myeloid human cell lines lack functional regulation of aryl hydrocarbon receptor-dependent phase i genes (2016) Altex, 33 (1), pp. 37-46

Guyard-Nicodème, M., Gerault, E., Platteel, M., Peschard, O., Veron, W., Mondon, P., Pascal, S., Feuilloley, M.G.J. Development of a multiparametric in vitro model of skin sensitization (2015) Journal of Applied Toxicology, 35 (1), pp. 48-58

Ramirez, T., Mehling, A., Kolle, S.N., Wruck, C.J., Teubner, W., Eltze, T., Aumann, A., Urbisch, D., van Ravenzwaay, B., Landsiedel, R. LuSens: A keratinocyte based ARE reporter gene assay for use in integrated testing strategies for skin sensitization hazard identification (2014) Toxicology in Vitro, 28 (8), pp. 1482-1497

Galbiati, V., Papale, A., Galli, C.L., Marinovich, M., Corsini, E. Role of ROS and HMGB1 in contact allergen-induced IL-18 production in human keratinocytes (2014) Journal of Investigative Dermatology, 134 (11), pp. 2719-

Ciurlizza, C., Fernández, F., Calpena, A.C., Lázaro, R., Parra, A., Clares, B. Semisolid formulations containing cetirizine: human skin permeation and topical antihistaminic evaluation in a rabbit model (2014) Archives of Dermatological Research, 306 (8), pp. 711-717

Dong-Kyu, O.H., Tae-Ho, O.H. Anti-inflammatory effects of aroma oil complex on DNCB-induced allergic contact dermatitis in dogs (2014) Journal of Veterinary Clinics, 31 (3), pp. 180-193.

Szybiak, J., Wiechuła, D. Skin diseases associated with the cosmetics use (2013) Przeglad Dermatologiczny, 100 (6), pp. 392-399

Corsini, E., Galbiati, V., Nikitovic, D., Tsatsakis, A.M. Role of oxidative stress in chemical allergens induced skin cells activation (2013) Food and Chemical Toxicology, 61, pp. 74-81

Nendza, M., Gabbert, S., Kühne, R., Lombardo, A., Roncaglioni, A., Benfenati, E., Benigni, R., Bossa, C., Stempel, S., Scheringer, M., Fernández, A., Rallo, R., Giralt, F., Dimitrov, S., Mekenyany, O., Bringezu, F., Schüürmann, G. A comparative survey of chemistry-driven in silico methods to identify hazardous substances under REACH (2013) Regulatory Toxicology and Pharmacology, 66 (3), pp. 301-314

Gittler, J.K., Krueger, J.G., Guttman-Yassky, E. Atopic dermatitis results in intrinsic barrier and immune abnormalities: Implications for contact dermatitis (2013) Journal of Allergy and Clinical Immunology, 131 (2), pp. 300-313

Strese, H., Kuck, M., Benken, R., Fluhr, J.W., Schanzer, S., Richter, H., Meinke, M.C., Beuthan, J., Benderoth, C., Frankowski, G., Sterry, W., Lademann, J. Influence of finishing textile materials on the reduction of skin irritations (2013) Skin Research and Technology, 19 (1), pp. e409-e416

Huneke, R.B. Basic Experimental Methods (2012) The Laboratory Rabbit, Guinea Pig, Hamster, and Other Rodents, pp. 621-635

Enoch, S.J., Seed, M.J., Roberts, D.W., Cronin, M.T.D., Stocks, S.J., Agius, R.M. Development of mechanism-based structural alerts for respiratory sensitization hazard identification (2012) *Chemical Research in Toxicology*, 25 (11), pp. 2490-2498

Basketter, D., Crozier, J., Hubesch, B., Manou, I., Mehling, A., Scheel, J. Optimised testing strategies for skin sensitization - The LLNA and beyond (2012) *Regulatory Toxicology and Pharmacology*, 64 (1), pp. 9-16

Liu, Z., Little, J.C. Materials responsible for formaldehyde and volatile organic compound (VOC) emissions (2012) *Toxicity of Building Materials*, pp. 76-121

Kim, H.-G., Kim, K.-S., Oh, T.-H. Anti-inflammatory effects of poly- γ -glutamic acid on DNCB-induced allergic contact dermatitis in dogs (2012) *Journal of Veterinary Clinics*, 29 (4), pp. 283-296

Sebastian, K., Ott, H., Zwadlo-Klarwasser, G., Skazik-Voogt, C., Marquardt, Y., Czaja, K., Merk, H.F., Baron, J.M. Evaluation of the sensitizing potential of antibiotics in vitro using the human cell lines THP-1 and MUTZ-LC and primary monocyte-derived dendritic cells (2012) *Toxicology and Applied Pharmacology*, 262 (3), pp. 283-292

Bauch, C., Kolle, S.N., Ramirez, T., Eltze, T., Fabian, E., Mehling, A., Teubner, W., van Ravenzwaay, B., Landsiedel, R. Putting the parts together: Combining in vitro methods to test for skin sensitizing potentials (2012) *Regulatory Toxicology and Pharmacology*, 63 (3), pp. 489-504

Gosenca, M., Gašperlin, M., Kristl, J. Irritative contact dermatitis: From mechanisms of irritation to irritants' assessment (2012) *Farmacevtski Vestnik*, 63 (3), pp. 145-152.

Piérard, G.E., Paquet, P., Preudhomme, L., Noël, F., Quatresooz, P. Skin bioengineering (2012) Kanerva's Occupational Dermatology, Second Edition, 2, pp. 991-1001.

Adler, S., Basketter, D., Creton, S., Pelkonen, O.,

Van Benthem, J., Zuang, V., Andersen, K.E., Angers-Loustau, A., Aptula, A., Bal-Price, A., Benfenati, E., Bernauer, U., Bessems, J., Bois, F.Y., Boobis, A., Brandon, E., Bremer, S., Broschard, T., Casati, S., Coecke, S., Corvi, R., Cronin, M., Daston, G., Dekant, W., Felter, S., Grignard, E., Gundert-Remy, U., Heinonen, T., Kimber, I., Kleinjans, J., Komulainen, H., Kreiling, R., Kreysa, J., Leite, S.B., Loizou, G., Maxwell, G., Mazzatorta, P., Munn, S., Pfuhler, S., Phrakonkham, P., Piersma, A., Poth, A., Prieto, P., Repetto, G., Rogiers, V., Schoeters, G., Schwarz, M., Serafimova, R., Tähti, H., Testai, E., Van Delft, J., Van Loveren, H., Vinken, M., Worth, A., Zaldivar, J.-M. Alternative (non-animal) methods for cosmetics testing: Current status and future prospects-2010 (2011) Archives of Toxicology, 85 (5), pp. 367-485

Galbiati, V., Mitjans, M., Lucchi, L., Viviani, B., Galli, C.L., Marinovich, M., Corsini, E. Further development of the NCTC 2544 IL-18 assay to identify in vitro contact allergens (2011) Toxicology in Vitro, 25 (3), pp. 724-732

Abou-Dakn, M., Fluhr, J.W., Gensch, M., Wöckel, A. Positive effect of HPA lanolin versus expressed breastmilk on painful and damaged nipples during lactation (2010) Skin Pharmacology and Physiology, 24 (1), pp. 27-35

Baskettter, D.A., Kimber, I. Contact Hypersensitivity (2010) Comprehensive Toxicology, Second Edition, 5, pp. 397-411

Dickel, H., Goulioumis, A., Gambichler, T., Fluhr, J.W., Kamphowe, J., Altmeyer, P., Kuss, O. Standardized tape stripping: A practical and reproducible protocol to uniformly reduce the stratum corneum (2010) Skin Pharmacology and Physiology, 23 (5), pp. 259-265

Wanner, R., Sonnenburg, A., Quatchadze, M., Schreiner, M., Peiser, M., Zuberbier, T., Stahlmann, R. Classification of sensitizing and irritative potential in a combined in-vitro assay (2010) Toxicology and Applied Pharmacology, 245 (2), pp. 211-218

Ott, H., Wiederholt, T., Andresen Bergström, M., Heise, R., Skazik, C., Czaja, K., Marquardt, Y., Karlberg, A.-T., Merk, H.-F., Baron, J.M. High-

resolution transcriptional profiling of chemical-stimulated dendritic cells identifies immunogenic contact allergens, but not prohaptens (2010) Skin Pharmacology and Physiology, 23 (4), pp. 213-224

Gunturi, S.B., Theerthala, S.S., Patel, N.K., Bahl, J., Narayanan, R. Prediction of skin sensitization potential using D-optimal design and GA-kNN classification methods (2010) SAR and QSAR in Environmental Research, 21 (3), pp. 305-335

Ngo, M.A., Maibach, H.I. Dermatotoxicology: Historical perspective and advances (2010) Toxicology and Applied Pharmacology, 243 (2), pp. 225-238

Cronin, M.T.D. Prediction of harmful human health effects of chemicals from structure (2010) Challenges and Advances in Computational Chemistry and Physics, 8, pp. 305-325

Vollmer, J. Immunotoxicity: Technologies for predicting immune stimulation, a focus on nucleic acids and haptens (2010) Predictive Toxicology in Drug Safety, pp. 124-134

Nendza, M., Aldenberg, T., Benfenati, E., Benigni, R., Cronin, M.T.D., Escher, S., Fernandez, A., Gabbert, S., Giralt, F., Hewitt, M., Hrovat, M., Jeram, S., Kroese, D., Madden, J.C., Mangelsdorf, I., Rallo, R., Roncaglion, A., Rorije, E., Segner, H., Simon-Hettichl, B., Vermeire, T. Data quality assessment for in silico methods: A survey of approaches and needs (2010) Issues in Toxicology, pp. 59-117

Nosbaum, A., Nicolas, J.-F., Vocanson, M., Rozieres, A., Berard, F. Allergic and irritant contact dermatitis. Pathophysiology and immunological diagnosis (2010) Archives des Maladies Professionnelles et de l'Environnement, 71 (3), pp. 394-397

Ott, H., Baron, J.M., Heise, R., Skazik, C., Merk, H.F. Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis (2010) Skin Pharmacology and Physiology, 23 (1), pp. 53-59

Krautheim, A., Elsner, P. Occupational dermatology (2009) Aktuelle Dermatologie, 35

	(11), pp. 463-477 Lv, L., Yan, G.-Y., Zhao, Y.-L., He, X.-J., Jiang, X., Zhuo, Y.-Q., Wang, Y.-L., Wang, L., Cen, X.-B. Investigation of the dermal sensitizing potential of traditional medical extracts in local lymph node assays (2009) Experimental Biology and Medicine, 234 (3), pp. 306-313 Achilleos, C., Tailhardat, M., Courtellemont, P., Varlet, B.L., Dupont, D. Investigation of surface plasmon resonance biosensor for skin sensitizers studies (2009) Toxicology in Vitro, 23 (2), pp. 308-318
Fluhr J.W., Darlenski R., Surber C. Glycerol and the skin: Holistic approach to its origin and functions (2008) British Journal of Dermatology, 159 (1), pp. 23-34	Murphy, B., Grimshaw, S., Hoptroff, M., Paterson, S., Arnold, D., Cawley, A., Adams, S.E., Falciani, F., Dadd, T., Eccles, R., Mitchell, A., Lathrop, W.F., Marrero, D., Yarova, G., Villa, A., Bajor, J.S., Feng, L., Mihalov, D., Mayes, A.E. Alteration of barrier properties, stratum corneum ceramides and microbiome composition in response to lotion application on cosmetic dry skin (2022) Scientific Reports, 12 (1), art. no. 5223 Koletti, A.E., Kontogiannopoulos, K.N., Gardikis, K., Letsiou, S., Papageorgiou, V.P., Assimopoulou, A.N. Nanostructured lipid carriers of alkannins and shikonins: Experimental design, characterization and bioactivity studies (2022) Journal of Drug Delivery Science and Technology, 77, art. no. 103881 Siemiradzka, W., Bułaś, L., Dolińska, B. Permeation of albumin through the skin depending on its concentration and the substrate used in simulated conditions in vivo (2022) Biomedicine and Pharmacotherapy, 155, art. no. 113722 Preda, P., Enciu, A.-M., Adiaconita, B., Mihalache, I., Craciun, G., Boldeiu, A., Aricov, L., Romanitan, C., Stan, D., Marculescu, C., Tanase, C., Avram, M. New Amorphous Hydrogels with Proliferative Properties as Potential Tools in Wound Healing (2022) Gels, 8 (10), art. no. 604 Jaafar, A., Darvin, M.E., Tuchin, V.V., Veres, M.

