

**Списък на научните публикации, представени за участие в конкурс
за заемане на академичната длъжност „Професор“ в област на висше образование
4. Природни науки, математика и информатика, професионално направление 4.3.
Биологически науки, Ботаника, обявен в „Държавен вестник“, бр. 30/15.04.2022 г.**

доц. дн Нели Христова Грозева

**Хабилитационен труд – научни публикации в издания, които са реферирани и
индексирани в световноизвестни бази данни с научна информация (Web of Science и
Scopus) по Показател В**

- 1. Grozeva, N.H., Gerdzhikova M.A., Pavlov, D.H, Panayotova, G.D, Todorova, M.H. (2016). Morphological variability of the Bulgarian endemic *Betonica bulgarica* Degen et Neič. (Lamiaceae) from Sinite Kamani Natural Park, Eastern Balkan Range. Acta Botanica Croatica, 75(1): 81-88. IF – 0.516, SJR – 0.18, Q4.**
- 2. Tzanova, M.T., Grozeva, N.H., Gerdzhikova, M.A., Argirova, M.D, Pavlov, .D.H., Terzieva, S.R. (2018). Flavonoid content and antioxidant activity of *Betonica bulgarica* Degen et Neič. Bulgarian Chemical Communication, 50 (C): 90-97 SJR – 0.137, Q4.**
- 3. Dinev, T.G., Rusenova, N.V., Tzanova, M.T., Grozeva, N.H., Gerdzhikova, M.A., Stoyanov, P.S., Mladenova, T.R., Beev, G.G. (2020). Antimicrobial potential of methanolic extracts from *Betonica bulgarica* Degen et Neič. (Lamiaceae). Ecologia balcanica, 12 (2): 165-174, SJR – 0.144, Q4.**
- 4. Gerdzhikova, M., Pavlov, D., Grozeva, N., Mladenova, Tsv., Krastanov J., Angelova, T. (2020). Chemical composition, mineral content, in vitro gas production and relative feed value of *Betonica bulgarica* Degen et Neič. Bulgarian Journal of Agricultural Science, 26, pp. 48–57, SJR – 0.248, Q3.**
- 5. Grozeva, N, Pavlov, D, Petkova, N, Ivanov, I, Denev, P, Pavlov, A, Gerdzhikova, M, Dimanova-Rudolf, M. (2015). Characterisation of extracts from *Stevia rebaudiana* Bertoni leaves. International Journal of Pharmacognosy and Phytochemical Research; 7(6): 1236-1243. SJR – 0.157, Q4.**
- 6. Gerdzhikova, M., Pavlov, D., Grozeva, N., Tzanova, M., Dimanov, D., Terzieva, S., Krastanov, J. (2018). Chemical composition, mineral content, “in vitro” gas production and relative feed value of *Stevia rebaudiana* Bertoni. Bulgarian Journal of Agricultural science, 24: 40-46, SJR - 0.261, Q3.**
- 7. Dinev, T., Tzanova M., Rusenova N., Grozeva N., Gerdzhikova M., Beev G. (2021). Antimicrobial and antioxidant potential of methanolic extracts from different parts of *Stevia rebaudiana* Bertoni cultivated in Bulgaria. Sains Malaysiana, 50(9)(2021): 2641-2651 IF 1.009, SJR – 0.263, Q2.**
- 8. Grozeva, NH., Gerdzhikova, MA., M. T. Tzanova. (2020). Chemical composition, antioxidant activity and total phenol content of six vascular medicinal plants. Bulgarian Chemical Communications, 52, 161-167. SJR – 0.179, Q4.**

9. Tzanova M.T., Gerdzhikova M.A., **Grozeva N.H.**, Terzieva S.R. (2019). Antioxidant activity and total phenolic content of five *Salvia* species from Bulgaria. Bulgarian Chemical Communication, 51 (A), 90 - 94, **SJR – 0.142, Q4**.
10. Gerdzhikova, M.A., **Grozeva, N.H.**, Tzanova, M.T., Terzieva, S.R. (2020). Determination of total phenol content and antioxidant activity of five medicinal plants growing in Bulgaria. Bulgarian Chemical Communications, 52, 155-160. **SJR – 0.179, Q4**.

Участия в научни форуми, индексирани в Web of Science по показател В

11. Panayotova, G., **Grozeva, N.**, Todorova, M., Gerdzhikova, M. (2015). Seed germination of *Betonica bulgarica* Deg. et Neic under the influence of different treatments and seed quality. Scientific Papers. Series A. Agronomy, Vol. LVIII, 2015: 284-290.

12. **Grozeva, N.**, Panayotova, G., Gerdzhikova, M., Todorova, M. (2020). Possibilities for ex situ conservation of bulgarian endemic *Betonica bulgarica* Degen. & Neič. Scientific Papers. Series B, Horticulture. Vol. LXIV, No. 1, 2020 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653, 578-584.

Научни публикация в издания, които са реферираны и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилитационния труд по показател Г

13. Tzanova, M., **Grozeva, N.**, Gerdzhikova, M., Atanasov, V., Terzieva, S., Prodanova, R. (2018). Biochemical composition of essential oil of Corsican *Helichrysum italicum* (Roth) G. Don, introduced and cultivated in South Bulgaria. Bulgarian Journal of Agricultural Science, 24 (6). 1071-1077, **SJR - 0.261, Q3**.