Confocal Raman Micro-Spectroscopy for Discrimination of Glycerol Diffusivity in Ex Vivo Porcine Dura Mater (2022) Life, 12 (10), art. no. 1534

Huang, T.Y., Jiang, Y.E., Scott, D.A. Culturable bacteria in the entire acne lesion and short-chain fatty acid metabolites of *Cutibacterium acnes* and *Staphylococcus epidermidis* isolates (2022) Biochemical and Biophysical Research Communications, 622, pp. 45-49

Peltier, E., Trapp, S., de Salvo, R., Sun, C., Brandt, M., Laing, S., Hennighausen, N., Barrionuevo-Gonzalez, A. A new dexpanthenol-containing liquid cleanser for atopic-prone skin: Results from two prospective clinical studies evaluating cutaneous tolerability, moisturization potential, and effects on barrier function (2022) Journal of Cosmetic Dermatology, 21 (9), pp. 3859-3866

Salgaonkar, N., Kadamkode, V., Kumaran, S., Mallemala, P., Christy, E., Appavoo, S., Majumdar, A., Mitra, R., Dasgupta, A. Glycerol fermentation by skin bacteria generates lactic acid and upregulates the expression levels of genes associated with the skin barrier function (2022) Experimental Dermatology, 31 (9), pp. 1364-1372

Kolankowski, K., Miętus, M., Ruśkowski, P., Gadomska-Gajadhur, A. Optimisation of Glycerol and Itaconic Anhydride Polycondensation (2022) Molecules, 27 (14), art. no. 4627

Rohel, A., Desmons, M., Léonard, G., Desgagnés, A., da Silva, R., Simoneau, M., Mercier, C., Massé-Alarie, H. The influence of experimental low back pain on neural networks involved in the control of lumbar erector spinae muscles (2022) Journal of Neurophysiology, 127 (6), pp. 1593-1605

Stettler, H., de Salvo, R., Brandt, M., Effertz, A.-K., Laing, S., Trapp, S. Performance and Acceptability of a New Dexpanthenol-Containing Hand Cream in Subjects with Sensitive and Very Dry Skin: A Randomized Controlled Study (2022) Cosmetics, 9 (3), art. no. 44

Katibi, O.S., Cork, M.J., Flohr, C., Danby, S.G. Moisturizer therapy in prevention of atopic

dermatitis and food allergy: To use or disuse? (2022) Annals of Allergy, Asthma and Immunology, 128 (5), pp. 512-525

Qu, W., Qader, I.B., Abbott, A.P. Controlled release of pharmaceutical agents using eutectic modified gelatin (2022) Drug Delivery and Translational Research, 12 (5), pp. 1187-1194

Hirt, P., Aickara, D.J., Sanchez, D., Lev-Tov, H. Wound Care (2022) Atopic Dermatitis: Inside Out or Outside In, pp. 209-225.

Ahn, Y., Kim, M.G., Jo, K., Hong, K.-B., Suh, H.J. Effects of Sphingomyelin-Containing Milk Phospholipids on Skin Hydration in UVB-Exposed Hairless Mice (2022) Molecules, 27 (8), art. no. 2545

Wang, J., Chawdhary, G., Yang, X., Morin, F., Khalid-Raja, M., Farrell, J., Macdougall, D., Chen, F., Morris, D.P., Adamson, R.B.A. Optical Clearing Agents for Optical Imaging Through Cartilage Tympanoplasties: A Preclinical Feasibility Study (2022) Otology and Neurotology, 43 (4), pp. E467-E474

Ndhlovu, G.O.N., Dube, F.S., Moonsamy, R.T., Mankahla, A., Hlela, C., Levin, M.E., Lunjani, N., Shittu, A.O., Abdulgader, S.M. Skin and nasal colonization of coagulase-negative staphylococci are associated with atopic dermatitis among South African toddlers (2022) PLoS ONE, 17 (3 March), art. no. e0265326

Gallinger, J., Kuhn, A., Wessel, S., Behm, P., Heinecke, S., Filbry, A., Hillemann, L., Rippke, F. Depth-dependent hydration dynamics in human skin: Vehicle-controlled efficacy assessment of a functional 10% urea plus NMF moisturizer by near-infrared confocal spectroscopic imaging (KOSIM IR) and capacitance method complemented by volunteer perception (2022) Skin Research and Technology, 28 (2), pp. 342-349

Pham, T.L.-B., Thi, T.T., Nguyen, H.T.-T., Lao, T.D., Binh, N.T., Nguyen, Q.D. Anti-Aging Effects of a Serum Based on Coconut Oil Combined with Deer Antler Stem Cell Extract on a Mouse Model of Skin Aging (2022) Cells, 11 (4), art. no. 597

Stettler, H., Crowther, J., Boxshall, A., Bielfeldt, S., Lu, B., Salvo, R., Trapp, S., Blenkiron, P. Biophysical and Subject-Based Assessment of the Effects of Topical Moisturizer Usage on Xerotic Skin—Part II: Visioscan® VC 20plus Imaging (2022) Cosmetics, 9 (1), art. no. 5,

Stettler, H., Crowther, J., Boxshall, A., Bielfeldt, S., Lu, B., de Salvo, R., Trapp, S., Blenkiron, P. Biophysical and Subject-Based Assessment of the Effects of Topical Moisturizer Usage on Xerotic Skin—Part I: Epsilon™ 2D Skin Hydration (2022) Cosmetics, 9 (1), art. no. 6,

Sakata, Y., Mayama, H., Nonomura, Y. Friction dynamics of moisturized human skin under non-linear motion (2022) International Journal of Cosmetic Science, 44 (1), pp. 20-29

Kil, Y.-S., Han, A.-R., Hong, M.-J., Kim, J.-B., Park, P.-H., Choi, H., Nam, J.-W. 1H NMR-Based Chemometrics to Gain Insights Into the Bran of Radiation-Induced Colored Wheat Mutant (2022) Frontiers in Nutrition, 8, art. no. 806744, .

Fluhr, J.W., Tfayli, A., Darlenski, R., Darvin, M.E., Joly-Tonetti, N., Lachmann, N. Glycerol and natural sugar-derived complex modulate differentially stratum corneum water-binding properties and structural parameters in an in vitro Raman-desorption model (2022) Journal of Biophotonics,

Polena, H., Chavagnac-Bonneville, M., Sayag, M. Improvement of Quality of Life in Dialysis and Diabetic Patients by Skin Dryness and Pruritus Management with an Ecobiological Dermo-Cosmetic Product (2022) Clinical, Cosmetic and Investigational Dermatology, 15, pp. 2143-2152

Bernardes, M.J.C., Gonçalves, R.C., de Sousa Carvalho, C., Rosa, L.M., Ferreira, A.P., Vilela, M.S., Vinaud, M.C., Junior, H.G., de Souza Lino, R. Hydrogel-based dressings in the treatment of partial thickness experimentally induced burn wounds in rats (2022) Acta Cirurgica Brasileira, 37 (4), art. no. e370401

Shirshakova, M.A., Bayankina, P.E., Koledinskaya, A. Aquaporin mechanism for skin rejuvenation and rehydration (2022)

Klinicheskaya Dermatologiya i Venerologiya, 21 (2), pp. 242-248.

de Wit, A., Siebenga, P.S., Wijdeveld, R.W., Koopmans, P.C., van Loghem, J.A.J. A split-face comparative performance evaluation of injectable hyaluronic acid-based preparations HCC and CPM-HA20G in healthy females (2022) Journal of Cosmetic Dermatology

Alashek, F., Keshe, M., Alhassan, G. Preparation of glycerol derivatives by entered of glycerol in different chemical organic reactions: A review (2022) Results in Chemistry, 4, art. no. 100359, .

Lamie, C., Elmowafy, E., Ragaie, M.H., Attia, D.A., Mortada, N.D. Assessment of antifungal efficacy of itraconazole loaded aspasomal cream: comparative clinical study (2022) Drug Delivery, 29 (1), pp. 1345-1357

Prangenber, J., Doberentz, E., Madea, B. Mini Review: Forensic Value of Aquaporines (2021) Frontiers in Medicine, 8, art. no. 793140

Evdokimenko, S.N., Motyleva, S., Medvedev, S.M., Kulikov, I.M. Rubus idaeus l. Fruit nutrients are affected by different growing technologies (2021) Sabrao Journal of Breeding and Genetics, 53 (4), pp. 645-658

Grip, J., Steene, E., Engstad, R.E., Hart, J., Bell, A., Skjæveland, I., Basnet, P., Škalko-Basnet, N., Holsæter, A.M. Development of a novel beta-glucan supplemented hydrogel spray formulation and wound healing efficacy in a db/db diabetic mouse model (2021) European Journal of Pharmaceutics and Biopharmaceutics, 169, pp. 280-291

Barriónuevo-González, A., Trapp, S., de Salvo, R., Reitmann, M., Cassar, E., Rharbaoui, S., Reber, F., Stettler, H. Three new dexamphenol-containing face creams: Performance and acceptability after single and repeated applications in subjects of different ethnicity with dry and sensitive skin (2021) Cosmetics, 8 (4), art. no. 93

Fölster-Holst, R., Reimer, R., Neumann, C., Proksch, E., Rodriguez, E., Weidinger, S., Goldust, M., Hanisch, E., Dähnhardt-Pfeiffer, S.,

Freitag-Wolf, S. Comparison of epidermal barrier integrity in adults with classic atopic dermatitis, atopic prurigo and non-atopic prurigo nodularis (2021) *Biology*, 10 (10), art. no. 1008

Crowther, J.M. Understanding humectant behaviour through their water-holding properties (2021) *International Journal of Cosmetic Science*, 43 (5), pp. 601-609

da Silva, I.V., Silva, A.G., Pimpão, C., Soveral, G. Skin aquaporins as druggable targets: Promoting health by addressing the disease (2021) *Biochimie*, 188, pp. 35-44

Flament, F., Galliano, A., Abric, A., Matoschitz, C.-M., Bammer, M., Kampus, M., Kanda-Diwidi, D., Chibout, S., Cassier, M., Delaunay, C. Skin moisture assessment using Hydration Sensor Patches coupled with smartphones via Near Field Communication (NFC). A pilot study with the first generation of patches that allow self-recordings of skin hydration (2021) *Skin Research and Technology*, 27 (5), pp. 959-965

Choudhary, V., Kaddour-Djebar, I., Custer, V.E., Uaratanawong, R., Chen, X., Cohen, E., Yang, R., Ajebo, E., Hossack, S., Bollag, W.B. Glycerol improves skin lesion development in the imiquimod mouse model of psoriasis: Experimental confirmation of anecdotal reports from patients with psoriasis (2021) *International Journal of Molecular Sciences*, 22 (16), art. no. 8749

Casula, E., Manca, M.L., Perra, M., Pedraz, J.L., Lopez-Mendez, T.B., Lozano, A., Calvo, E., Zaru, M., Manconi, M. Nasal spray formulations based on combined hyalurosomes and glycerosomes loading zingiber officinalis extract as green and natural strategy for the treatment of rhinitis and rhinosinusitis (2021) *Antioxidants*, 10 (7), art. no. 1109

Stettler, H., Crowther, J.M., Brandt, M., Lu, B., Boxshall, A., de Salvo, R., Laing, S., Hennighausen, N., Bielfeldt, S., Blenkiron, P. Targeted dry skin treatment using a multifunctional topical moisturizer (2021) *International Journal of Cosmetic Science*, 43 (2), pp. 191-200

Das, S., De, A., Das, B., Mukherjee, B., Samanta, A. Development of gum odina-gelatin based antimicrobial loaded biodegradable spongy scaffold: A promising wound care tool (2021) Journal of Applied Polymer Science, 138 (12), art. no. 50057

Stettler, H., de Salvo, R., Olsavszky, R., Nanu, E.A., Dumitru, V., Trapp, S. Performance and tolerability of a new topical dexpanthenol-containing emollient line in subjects with dry skin: Results from three randomized studies (2021) Cosmetics, 8 (1), art. no. 18, pp. 1-20

Freitas, L.M., Antunes, F.T.T., Obach, E.S., Correa, A.P., Wiland, E., de Mello Feliciano, L., Reinicke, A., Amado, G.J.V., Grivicich, I., Fialho, M.F.P., Rebelo, I.N., de Souza, A.H. Anti-inflammatory effects of a topical emulsion containing Helianthus annuus oil, glycerin, and vitamin B3 in mice (2021) Journal of Pharmaceutical Investigation, 51 (2), pp. 223-232

Negari, I.P., Keshari, S., Huang, C.-M. Probiotic activity of staphylococcus epidermidis induces collagen type i production through FFAR2/P-ERK signaling (2021) International Journal of Molecular Sciences, 22 (3), art. no. 1414, pp. 1-14

Yamada, T., Habuka, A., Hatta, I. Moisturizing mechanism of glycerol and diglycerol on human stratum corneum studied by synchrotron X-ray diffraction (2021) International Journal of Cosmetic Science, 43 (1), pp. 38-47

Adan, F., Oyen, E.M.M., Holtackers, R.J., VAN LOO, E., Dermont, G.-J., Kelleners-Smeets, N.W.J., Nelemans, P.J., Mosterd, K. Topical application of glycerol increases penetration depth of optical coherence tomography in diagnosis of basal cell carcinoma (2021) Acta Dermato-Venereologica, 101 (6), art. no. adv00474

Lindley-Hatcher, H., Hernandez-Serrano, A.I., Wang, J., Cebrian, J., Hardwicke, J., Pickwell-MacPherson, E. Evaluation of in vivo THz sensing for assessing human skin hydration (2021) JPhys Photonics, 3 (1), art. no. abcb71

Yao, Q., Jia, T., Qiao, W., Gu, H., Kaku, K. Unsaturated fatty acid-enriched extract from

Hippophae rhamnoides seed reduces skin dryness through up-regulating aquaporins 3 and hyaluronan synthetases 2 expressions (2021) Journal of Cosmetic Dermatology, 20 (1), pp. 321-329

Youssef, R., Hafez, V., Elkholly, Y., Mourad, A. Glycerol 85% efficacy on atopic skin and its microbiome: a randomized controlled trial with clinical and bacteriological evaluation (2021) Journal of Dermatological Treatment, 32 (7), pp. 730-736

Basal, W.T., Issa, A.M., Mohammed, S.E.S., Mazen, S.A.-E. In vivo evaluation of the toxicity, genotoxicity, histopathological, and anti-inflammatory effects of the purified bioglycerol byproduct in biodiesel industry (2020) Journal of Genetic Engineering and Biotechnology, 18 (1), art. no. 61

Pelikh, O., Keck, C.M. Hair follicle targeting and dermal drug delivery with curcumin drug nanocrystals—essential influence of excipients (2020) Nanomaterials, 10 (11), art. no. 2323, pp. 1-25

Panzuti, P., Vidémont, E., Fantini, O., Fardouet, L., Noël, G., Cappelle, J., Pin, D. A moisturizer formulated with glycerol and propylene glycol accelerates the recovery of skin barrier function after experimental disruption in dogs (2020) Veterinary Dermatology, 31 (5), pp. 344-e89.

Stoffers, K.M., Cronkright, A.A., Huggins, G.S., Baleja, J.D. Noninvasive Epidermal Metabolite Profiling (2020) Analytical Chemistry, 92 (18), pp. 12467-12472

Suchomel, M., Eggers, M., Maier, S., Kramer, A., Dancer, S.J., Pittet, D. Evaluation of world health organization-recommended hand hygiene formulations (2020) Emerging Infectious Diseases, 26 (9), pp. 2064-2068.

Mir-Palomo, S., Nácher, A., Ofelia Vila-Busó, M.A., Caddeo, C., Manca, M.L., Saurí, A.R., Escribano-Ferrer, E., Manconi, M., Díez-Sales, O. Co-loading of finasteride and baicalin in phospholipid vesicles tailored for the treatment of hair disorders (2020) Nanoscale, 12 (30), pp. 16143-16152

Singh, Y., Sadhu, A., Raghuwanshi, S.K. Development and Experimental Analysis of Titanium Dioxide (TiO₂) Coated Etched Fiber Bragg Grating Sensor for Chemical Sensing (2020) IEEE Sensors Journal, 20 (15), art. no. 9046800, pp. 8528-8534.

Faucheu, E., Picard, C., Grisel, M., Savary, G. Residual film formation after emulsion application: Understanding the role and fate of excipients on skin surface (2020) International Journal of Pharmaceutics, 585, art. no. 119453

Balasubramaniam, A., Adi, P., Thi, T.M.D., Yang, J.-H., Labibah, A.S., Huang, C.-M. Skin bacteria mediate glycerol fermentation to produce electricity and resist uv-b (2020) Microorganisms, 8 (7), art. no. 1092, pp. 1-11

Cu, K., Bansal, R., Mitragotri, S., Fernandez Rivas, D. Delivery Strategies for Skin: Comparison of Nanoliter Jets, Needles and Topical Solutions (2020) Annals of Biomedical Engineering, 48 (7), pp. 2028-2039

Huang, T.Y., Herr, D.R., Huang, C.-M., Jiang, Y. Amplification of probiotic bacteria in the skin microbiome to combat *Staphylococcus aureus* infection (2020) Microbiology Australia, 41 (2), pp. 61-64

Schwartz, D., Gefen, A. An integrated experimental-computational study of the microclimate under dressings applied to intact weight-bearing skin (2020) International Wound Journal, 17 (3), pp. 562-577

O'Sullivan, J.N., Rea, M.C., Hill, C., Ross, R.P. Protecting the outside: Biological tools to manipulate the skin microbiota (2020) FEMS Microbiology Ecology, 96 (6), art. no. fiaa085

Amrani, G., Peko, L., Hoffer, O., Ovadia-Blechman, Z., Gefen, A. The microclimate under dressings applied to intact weight-bearing skin: Infrared thermography studies (2020) Clinical Biomechanics, 75, art. no. 104994

Ponrasu, T., Yang, R.-F., Chou, T.-H., Wu, J.-J., Cheng, Y.-S. Core-Shell Encapsulation of Lipophilic Substance in Jelly Fig (Ficus

awkeotsang Makino) Polysaccharides Using an Inexpensive Acrylic-Based Millifluidic Device (2020) Applied Biochemistry and Biotechnology, 191 (1), pp. 360-375.

Favrel, S., Mielewczik, E., Liberek, A., Paw, E., Chabowska, I., Sirvent, A., Ribet, V., Delarue, A. A high-emollient liquid cleanser for very dry and atopic-prone skin: Results of an in-use tolerance and efficacy study conducted under dermatological, pediatric, and ophthalmological supervision (2020) Journal of Cosmetic Dermatology, 19 (5), pp. 1155-1160

Laothaweerungsawat, N., Neimkhum, W., Anuchapreeda, S., Sirithunyalug, J., Chaiyana, W. Transdermal delivery enhancement of carvacrol from *Origanum vulgare* L. essential oil by microemulsion (2020) International Journal of Pharmaceutics, 579, art. no. 119052

Yang, R., Chowdhury, S., Choudhary, V., Chen, X., Bollag, W.B. Keratinocyte aquaporin-3 expression induced by histone deacetylase inhibitors is mediated in part by peroxisome proliferator-activated receptors (PPARs) (2020) Experimental Dermatology, 29 (4), pp. 380-386

Ashrafi, M., Xu, Y., Muhamadali, H., White, I., Wilkinson, M., Hollywood, K., Baguneid, M., Goodacre, R., Bayat, A. A microbiome and metabolomic signature of phases of cutaneous healing identified by profiling sequential acute wounds of human skin: An exploratory study (2020) PLoS ONE, 15 (2), art. no. e0229545

Guneri, D., Voegeli, R., Doppler, S., Zhang, C., Bankouski, A.L., Munday, M.R., Lane, M.E., Rawlings, A.V. The importance of 12R-lipoxygenase and transglutaminase activities in the hydration-dependent ex vivo maturation of corneocyte envelopes (2019) International Journal of Cosmetic Science, 41 (6), pp. 563-578

Khan, M.A., Hussain, Z., Ali, S., Qamar, Z., Imran, M., Hafeez, F.Y. Fabrication of Electrospun Probiotic Functionalized Nanocomposite Scaffolds for Infection Control and Dermal Burn Healing in a Mice Model (2019) ACS Biomaterials Science and Engineering, 5 (11), pp. 6109-6116

Augustin, M., Wilsmann-Theis, D., Körber, A., Kerscher, M., Itschert, G., Dippel, M., Staubach, P. Diagnosis and treatment of xerosis cutis – a position paper (2019) JDDG - Journal of the German Society of Dermatology, 17 (S7), pp. 3-33

Aoki, M., Murase, T. Obesity-associated insulin resistance adversely affects skin function (2019) PLoS ONE, 14 (10), art. no. e0223528,

Caberlotto, E., Cornillon, C., Njikeu, S., Monot, M., Vicic, M., Flament, F. Synchronized *in vivo* measurements of skin hydration and trans-epidermal water loss. Exploring their mutual influences (2019) International Journal of Cosmetic Science, 41 (5), pp. 437-442

Keshari, S., Balasubramaniam, A., Myagmardoloonjin, B., Herr, D.R., Negari, I.P., Huang, C.-M. Butyric acid from probiotic *staphylococcus epidermidis* in the skin microbiome down-regulates the ultraviolet-induced pro-inflammatory IL-6 cytokine via short-chain fatty acid receptor (2019) International Journal of Molecular Sciences, 20 (18), art. no. 4477

Sarri, B., Chen, X., Canonge, R., Grégoire, S., Formanek, F., Galey, J.-B., Potter, A., Bornschlögl, T., Rigneault, H. In *vivo* quantitative molecular absorption of glycerol in human skin using coherent anti-Stokes Raman scattering (CARS) and two-photon auto-fluorescence (2019) Journal of Controlled Release, 308, pp. 190-196

Ikarashi, N., Mizukami, N., Kon, R., Kaneko, M., Uchino, R., Fujisawa, I., Fukuda, N., Sakai, H., Kamei, J. Study of the mechanism underlying the onset of diabetic xeroderma focusing on an aquaporin-3 in a streptozotocin-induced diabetic mouse model (2019) International Journal of Molecular Sciences, 20 (15), art. no. 3782

Wang, G., Liu, W., Song, W. Toxicity assessment of electronic cigarettes (2019) Inhalation Toxicology, 31 (7), pp. 259-273

Potuck, A., Leming, R., Lam, S. Dynamic rheology as a quantitative method for real-time tracking of excipient solvation in non-aqueous hydroxypropylcellulose topical gels (2019)

Pharmaceutical Development and Technology, 24 (4), pp. 521-527

Nakata, S., Nomura, M., Yamaguchi, Y., Hishida, M., Kitahata, H., Katsumoto, Y., Denda, M., Kumazawa, N. Characteristic responses of a 1,2-dipalmitoleyl-sn-glycero-3-phosphoethanolamine molecular layer depending on the number of CH(OH) groups in polyols (2019) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 560, pp. 149-153.

Exalto, N., Emanuel, M.H. Clinical Aspects of HyFoSy as Tubal Patency Test in Subfertility Workup (2019) BioMed Research International, 2019, art. no. 4827376

Szél, E., Danis, J., Sörés, E., Tóth, D., Korponyai, C., Degovics, D., Prorok, J., Acsai, K., Dikstein, S., Kemény, L., Erős, G. Protective effects of glycerol and xylitol in keratinocytes exposed to hyperosmotic stress (2019) Clinical, Cosmetic and Investigational Dermatology, 12, pp. 323-331

Sanford, J.A., O'Neill, A.M., Zouboulis, C.C., Gallo, R.L. Short-chain fatty acids from cutibacterium acnes activate both a canonical and epigenetic inflammatory response in human sebocytes (2019) Journal of Immunology, 202 (6), pp. 1767-1776.

Vidal Yucha, S.E., Tamamoto, K.A., Nguyen, H., Cairns, D.M., Kaplan, D.L. Human Skin Equivalents Demonstrate Need for Neuro-Immuno-Cutaneous System (2019) Advanced Biosystems, 3 (1), art. no. 1800283

Hooshmand, S.E., Heidari, B., Sedghi, R., Varma, R.S. Recent advances in the Suzuki-Miyaura cross-coupling reaction using efficient catalysts in eco-friendly media (2019) Green Chemistry, 21 (3), pp. 381-405

Yang, A.-J., Marito, S., Yang, J.-J., Keshari, S., Chew, C.-H., Chen, C.-C., Huang, C.-M. A microtube array membrane (MTAM) encapsulated live fermenting staphylococcus epidermidis as a skin probiotic patch against cutibacterium acnes (2019) International Journal of Molecular Sciences, 20 (1), art. no. 14, .

Varma, S.R., Sivaprakasam, T.O., Arumugam, I.,

Dilip, N., Raghuraman, M., Pavan, K.B., Rafiq, M., Paramesh, R. In vitro anti-inflammatory and skin protective properties of Virgin coconut oil (2019) Journal of Traditional and Complementary Medicine, 9 (1), pp. 5-14

Muthuramalingam, K., Park, S., Cho, M. Synthesis and optimization of immunomodulating hydrogel for biomedical application (2018) Journal of Applied Biological Chemistry, 61 (4), pp. 351-355.

Osseiran, S., Cruz, J.D., Jeong, S., Wang, H., Fthenakis, C., Evans, C.L. Characterizing the stratum corneum structure, barrier function, and chemical content of human skin with coherent Raman scattering imaging (2018) Biomedical Optics Express, 9 (12), art. no. #345793, pp. 6425-6443

Fluhr, J.W., Zuberbier, T., Darlenski, R. Noninvasive measures in atopic dermatitis (2018) Current Opinion in Allergy and Clinical Immunology, 18 (5), pp. 417-424.

Bensignor, E.J., Fabriès, L.J. Use of antipruritic and rehydrating foams on localized lesions of atopic dermatitis in dogs: a small-scale pilot and comparative double-blinded study (2018) Veterinary Dermatology, 29 (5), pp. 446-e150

Augustin, M., Wilsmann-Theis, D., Körber, A., Kerscher, M., Itschert, G., Dippel, M., Staubach, P. Positionspapier: Diagnostik und Therapie der Xerosis cutis (2018) JDDG - Journal of the German Society of Dermatology, 16, pp. 3-35

Kočevar Glavač, N., Lunder, M. Preservative efficacy of selected antimicrobials of natural origin in a cosmetic emulsion (2018) International Journal of Cosmetic Science, 40 (3), pp. 276-284

Duplan, H., Nocera, T. Skin hydration and hydrating products (2018) Annales de Dermatologie et de Venereologie, 145 (5), pp. 376-384

Souza, S.L., Graça, G., Oliva, A. Characterization of sweat induced with pilocarpine, physical exercise, and collected passively by metabolomic analysis (2018) Skin Research and Technology, 24 (2), pp. 187-195

Dancik, Y., Sriram, G., Rout, B., Zou, Y., Bigliardi-Qi, M., Bigliardi, P.L. Physical and compositional analysis of differently cultured 3D human skin equivalents by confocal Raman spectroscopy (2018) *Analyst*, 143 (5), pp. 1065-1076

Verallo-Rowell, V.M., Katalbas, S.S., Evangelista, M.T.P., Dayrit, J.F. Review Update on Topical Therapy for Psoriasis (2018) *Current Dermatology Reports*, 7 (1), pp. 24-36

Páyer, E., Szabó-Papp, J., Ambrus, L., Szöllősi, A.G., András, M., Dikstein, S., Kemény, L., Juhász, I., Szegedi, A., Bíró, T., Oláh, A. Beyond the physico-chemical barrier: Glycerol and xylitol markedly yet differentially alter gene expression profiles and modify signalling pathways in human epidermal keratinocytes (2018) *Experimental Dermatology*, 27 (3), pp. 280-284

Lee, S., Lee, J., Yu, H., Lim, J. Synthesis of environment friendly biosurfactants and characterization of interfacial properties for cosmetic and household products formulations (2018) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 536, pp. 224-233

Le Guyader, G., Vieillard, V., Andrieux, K., Rollo, M., Thirion, O., Wolkenstein, P., Paul, M. Long-term stability of 0.1% rapamycin hydrophilic gel in the treatment of facial angiofibromas (2018) *European Journal of Hospital Pharmacy*

Larsen, H.F., Ahlström, M.G., Gjerdum, L.M.R., Mogensen, M., Ghathian, K., Calum, H., Sørensen, A.L., Forman, J.L., Vandeven, M., Holerca, M.N., Du-Thumm, L., Jorgensen, L.N., Ågren, M.S. Noninvasive measurement of reepithelialization and microvascularity of suction-blister wounds with benchmarking to histology (2017) *Wound Repair and Regeneration*, 25 (6), pp. 984-993

Brooks, J., Ersser, S.J., Cowdell, F., Gardiner, E., Mengistu, A., Matts, P.J. A randomized controlled trial to evaluate the effect of a new skincare regimen on skin barrier function in those with podoconiosis in Ethiopia (2017) *British Journal of Dermatology*, 177 (5), pp. 1422-1431

Evans, R.L., Turner, G.A., Bates, S., Robinson, T., Arnold, D., Marriott, R.E., Pudney, P.D.A., Bonnist, E.Y.M., Green, D. Human axillary skin condition is improved following incorporation of glycerol into the stratum corneum from an antiperspirant formulation (2017) Archives of Dermatological Research, 309 (9), pp. 739-748

Brooks, J., Cowdell, F., Ersser, S.J., Gardiner, E.D. Skin cleansing and emolliating for older people: A quasi-experimental pilot study (2017) International Journal of Older People Nursing, 12 (3), art. no. e12145

Sdobnov, A., Darvin, M.E., Lademann, J., Tuchin, V. A comparative study of ex vivo skin optical clearing using two-photon microscopy (2017) Journal of Biophotonics, 10 (9), pp. 1115-1123

Su, R., Yang, L., Wang, Y., Yu, S., Guo, Y., Deng, J., Zhao, Q., Jin, X. Formulation, development, and optimization of a novel octyldodecanol-based nanoemulsion for transdermal delivery of ceramide IIIB (2017) International Journal of Nanomedicine, 12, pp. 5203-5221.

Letsiou, S., Kallampakou, K., Gardikis, K., Mantecon, L., Infante, C., Chatzikonstantinou, M., Labrou, N.E., Flemetakis, E. Skin protective effects of *Nannochloropsis gaditana* extract on H₂O₂-stressed human dermal fibroblasts (2017) Frontiers in Marine Science, 4 (JUL), art. no. 221

Liu, X., German, G.K. Measuring and modeling contractile drying in human stratum corneum (2017) Journal of Visualized Experiments, 2017 (121), art. no. e55336

Richters, R.J.H., Falcone, D., Uzunbajakava, N.E., Varghese, B., Caspers, P.J., Puppels, G.J., Van Erp, P.E.J., Van De Kerkhof, P.C.M. Sensitive Skin: Assessment of the Skin Barrier Using Confocal Raman Microspectroscopy (2017) Skin Pharmacology and Physiology, 30 (1), pp. 1-12

Stettler, H., Kurka, P., Lunau, N., Manger, C., Böhling, A., Bielfeldt, S., Wilhelm, K.-P., Dähnhardt-Pfeiffer, S., Dähnhardt, D., Brill, F.H.H., Lenz, H. A new topical panthenol-containing emollient: Results from two randomized controlled studies assessing its skin moisturization and barrier restoration potential,

and the effect on skin microflora (2017) Journal of Dermatological Treatment, 28 (2), pp. 173-180

Korponyai, C., Szél, E., Behány, Z., Varga, E., Mohos, G., Dura, Á., Dikstein, S., Kemény, L., Erős, G. Effects of locally applied glycerol and xylitol on the hydration, barrier function and morphological parameters of the skin (2017) Acta Dermato-Venereologica, 97 (2), pp. 182-187

Arezki, N.R., Williams, A.C., Cobb, A.J.A., Brown, M.B. Design, synthesis and characterization of linear unnatural amino acids for skin moisturization (2017) International Journal of Cosmetic Science, 39 (1), pp. 72-82

Wickett, R.R., Damjanovic, B. Quantitation of 24-Hour Moisturization by Electrical Measurements of Skin Hydration (2017) Journal of Wound, Ostomy and Continence Nursing, 44 (5), pp. 487-491

Wang, Y., Zhang, L., Yu, J., Huang, S., Wang, Z., Chun, K.A., Lee, T.L., Chen, Y.-T., Gallo, R.L., Huang, C.-M. A Co-Drug of Butyric Acid Derived from Fermentation Metabolites of the Human Skin Microbiome Stimulates Adipogenic Differentiation of Adipose-Derived Stem Cells: Implications in Tissue Augmentation (2017) Journal of Investigative Dermatology, 137 (1), pp. 46-56

Seleit, I., Bakry, O.A., El Rebey, H.S., El-Akabawy, G., Hamza, G. Is aquaporin-3 a determinant factor of intrinsic and extrinsic aging? An immunohistochemical and morphometric study (2017) Applied Immunohistochemistry and Molecular Morphology, 25 (1), pp. 49-57

Crowther, J.M. Understanding effects of topical ingredients on electrical measurement of skin hydration (2016) International Journal of Cosmetic Science, 38 (6), pp. 589-598

Kemény, L., Nagy, N., Csoma, Z., Szabó, K., Erős, G. Pharmacological targeting of the epidermal barrier (2016) Current Pharmaceutical Design, 22 (35), pp. 5373-5381.

Abdul Karim, A., Azlan, A., Ismail, A., Hashim, P., Abd Gani, S.S., Zainudin, B.H., Abdulla,

N.A. Efficacy of cocoa pod extract as antiwrinkle gel on human skin surface (2016) Journal of Cosmetic Dermatology, 15 (3), pp. 283-295

Liang, Y., Yuan, W., Mavadia-Shukla, J., Li, X. Optical clearing for luminal organ imaging with ultrahigh-resolution optical coherence tomography (2016) Journal of Biomedical Optics, 21 (8), art. no. 081211

) Verallo-Rowell, V.M., Katalbas, S.S., Pangasinan, J.P. Natural (Mineral, Vegetable, Coconut, Essential) Oils and Contact Dermatitis (2016) Current Allergy and Asthma Reports, 16 (7), art. no. 51

Mizuno, M., Kunimoto, K., Naru, E., Kameyama, K., Furukawa, F., Yamamoto, Y. The effects of continuous application of sunscreen on photoaged skin in Japanese elderly people-the relationship with the usage (2016) Clinical, Cosmetic and Investigational Dermatology, 9, pp. 95-105

Jatana, S., Callahan, L.M., Pentland, A.P., DeLouise, L.A. Impact of cosmetic lotions on nanoparticle penetration through ex vivo C57Bl/6 hairless mouse and human skin: A comparison study (2016) Cosmetics, 3 (1), art. no. 6

Szél, E., Polyánka, H., Szabő, K., Hartmann, P., Degovics, D., Balázs, B., Németh, I.B., Korponyai, C., Csányi, E., Kaszaki, J., Dikstein, S., Nagy, K., Kemény, L., Ero's, G. Anti-irritant and anti-inflammatory effects of glycerol and xylitol in sodium lauryl sulphate-induced acute irritation (2015) Journal of the European Academy of Dermatology and Venereology, 29 (12), pp. 2333-2341

Nakata, S., Deguchi, A., Seki, Y., Furuta, M., Fukuhara, K., Nishihara, S., Inoue, K., Kumazawa, N., Mashiko, S., Fujihira, S., Goto, M., Denda, M. Characteristic responses of a phospholipid molecular layer to polyols (2015) Colloids and Surfaces B: Biointerfaces, 136, pp. 594-599

Liu, X., German, G.K. The effects of barrier disruption and moisturization on the dynamic drying mechanics of human stratum corneum (2015) Journal of the Mechanical Behavior of Biomedical Materials, 49, pp. 80-89

Cristaudo, A., Francesconi, L., Ambrifi, M., Frasca, M., Cavallotti, C., Sperduti, E. Efficacy of an emollient dermoprotective cream in the treatment of elderly skin affected by xerosis (2015) Giornale Italiano di Dermatologia e Venereologia, 150 (3), pp. 297-302

Kowalczyk-Quintas, C., Schuepbach-Mallepell, S., Willen, L., Smith, T.K., Huttner, K., Kirby, N., Headon, D.J., Schneider, P. Pharmacological stimulation of Edar signaling in the adult enhances sebaceous gland size and function (2015) Journal of Investigative Dermatology, 135 (2), pp. 359-368

Cochran, S., Anthonavage, M. Fatty acids, fatty alcohols, synthetic esters and glycerin applications in the cosmetic industry (2015) Lipids and Skin Health, pp. 311-319

Roussel, L., Gilbert, E., Pirot, F. Influence of excipients on two elements of the stratum corneum barrier: Intercellular lipids and epidermal tight junctions (2015) Percutaneous Penetration Enhancers Chemical Methods in Penetration Enhancement: Drug Manipulation Strategies and Vehicle Effects, pp. 69-90

Brandt, S., Meckfessel, M. Supportive skin care in older patients (2015) Advances in Geriatric Dermatology, pp. 71-76

Pantelic, I., Lukic, M., Vuleta, G., Savic, S. Towards Alkyl Polyglucoside-stabilized formulations: Influence of some common excipients (2014) Alkyl Polyglucosides: From Natural-Origin Surfactants to Prospective Delivery Systems, pp. 53-72

Björklund, S., Andersson, J.M., Pham, Q.D., Nowacka, A., Topgaard, D., Sparr, E. Stratum corneum molecular mobility in the presence of natural moisturizers (2014) Soft Matter, 10 (25), pp. 4535-4546

Portella, F.F., Santos, P.D., Lima, G.B., Leitune, V.C.B., Petzhold, C.L., Collares, F.M., Samuel, S.M.W. Synthesis and characterization of a glycerol salicylate resin for bioactive root canal sealers (2014) International Endodontic Journal, 47 (4), pp. 339-345

Kuck, M., Alawi, S.A., Meinke, M.C., Fluhr, J.W., Krah, M., Knorr, F., Sterry, W., Lademann, J. In vivo enhancement of imaging depth for optical coherence tomography by eudermic agents on ridged and meshed human skin (2014) *Laser Physics Letters*, 11 (3), art. no. 035602,

Dupont, E., Journet, M., Oula, M.-L., Gomez, J., Léveillé, C., Loing, E., Bilodeau, D. An integral topical gel for cellulite reduction: Results from a double-blind, randomized, placebo-controlled evaluation of efficacy (2014) *Clinical, Cosmetic and Investigational Dermatology*, 7, pp. 73-88

Corazza, M., Minghetti, S., Bianchi, A., Virgili, A., Borghi, A. Barrier creams: Facts and controversies (2014) *Dermatitis*, 25 (6), pp. 327-333

Harding, C.R., Matheson, J.R., Hoptroff, M., Jones, D.A., Luo, Y., Baines, F.L., Luo, S. A high glycerol-containing leave-on scalp care treatment to improve dandruff (2014) *SKINmed*, 12 (3), pp. 155-161

Aydin, G.B., Ergil, J., Polat, R., Sayin, M., Akelma, F.K. Comparison of Siccoral® spray, Stomatovis® gargle, and Strefen® lozenges on postoperative sore throat (2014) *Journal of Anesthesia*, 28 (4), pp. 494-498

El-Chami, C., Haslam, I.S., Steward, M.C., O'Neill, C.A. Role of organic osmolytes in water homoeostasis in skin (2014) *Experimental Dermatology*, 23 (8), pp. 534-537

Lorencini, M., Brohem, C.A., Dieamant, G.C., Zanchin, N.I.T., Maibach, H.I. Active ingredients against human epidermal aging (2014) *Ageing Research Reviews*, 15 (1), pp. 100-115

Vyumuuhore, R., Tfayli, A., Manfait, M., Baillet-Guffroy, A. Vibrational spectroscopy coupled to classical least square analysis, a new approach for determination of skin moisturizing agents' mechanisms (2014) *Skin Research and Technology*, 20 (3), pp. 282-292

Cervellati, F., Muresan, X.M., Sticozzi, C., Gambari, R., Montagner, G., Forman, H.J., Torricelli, C., Maioli, E., Valacchi, G.

Comparative effects between electronic and cigarette smoke in human keratinocytes and epithelial lung cells (2014) Toxicology in Vitro, 28 (5), pp. 999-1005

Matsunaga, N., Itcho, K., Hamamura, K., Ikeda, E., Ikeyama, H., Furuichi, Y., Watanabe, M., Koyanagi, S., Ohdo, S. 24-hour rhythm of aquaporin-3 function in the epidermis is regulated by molecular clocks (2014) Journal of Investigative Dermatology, 134 (6), pp. 1636-1644.

Suzuki, M., Tanaka, S. Structure and diverse functions of vertebrate aquaporins (2014) Seikagaku, 86 (1), pp. 41-53.

Wang, Y., Dai, A., Huang, S., Kuo, S., Shu, M., Tapia, C.P., Yu, J., Two, A., Zhang, H., Gallo, R.L., Huang, C.-M. Propionic acid and its esterified derivative suppress the growth of methicillin-resistant staphylococcus aureus USA300 (2014) Beneficial Microbes, 5 (2), pp. 161-168

Schario, M., Lünnemann, L., Stroux, A., Reisshauer, A., Zuberbier, T., Blume-Peytavi, U., Garcia Bartels, N. Children with dry skin and atopic predisposition: Daily use of emollients in a participant-blinded, randomized, prospective trial (2014) Skin Pharmacology and Physiology, 27 (4), pp. 208-216

Feingold, K.R., Elias, P.M. Role of lipids in the formation and maintenance of the cutaneous permeability barrier (2014) Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids, 1841 (3), pp. 280-294.

Wang, Y., Kuo, S., Shu, M., Yu, J., Huang, S., Dai, A., Two, A., Gallo, R.L., Huang, C.-M. Staphylococcus epidermidis in the human skin microbiome mediates fermentation to inhibit the growth of Propionibacterium acnes: Implications of probiotics in acne vulgaris (2014) Applied Microbiology and Biotechnology, 98 (1), pp. 411-424

Ng, M.G., De Poot, S., Schmid, K., Cowie, H., Semple, S., Van Tongeren, M. A preliminary comparison of three dermal exposure sampling methods: Rinses, wipes and cotton gloves (2014)

	<p>Environmental Sciences: Processes and Impacts, 16 (1), pp. 141-147</p> <p>Almeida, I.F., Costa, P.C., Fernanda Bahia, M. Optimization of a surfactant-free antioxidant formulation using response surface methodology (2014) Drug Development and Industrial Pharmacy, 40 (1), pp. 120-125</p> <p>Bonatti, C., Chiricozzi, A., Specchio, F., Tamburi, F., Chimenti, S., Nisticò, S. Topical treatment of severe xerosis: Results of an observational study (2013) Journal of Plastic Dermatology, 9 (2), pp. 129-134.</p> <p>Chen, K., Liang, Y., Zhang, Y. Study on reflection of human skin with liquid paraffin as the penetration enhancer by spectroscopy (2013) Journal of Biomedical Optics, 18 (10), art. no. 105001</p> <p>Stamatas, G.N., Morello, A.P., Mays, D.A. Early inflammatory processes in the skin (2013) Current Molecular Medicine, 13 (8), pp. 1250-1269.</p> <p>Vyumuuhore, R., Tfayli, A., Duplan, H., Delalleau, A., Manfait, M., Baillelet-Guffroy, A. Effects of atmospheric relative humidity on Stratum Corneum structure at the molecular level: Ex vivo Raman spectroscopy analysis (2013) Analyst, 138 (14), pp. 4103-4111</p> <p>Smesny, S., Schmelzer, C.E.H., Hinder, A., Köhler, A., Schneider, C., Rudzok, M., Schmidt, U., Milleit, B., Milleit, C., Nenadic, I., Sauer, H., Neubert, R.H.H., Fluhr, J.W. Skin ceramide alterations in first-episode schizophrenia indicate abnormal sphingolipid metabolism (2013) Schizophrenia Bulletin, 39 (4), pp. 933-941</p> <p>Rota, C., Lupi, F., Castriota, M., Frezzolini, A., De Pitá, O. Efficacy and tolerability of an emollient cream (Dexeryl®) in patients with contact dermatitis (2013) Journal of Plastic Dermatology, 9 (1), pp. 41-46</p> <p>Shu, M., Wang, Y., Yu, J., Kuo, S., Coda, A., Jiang, Y., Gallo, R.L., Huang, C.-M. Fermentation of Propionibacterium acnes, a Commensal Bacterium in the Human Skin Microbiome, as Skin Probiotics against Methicillin-Resistant Staphylococcus aureus (2013) PLoS ONE, 8 (2),</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

art. no. e55380

Van Henge, T., Haar, G.T., Kirpensteijn, J. Wound management: A new protocol for dogs and cats (2013) Reconstructive Surgery and Wound Management of the Dog and Cat, pp. 21-48

Roussel, L., Atrux-Tallau, N., Pirot, F. Glycerol as a skin barrier influencing humectant (2012) Treatment of Dry Skin Syndrome: The Art and Science of Moisturizers, 9783642276064, pp. 473-480

Brandner, J.M. The role of tight junctions and aquaporins in skin dryness (2012) Treatment of Dry Skin Syndrome: The Art and Science of Moisturizers, 9783642276064, pp. 215-232

Bouwstra, J.A., Nahmoed, N., Groenink, H.W.W., Ponec, M. Human skin equivalents are an excellent tool to study the effect of moisturizers on the water distribution in the stratum corneum (2012) International Journal of Cosmetic Science, 34 (6), pp. 560-566

Shan, H., Liang, Y., Wang, J., Li, Y. Study on application of optical clearing technique in skin diseases (2012) Journal of Biomedical Optics, 17 (11), art. no. 115003

Evans, R.L., Marriott, R.E., Harker, M. Axillary skin: Biology and care (2012) International Journal of Cosmetic Science, 34 (5), pp. 389-395

Messikh, R. Efficacy and tolerability of the emollient and fluid preparation containing 10%® glycerol starch + neutral Excipial Lipolotion® (2012) Nouvelles Dermatologiques, 31 (7), pp. 372-373

Hamed, S.H., Assakir, I., Almalty, A.-M., Bweir, S. Does massage postapplication improve moisturizer's efficacy? A 2-week regression study (2012) Journal of Cosmetic Dermatology, 11 (3), pp. 239-244

Djokic-Gallagher, J., Rosher, P., Walker, J., Hart, V. Objective and subjective in vivo comparison of two emollient products (2012) Clinical, Cosmetic and Investigational Dermatology, 5, pp. 85-91

Draelos, Z. Aquaporins: An introduction to a key

factor in the mechanism of skin hydration (2012) Journal of Clinical and Aesthetic Dermatology, 5 (7), pp. 53-56.

Schrader, A., Siefken, W., Kueper, T., Breitenbach, U., Gatermann, C., Sperling, G., Biernoth, T., Scherner, C., Stäb, F., Wenck, H., Wittern, K.-P., Blatt, T. Effects of glyceryl glucoside on AQP3 expression, barrier function and hydration of human skin (2012) Skin Pharmacology and Physiology, 25 (4), pp. 192-199

) Sugawara, T., Kikuchi, K., Tagami, H., Aiba, S., Sakai, S. Decreased lactate and potassium levels in natural moisturizing factor from the stratum corneum of mild atopic dermatitis patients are involved with the reduced hydration state (2012) Journal of Dermatological Science, 66 (2), pp. 154-159.

Daehnhardt-Pfeiffer, S., Surber, C., Wilhelm, K.-P., Daehnhardt, D., Springmann, G., Boettcher, M., Foelster-Holst, R. Noninvasive stratum corneum sampling and electron microscopical examination of skin barrier integrity: Pilot study with a topical glycerin formulation for atopic dermatitis (2012) Skin Pharmacology and Physiology, 25 (3), pp. 155-161

Seto, J.E., Polat, B.E., Vanveller, B., Lopez, R.F.V., Langer, R., Blankschtein, D. Fluorescent penetration enhancers for transdermal applications (2012) Journal of Controlled Release, 158 (1), pp. 85-92

Choi, Y.H., Nam, T.J. Toxicity of cryoprotectants to gametophytic thalli of red algae Porphyra yezoensis (2012) Fisheries and Aquatic Sciences, 15 (1), pp. 77-81

Khazaka, G. Compliance check with on-site measurements: Advanced ways in product testing (2011) Practical Aspects of Cosmetic Testing: How to Set up a Scientific Study in Skin Physiology, pp. 261-265

Antonov, D., Schliemann, S., Elsner, P. Therapy and rehabilitation of allergic and irritant contact dermatitis (2011) Contact Dermatitis (Fifth Edition), pp. 963-983

Voss, K.E., Bollag, R.J., Fussell, N., By, C., Sheehan, D.J., Bollag, W.B. Abnormal aquaporin-3 protein expression in hyperproliferative skin disorders (2011) Archives of Dermatological Research, 303 (8), pp. 591-600

Wang, J., Liang, Y., Zhang, S., Zhou, Y., Ni, H., Li, Y. Evaluation of optical clearing with the combined liquid paraffin and glycerol mixture (2011) Biomedical Optics Express, 2 (8), pp. 2329-2338

Ansari, S.A. Resident Microflora and Antimicrobial Peptides of Skin (2011) Innate Immune System of Skin and Oral Mucosa: Properties and Impact in Pharmaceutics, Cosmetics, and Personal Care Products, pp. 83-107.

Matsui, T., Miyamoto, K., Kubo, A., Kawasaki, H., Ebihara, T., Hata, K., Tanahashi, S., Ichinose, S., Imoto, I., Inazawa, J., Kudoh, J., Amagai, M. SASPase regulates stratum corneum hydration through profilaggrin-to-filaggrin processing (2011) EMBO Molecular Medicine, 3 (6), pp. 320-333.

Korponyai, C., Kovács, R.K., Erös, G., Dikstein, S., Kemény, L. Antiirritant properties of polyols and amino acids (2011) Dermatitis, 22 (3), pp. 141-146.

Bonté, F. Skin moisturization mechanisms: New data (2011) Annales Pharmaceutiques Francaises, 69 (3), pp. 135-141

Qin, H., Zheng, X., Zhong, X., Shetty, A.K., Elias, P.M., Bollag, W.B. Aquaporin-3 in keratinocytes and skin: Its role and interaction with phospholipase D2 (2011) Archives of Biochemistry and Biophysics, 508 (2), pp. 138-143

Visscher, M.O., Robinson, M., Fugit, B., Rosenberg, R.J., Hoath, S.B., Randall Wickett, R. Amputee skin condition: Occlusion, stratum corneum hydration and free amino acid levels (2011) Archives of Dermatological Research, 303 (2), pp. 117-124.

Tanaka, S., Suzuki, M. Integrative biology of aquaporins in anuran amphibians (2011) Synthetic

and Integrative Biology: Parts and Systems, Design Theory and Applications, pp. 41-60

Ciampi, E., Van Ginkel, M., McDonald, P.J., Pitts, S., Bonnist, E.Y.M., Singleton, S., Williamson, A.-M. Dynamic in vivo mapping of model moisturiser ingress into human skin by GARfield MRI (2011) NMR in Biomedicine, 24 (2), pp. 135-144

Clemmensen, A., Andersen, F., Petersen, T.K., Hagberg, O., Andersen, K.E. Applicability of an exaggerated forearm wash test for efficacy testing of two corticosteroids, tacrolimus and glycerol, in topical formulations against skin irritation induced by two different irritants (2011) Skin Research and Technology, 17 (1), pp. 56-62

Wanitphakdeedecha, R., Eimpunth, S., Manuskiatti, W. The effects of mucopolysaccharide polysulphate on hydration and elasticity of human skin (2011) Dermatology Research and Practice, 2011, art. no. 807906

Atrux-Tallau, N., Romagny, C., Padois, K., Denis, A., Haftek, M., Falson, F., Pirot, F., Maibach, H.I. Effects of glycerol on human skin damaged by acute sodium lauryl sulphate treatment (2010) Archives of Dermatological Research, 302 (6), pp. 435-441.

Weber, T.M., Schoelermann, A.M., Breitenbach, U., Scherdin, U., Kowcz, A. Hand and Foot Moisturizers (2010) Cosmetic Dermatology: Products and Procedures, pp. 130-138

Guo, X.-Q. Aquaglyceroporin3-mediated glycerol transport and skin function (2009) Academic Journal of Second Military Medical University, 30 (12), pp. 1416-1419

Chang, S.H., Jobling, S., Brennan, K., Headon, D.J. Enhanced Edar Signalling Has Pleiotropic Effects on Craniofacial and Cutaneous Glands (2009) PLoS ONE, 4 (10), art. no. e0007591,

Quatresooz, P., Piérard-Franchimont, C., Szepetuk, G., Devillers, C., Piérard, G.E. Fungal chitin-glucan scaffold for managing diabetic xerosis of the feet in menopausal women (2009) Expert Opinion on Pharmacotherapy, 10 (14), pp.

	2221-2229
	<p>Förster, M., Bolzinger, M.-A., Fessi, H., Briançon, S. Topical delivery of cosmetics and drugs. Molecular aspects of percutaneous absorption and delivery (2009) European Journal of Dermatology, 19 (4), pp. 309-323</p> <p>Suzuki, M., Tanaka, S. Molecular and cellular regulation of water homeostasis in anuran amphibians by aquaporins (2009) Comparative Biochemistry and Physiology - A Molecular and Integrative Physiology, 153 (3), pp. 231-241</p>
Fluhr J.W., Darlenski R., Berardesca E. Ethnic groups and sensitive skin: two examples of special populations in dermatology (2008) Drug Discovery Today: Disease Mechanisms, 5 (2) , pp. e249-e263.	<p>Wu, Y., Wangari-Olivero, J., Zhen, Y. Compromised Skin Barrier and Sensitive Skin in Diverse Populations (2021) Journal of Drugs in Dermatology, 20 (4), pp. 17-22</p> <p>Stefaniak, A.B., Wade, E.E., Lawrence, R.B., Arnold, E.D., Virji, M.A. Particle transfer and adherence to human skin compared with cotton glove and pre-moistened polyvinyl alcohol exposure sampling substrates (2021) Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 56 (5), pp. 585-598</p> <p>Misery, L. A history of sensitive skins (2019) Annales de Dermatologie et de Venereologie, 146 (3), pp. 247-251</p> <p>Raj, N., Voegeli, R., Rawlings, A.V., Doppler, S., Imfeld, D., Munday, M.R., Lane, M.E. A fundamental investigation into aspects of the physiology and biochemistry of the stratum corneum in subjects with sensitive skin (2017) International Journal of Cosmetic Science, 39 (1), pp. 2-10</p> <p>Rifkin, R.F., Dayet, L., Queffelec, A., Summers, B., Lategan, M., D'Errico, F. Evaluating the photoprotective effects of ochre on human skin by in vivo SPF assessment: Implications for human evolution, adaptation and dispersal (2015) PLoS ONE, 10 (9), art. no. e0136090</p> <p>Fauger, A., Lhoste, A., Chavagnac-Bonneville, M., Sayag, M., Jourdan, E., Ardiel, N., Perichaud, C., Trompezinski, S., Misery, L. Effects of a new topical combination on sensitive skin (2015)</p>

	<p>Journal of Cosmetic Science, 66 (2), pp. 79-86</p> <p>Hillion, M., Mijouin, L., Jaouen, T., Barreau, M., Meunier, P., Lefevre, L., Lati, E., Chevalier, S., Feuilloley, M.G.J. Comparative study of normal and sensitive skin aerobic bacterial populations (2013) MicrobiologyOpen, 2 (6), pp. 953-961</p> <p>Misery, L. Sensitive skin (2013) Expert Review of Dermatology, 8 (6), pp. 631-637</p> <p>Jones, J. Equality of outcome for people with darker skin (2013) Diversity and Equality in Health and Care, 10 (1), pp. 53-55.</p> <p>Domínguez-Delgado, C.L., Rodríguez-Cruz, I.M., López-Cervantes, M. The skin: A Valuable Route for Administration of Drugs (2010) Current Technologies to Increase the Transdermal Delivery of Drugs, pp. 1-22</p> <p>Du Plessis, J.L., Eloff, F.C., Badenhorst, C.J., Olivier, J., Laubscher, P.J., Van Aarde, M.N., Franken, A. Assessment of dermal exposure and skin condition of workers exposed to nickel at a South African base metal refinery (2010) Annals of Occupational Hygiene, 54 (1), pp. 23-30</p> <p>Grimes, P.E., Thomas, J.A., Murphy, D.K. Safety and effectiveness of hyaluronic acid fillers in skin of color (2009) Journal of Cosmetic Dermatology, 8 (3), pp. 162-168</p>
<p>Fluhr J.W., Darlenski R., Angelova-Fischer I., Tsankov N., Basketter D.</p> <p>Skin irritation and sensitization: Mechanisms and new approaches for risk assessment. 1. Skin irritation</p> <p>(2008) Skin Pharmacology and Physiology, 21 (3), pp. 124-135.</p>	<p>Hammond, M., Gamal, A., Mukherjee, P.K., Damiani, G., McCormick, T.S., Ghannoum, M.A., Nedostro, S. Cutaneous dysbiosis may amplify barrier dysfunction in patients with atopic dermatitis (2022) Frontiers in Microbiology, 13, art. no. 944365</p> <p>Silva, R.J., Tamburic, S. A State-of-the-Art Review on the Alternatives to Animal Testing for the Safety Assessment of Cosmetics (2022) Cosmetics, 9 (5), art. no. 90</p> <p>Deshpande, R., Shukla, S., Kale, A., Deshmukh, N., Nisal, A., Venugopalan, P. Silk Fibroin Microparticle Scaffold for Use in Bone Void Filling: Safety and Efficacy Studies (2022) ACS Biomaterials Science and Engineering, 8 (3), pp. 1226-1238</p>

Rodrigues de Souza, I., Savio de Araujo-Souza, P., Morais Leme, D. Genetic variants affecting chemical mediated skin immunotoxicity (2022) Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 25 (2), pp. 43-95

Chaturvedi, P., Worsley, P.R., Zanelli, G., Kroon, W., Bader, D.L. Quantifying skin sensitivity caused by mechanical insults: A review (2022) Skin Research and Technology, 28 (1), pp. 187-199

Savic, S.M., Cekic, N.D., Savic, S.R., Illic, T.M., Savic, S.D. 'All-natural' anti-wrinkle emulsion serum with *Acmella oleracea* extract: A design of experiments (DoE) formulation approach, rheology and in vivo skin performance/efficacy evaluation (2021) International Journal of Cosmetic Science, 43 (5), pp. 530-546

Mohd Ariffin, N.H., Hasham, R. Assessment of non-invasive techniques and herbal-based products on dermatological physiology and intercellular lipid properties (2020) *Heliyon*, 6 (5), art. no. e03955

Lee, A.-Y. Molecular mechanism of epidermal barrier dysfunction as primary abnormalities (2020) International Journal of Molecular Sciences, 21 (4), art. no. 1194

Kochar, P., Nayak, K., Thakkar, S., Polaka, S., Khunt, D., Misra, M. Exploring the potential of minoxidil tretinoin liposomal based hydrogel for topical delivery in the treatment of androgenic alopecia (2020) Cutaneous and Ocular Toxicology, 39 (1), pp. 43-53

Lynch, H.N., Goodman, J.E. Target sites: skin (2020) Information Resources in Toxicology, Volume 1: Background, Resources, and Tools, pp. 585-588.

Rubins, A., Romanova, A., Septe, M., Maddukuri, S., Schwartz, R.A., Rubins, S. Contact dermatitis: Etiologies of the allergic and irritant type (2020) Acta Dermatovenerologica Alpina, Pannonica et Adriatica, 25 (4), pp. 181-184

Lee, E., Ahn, S., Jin, S.H., Lee, M., Pyo, J.J., Shin, J.C., An, S., Ha, J., Noh, M. CXCL14

downregulation in human keratinocytes is a potential biomarker for a novel in vitro skin sensitization test (2020) Toxicology and Applied Pharmacology, 386, art. no. 114828,

Campos, P.M.B.G.M., Benevenuto, C.G., Calixto, L.S., Melo, M.O., Pereira, K.C., Gaspar, L.R. Spirulina, Palmaria Palmata, Cichorium Intybus, and Medicago Sativa extracts in cosmetic formulations: an integrated approach of in vitro toxicity and in vivo acceptability studies (2019) Cutaneous and Ocular Toxicology, 38 (4), pp. 322-329

Charruyer, A., Silvander, M., Caputo-Janhager, M., Raymond, I., Ghadially, R. Proderm technology: A water- based lipid delivery system for dermatitis that penetrates viable epidermis and has antibacterial effects (2019) BMC Dermatology, 19 (1), art. no. 2

Antonov, D., Schliemann, S., Elsner, P. Contact dermatitis due to irritation (2019) Kanerva's Occupational Dermatology, pp. 119-137

Kezic, S. Genetic identification of individuals with increased risk of developing occupational skin diseases (2019) Kanerva's Occupational Dermatology, pp. 1069-1616.

Berardesca, E., Norma, C. Skin bioengineering (2019) Kanerva's Occupational Dermatology, pp. 1387-1395

Kottner, J., Beeckman, D., Vogt, A., Blume-Peytavi, U. Skin health and integrity (2019) Innovations and Emerging Technologies in Wound Care, pp. 183-196

Park, H., Hwang, J.-H., Han, J.-S., Lee, B.-S., Kim, Y.-B., Joo, K.-M., Choi, M.-S., Cho, S.-A., Kim, B.-H., Lim, K.-M. Skin irritation and sensitization potential of oxidative hair dye substances evaluated with in vitro, in chemico and in silico test methods (2018) Food and Chemical Toxicology, 121, pp. 360-366

Kottner, J., Black, J., Call, E., Gefen, A., Santamaria, N. Microclimate: A critical review in the context of pressure ulcer prevention (2018) Clinical Biomechanics, 59, pp. 62-70

Kim, G.H., Cheong, K.A., Lee, A.-Y. Increased skin irritation by hydroquinone and retinoic acid used in combination (2017) Annals of Dermatology, 29 (6), pp. 715-721.

Falcone, D., Uzunbajakava, N., Richters, R., Van De Kerkhof, P.C.M., Van Erp, P.E.J. Histamine Iontophoresis as in vivo Model to Study Human Skin Inflammation with Minimal Barrier Impairment: Pilot Study Results of Application of the Model to a Sensitive Skin Panel (2017) Skin Pharmacology and Physiology, 30 (5), pp. 246-259

Falcone, D., Spee, P., Salk, K., Peppelman, M., van de Kerkhof, P.C.M., van Erp, P.E.J. Measurement of skin surface biomarkers by Transdermal Analyses Patch following different in vivo models of irritation: a pilot study (2017) Skin Research and Technology, 23 (3), pp. 336-345

Du Plessis, J.L., Stefaniak, A.B. Biometrology guidelines for the in vivo assessment of transepidermal water loss and skin hydration in nonclinical settings (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 933-943

Dickel, H., Goulioumis, A., Gambichler, T., Fluhr, J.W., Kamphowe, J., Altmeyer, P., Kuss, O. Standardized tape stripping: A practical and reproducible protocol to reduce uniformly the stratum corneum (2017) Agache's Measuring the Skin: Non-invasive Investigations, Physiology, Normal Constants: Second Edition, pp. 289-297

Mauro, M., De Giusti, V., Bovenzi, M., Larese Filon, F. Effectiveness of a secondary prevention protocol for occupational contact dermatitis (2017) Journal of the European Academy of Dermatology and Venereology, 31 (4), pp. 656-663

McDonald, I., Rea, H., Steinhoff, M. Sensitive skin and noneczematous dermatoses (2017) Sensitive Skin Syndrome, Second Edition, pp. 136-144.

Alépée, N., Grandidier, M.H., Tornier, C., Cotovio, J. An in vitro skin irritation test using the

skinethic™ reconstructed human epidermal (RHE) model (2017) Alternatives for Dermal Toxicity Testing, pp. 59-72

Verallo-Rowell, V.M., Katalbas, S.S., Pangasinan, J.P. Natural (Mineral, Vegetable, Coconut, Essential) Oils and Contact Dermatitis (2016) Current Allergy and Asthma Reports, 16 (7), art. no. 51

Larese Filon, F., Bello, D., Cherrie, J.W., Sleeuwenhoek, A., Spaan, S., Brouwer, D.H. Occupational dermal exposure to nanoparticles and nano-enabled products: Part I—Factors affecting skin absorption (2016) International Journal of Hygiene and Environmental Health, 219 (6), pp. 536-544

Janoušková, G., Machovcová, A. Contact dermatitis – Part I (2016) Cesko-Slovenska Dermatologie, 91 (3), pp. 102-114

Ho, K.K., Campbell, K.L., Lavergne, S.N. Contact dermatitis: A comparative and translational review of the literature (2015) Veterinary Dermatology, 26 (5), pp. 314-e67

Barcelos, R.C.S., de Mello-Sampayo, C., Antoniazzi, C.T.D., Segat, H.J., Silva, H., Veit, J.C., Piccolo, J., Emanuelli, T., Bürger, M.E., Silva-Lima, B., Rodrigues, L.M. Oral supplementation with fish oil reduces dryness and pruritus in the acetone-induced dry skin rat model (2015) Journal of Dermatological Science, 79 (3), pp. 298-304

Weistenhöfer, W., Wacker, M., Bernet, F., Uter, W., Drexler, H. Occlusive gloves and skin conditions: Is there a problem? Results of a cross-sectional study in a semiconductor company (2015) British Journal of Dermatology, 172 (4), pp. 1058-1065

Cheong, K.A., Kim, H.J., Kim, J.-Y., Kim, C.-H., Lim, W.-S., Noh, M., Lee, A.-Y. Retinoic acid and hydroquinone induce inverse expression patterns on cornified envelope-associated proteins: Implication in skin irritation (2014) Journal of Dermatological Science, 76 (2), pp. 112-119

Marepally, S., Boakye, C.H.A., Patel, A.R., Godugu, C., Doddapaneni, R., Desai, P.R., Singh,

M. Topical administration of dual siRNAs using fusogenic lipid nanoparticles for treating psoriatic-like plaques (2014) *Nanomedicine*, 9 (14), pp. 2157-2174

Choi, Y.Y., Kim, M.H., Lee, J.Y., Hong, J., Kim, S.-H., Yang, W.M. Topical application of Kochia scoparia inhibits the development of contact dermatitis in mice (2014) *Journal of Ethnopharmacology*, 154 (2), pp. 380-385

Corazza, M., Minghetti, S., Bianchi, A., Virgili, A., Borghi, A. Barrier creams: Facts and controversies (2014) *Dermatitis*, 25 (6), pp. 327-333

Morganti, P., Del Ciotto, P., Carezzi, F., Guarneri, F., Yeo, Y.J. Skin lightening efficacy of new formulations enhanced by chitin nanoparticles delivery system. Note I. (2014) *Journal of Applied Cosmetology*, 32 (1), pp. 57-71

Crawford, C., Zirwas, M.J. Laundry detergents and skin irritancy—A comprehensive review (2014) *SKINmed*, 12 (1), pp. 23-31.

Cheong, K.A., Noh, M., Kim, C.-H., Lee, A.-Y. S100B as a potential biomarker for the detection of cytotoxicity of melanocytes (2014) *Experimental Dermatology*, 23 (3), pp. 165-171

Tan, C.-H., Rasool, S., Johnston, G.A. Contact dermatitis: Allergic and irritant (2014) *Clinics in Dermatology*, 32 (1), pp. 116-124

Lee, H.Y., Stieger, M., Yawalkar, N., Kakeda, M. Cytokines and chemokines in irritant contact dermatitis (2013) *Mediators of Inflammation*, 2013, art. no. 916497

Szybiak, J., Wiechuła, D. Skin diseases associated with the cosmetics use (2013) *Przeglad Dermatologiczny*, 100 (6), pp. 392-399

Du Plessis, J., Stefaniak, A., Eloff, F., John, S., Agner, T., Chou, T.-C., Nixon, R., Steiner, M., Franken, A., Kudla, I., Holness, L. International guidelines for the in vivo assessment of skin properties in non-clinical settings: Part 2. transepidermal water loss and skin hydration (2013) *Skin Research and Technology*, 19 (3), pp. 265-278.

Strese, H., Kuck, M., Benken, R., Fluhr, J.W., Schanzer, S., Richter, H., Meinke, M.C., Beuthan, J., Benderoth, C., Frankowski, G., Sterry, W., Lademann, J. Influence of finishing textile materials on the reduction of skin irritations (2013) Skin Research and Technology, 19 (1), pp. e409-e416

Poppe, H., Poppe, L.M., Bröcker, E.-B., Trautmann, A. Do-it-yourself cement work: The main cause of severe irritant contact dermatitis requiring hospitalization (2013) Contact Dermatitis, 68 (2), pp. 111-115

Tisserand, R., Young, R. Essential Oil Safety: A Guide for Health Care Professionals: Second Edition (2013) Essential Oil Safety: A Guide for Health Care Professionals: Second Edition, pp. 1-780

Akomeah, F.K., Nazir, T. Basics of Topical Therapy (2012) Dermatological Treatments, pp. 3-22.

Puri, R., Jain, S. Ethogel topical formulation for increasing the local bioavailability of 5-fluorouracil: A mechanistic study (2012) Anti-Cancer Drugs, 23 (9), pp. 923-934

Gosenca, M., Gašperlin, M., Kristl, J. Irritative contact dermatitis: From mechanisms of irritation to irritants' assessment [Article@Iritativni kontaktni dermatitis: Od mehanizmov do vrednotenja iritantov] (2012) Farmacevtski Vestnik, 63 (3), pp. 145-152

Zhai, H., Meier-Davis, S.R., Cayme, B., Shudo, J., Maibach, H. Irritant contact dermatitis: Effect of age (2012) Cutaneous and Ocular Toxicology, 31 (2), pp. 138-143.

Garcia Bartels, N., Massoudy, L., Scheufele, R., Dietz, E., Proquitté, H., Wauer, R., Bertin, C., Serrano, J., Blume-Peytavi, U. Standardized diaper care regimen: A prospective, randomized pilot study on skin barrier function and epidermal IL-1 α in newborns (2012) Pediatric Dermatology, 29 (3), pp. 270-276

Proksch, E., Brasch, J. Abnormal epidermal barrier in the pathogenesis of contact dermatitis

(2012) Clinics in Dermatology, 30 (3), pp. 335-344

Bouvier D'Yvoire, M., Bremer, S., Casati, S., Ceridono, M., Coecke, S., Corvi, R., Eskes, C., Gribaldo, L., Griesinger, C., Knaut, H., Linge, J.P., Roi, A., Zuang, V. ECVAM and new technologies for toxicity testing (2012) Advances in Experimental Medicine and Biology, 745, pp. 154-180

Sarcon, A., Sivamani, R.K., Zhai, H., Pelosi, A., Berardesca, E., Maibach, H.I. Tests for sensitive skin (2012) Dermatotoxicology, Eighth Edition, pp. 414-481.

Kezic, S. Genetic identification of individuals with increased risk of developing occupational skin diseases (2012) Kanerva's Occupational Dermatology, Second Edition, 2, pp. 1169-1175.

Piérard, G.E., Paquet, P., Preudhomme, L., Noël, F., Quatresooz, P. Skin bioengineering (2012) Kanerva's Occupational Dermatology, Second Edition, 2, pp. 991-1001

Hoffmann, S., Hartung, T., Basketter, D. Toward an evidence-based dermatotoxicology (2012) Dermatotoxicology, Eighth Edition, pp. 21-27.

Antonov, D., Schliemann, S., Elsner, P. Contact dermatitis due to irritation (2012) Kanerva's Occupational Dermatology, Second Edition, 1, pp. 87-101

Proksch, E., Brasch, J. Role of the permeability barrier in contact dermatitis (2011) Contact Dermatitis (Fifth Edition), pp. 121-135

Basketter, D., Kimber, I. Predictive tests for irritants and allergens and their use in quantitative risk assessment (2011) Contact Dermatitis (Fifth Edition), pp. 229-239.

Molin, S., Vollmer, S., Weiss, E.H., Weisenseel, P., Ruzicka, T., Prinz, J.C. Deletion of the late cornified envelope genes LCE3B and LCE3C may promote chronic hand eczema with allergic contact dermatitis (2011) Journal of Investigational Allergology and Clinical Immunology, 21 (6), pp. 472-479

Bonnist, E.Y.M., Gorce, J.-P., MacKay, C., Pendlington, R.U., Pudney, P.D.A. Measuring the penetration of a skin sensitizer and its delivery vehicles simultaneously with confocal raman spectroscopy (2011) Skin Pharmacology and Physiology, 24 (5), pp. 274-283

Meinke, M.C., Haag, S.F., Schanzer, S., Groth, N., Gersonde, I., Lademann, J. Radical protection by sunscreens in the infrared spectral range (2011) Photochemistry and Photobiology, 87 (2), pp. 452-456

Antignac, E., Nohynek, G.J., Re, T., Clouzeau, J., Toutain, H. Safety of botanical ingredients in personal care products/cosmetics (2011) Food and Chemical Toxicology, 49 (2), pp. 324-341

Holst, H., Arendt-Nielsen, L., Mosbech, H., Serup, J., Elberling, J. Capsaicin-induced neurogenic inflammation in the skin in patients with symptoms induced by odorous chemicals (2011) Skin Research and Technology, 17 (1), pp. 82-90

Neukam, K., De Spirt, S., Stahl, W., Bejot, M., Maurette, J.-M., Tronnier, H., Heinrich, U. Supplementation of flaxseed oil diminishes skin sensitivity and improves skin barrier function and condition (2011) Skin Pharmacology and Physiology, 24 (2), pp. 67-74.

Maier, L.E., Maibach, H.I., O'Malley, M. Irritant Dermatitis (2010) Hayes' Handbook of Pesticide Toxicology, pp. 647-659.

Abou-Dakn, M., Fluhr, J.W., Gensch, M., Wöckel, A. Positive effect of HPA lanolin versus expressed breastmilk on painful and damaged nipples during lactation (2010) Skin Pharmacology and Physiology, 24 (1), pp. 27-35

Chomiczewska, D., Kieć-Świerczyńska, M., Krecisz, B. Irritant contact dermatitis. Part iii. Non-invasive methods to assess biophysical properties of the skin (2010) Medycyna Pracy, 61 (4), pp. 457-466.

Czaika, V., Alborova, A., Sterry, W., Lademann, J., Koch, S. Application of laser scan microscopy in vivo for wound healing characterization (2010) Laser Physics Letters, 7 (9), pp. 685-692

Paudel, K.S., Milewski, M., Swadley, C.L., Brogden, N.K., Ghosh, P., Stinchcomb, A.L. Challenges and opportunities in dermal/transdermal delivery (2010) Therapeutic Delivery, 1 (1), pp. 109-131

Dickel, H., Goulioumis, A., Gambichler, T., Fluhr, J.W., Kamphowe, J., Altmeyer, P., Kuss, O. Standardized tape stripping: A practical and reproducible protocol to uniformly reduce the stratum corneum (2010) Skin Pharmacology and Physiology, 23 (5), pp. 259-265

Wet work (2010) Medycyna Pracy, 61 (1), pp. 65-77

Kramer, A., Assadian, O., Below, H., Bender, C., Hammann, A., Hartmann, B., Hübner, N.-O., Koban, I., Kocher, T., Lademann, J., Matthes, R., Weltmann, K.-D. Prospects of plasma medicine: Applications of tissue tolerable plasmas (TTP) (2010) Vakuum in Forschung und Praxis, 22 (2), pp. 33-38

Andreassi, M., Andreassi, L. Advances in the assessment of skin irritants in dermocosmetology (2010) Expert Review of Dermatology, 5 (1), pp. 5-7

Lademann, J., Richter, H., Schanzer, S., Klenk, A., Sterry, W., Patzelt, A. Analysis of the penetration of a caffeine containing shampoo into the hair follicles by in vivo laser scanning microscopy (2010) Laser Physics, 20 (2), pp. 551-556

Küting, B., Uter, W., Baumeister, T., Schaller, B., Weistenhöfer, W., Drexler, H. Non-invasive bioengineering methods in an intervention study in 1020 male metal workers: Results and implications for occupational dermatology (2010) Contact Dermatitis, 62 (5), pp. 272-278.

Mahler, V., Erfurt-Berge, C., Schiemann, S., Michael, S., Egloffstein, A., Kuss, O. Dirt-binding particles consisting of hydrogenated castor oil beads constitute a nonirritating alternative for abrasive cleaning of recalcitrant oily skin contamination in a three-step programme of occupational skin protection (2010) British Journal of Dermatology, 162 (4), pp. 812-818

Ott, H., Baron, J.M., Heise, R., Skazik, C., Merk, H.F. Tacrolimus modulates dendritic cell activation in the sensitization phase of allergic contact dermatitis (2010) Skin Pharmacology and Physiology, 23 (1), pp. 53-59

Irritant contact dermatitis part II. Evaluation evaluation of skin irritation potential of chemicals (2009) Medycyna Pracy, 60 (3), pp. 209-214

Molin, S., Vollmer, S., Weiss, E.H., Ruzicka, T., Prinz, J.C. Filaggrin mutations may confer susceptibility to chronic hand eczema characterized by combined allergic and irritant contact dermatitis (2009) British Journal of Dermatology, 161 (4), pp. 801-807

Nosbaum, A., Vocanson, M., Rozieres, A., Hennino, A., Nicolas, J.-F. Allergic and irritant contact dermatitis (2009) European Journal of Dermatology, 19 (4), pp. 325-332.

Ammer, K. Thermology on the internet- An update (2009) Thermology International, 19 (1), pp. 15-28

Irritant contact dermatitis part I. epidemiology, etiopathogenesis and clinical manifestation (2008) Medycyna Pracy, 59 (5), pp. 409-419

14 декември 2022

Изготвили:

/Ж. Даковска/