14. **Grozeva, N.**, Todorova, M., Pavlov, D. (2019). Karyological and morphological variation within *Petrosimonia brachiata* Bunge in Bulgaria. Botanica serbica, 43 (1): 13-21, **IF – 0.460, SJR – 0.213, Q3**.

15. Georgieva, S., Gencheva, D., Popov, B., **Grozeva, N.**, Zhelyazkova, M. (2019). Radioprotective action of resurrection plant *Haberlea rhodopensis* Friv. (Gesneriaceae) and role of flavonoids and phenolic acids. Bulgarian Journal of Agricultural Sciences, 25(6): 158-168, **SJR – 0.191, Q3**.

16. Petkova, N., Bileva, T., Valcheva, E., Dobrevska, G., **Grozeva, N.**, Todorova, M., Popov, V. (2019). Bioactive compounds and antioxidant activity in apple fruits cultivar Florina, Bulgarian Journal of Agricultural Sciences. 25(6): 13-18, **SJR – 0.191, Q3**.

17. Zhelyazkova, M., Georgieva, S., **Grozeva, N.** (2019). Study of population variability of the endemic species *Moehringia grisebachii* Janka (Caryophyllaceae) in Bulgaria. Bulgarian Journal of Agricultural Sciences, 25(6): 169-177, **SJR – 0.191, Q3**.

18. **Grozeva, N.**, Atanassova, S. (2019). Karyology of *Chenopodiastrum* S. Fuentes et al. (Amaranthaceae) from Bulgaria. Bulgarian Journal of Agricultural Sciences, 25(6): 131-135, **SJR – 0.191, Q3**.

19. **Grozeva, N.**, Atanassova, S., Terzieva, S. (2019). Karyological study of genus *Oxybasis* Kar.

- & Kir. in Bulgaria. Bulgarian Journal of Agricultural Sciences, 25(6): 124-130, **SJR – 0.191, Q3.**
- 20.** Terzieva, S., Velichkova, K., **Grozeva, N.**, Valcheva, N., Dinev, T. (2019). Antimicrobial activity of *Amaranthus* spp. extracts against some mycotoxicogenic fungi. Bulgarian Journal of Agricultural Sciences, 25(6): 120-123, **SJR – 0.191, Q3.**
- 21.** Terzieva, S.R., **Grozeva, N.H.**, Velichkova, K. N. (2019). Morphological studies on three *Amaranthus* species. Bulgarian Journal of Agricultural Sciences, 25(6): 136-140, **SJR – 0.191, Q3.**
- 22.** Zhelyazkova, M., Georgieva, S., Kostova, M., Gencheva, D., **Grozeva, N.** (2019). Preliminary study on genetic diversity in *Moehringia jankae* Griseb. ex Janka based on inter-simple sequence repeat (ISSR) markers. Bulgarian Journal of Agricultural Sciences, 25(6): 148-157, **SJR – 0.191, Q3.**
- 23.** Tzanova, M., Atanasov, V., Ivanov, M., Iliev, A., Atanassova, S., Peeva, P., **Grozeva, N.**, Gerdzhikova, M., Dinev, T. (2019). Antioxidant constituents and antioxidant activity of some red wine and red table grape varieties, cultivated in different regions of Bulgaria. Bulgarian Journal of Agricultural Sciences, 25(6): 3-12, **SJR – 0.191, Q3.**
- 24.** **Grozeva, N.**, Zhelyazkova, M., Gerdzhikova, M., Tzanova, M., Pavlov, D., Georgieva, S., Georgiev, D. (2020). Morphological and karyological variability of the Balkan endemics *Moehringia jankae* Griseb. ex Janka and *Moehringia grisebachii* Janka (Caryophyllaceae) from Eastern Balkan Range (Bulgaria). Bulgarian journal of agricultural science, 26:30-47, **SJR – 0.248, Q3.**
- 25.** Tzanova, M., Atanassova, S., Atanasov, V., **Grozeva, N.** (2020). Content of polyphenolic compounds and antioxidant potential of some bulgarian red grape varieties and red wines, determined by HPLC, UV, and NIR spectroscopy. Agriculture (Switzerland), 10(6), pp. 1-14, **IF – 2.925, SJR – 0.533, Q1.**
- 26.** Zhelyazkova, M., **Grozeva, N.**, Georgieva, S. (2020). Karyotype studies of endemic species *Moehringia grisebachii* (Caryophyllaceae) from Sredna gora mts, Bulgaria. Bulgarian Journal of Agricultural Science, 26(1): 202-206, **SJR – 0.248, Q3.**
- 27.** Zhelyazkova, M., **Grozeva, N.**, Georgieva, S. (2020). Karyological study of Balkan endemics *Moehringia jankae* Griseb, and *Moehringia grisebachii* Janka (Caryophyllaceae) in Bulgaria. Bulgarian Journal of Agricultural Science, 26: 58-71, **SJR – 0.248, Q3.**
- 28.** Gerdzhikova, M., Todorova, M., **Grozeva, N.**, Dobreva, A., Petkova, N. (2022). Chemical composition, *in vitro* gas production and relative feed value of rose flower wastes (*Rosa damascena* Mill.) from conventional and organic production. Bulgarian Journal of Agricultural Science, 28 (No 2) 2022, 291-298, **SJR – 0.25, Q3.**
- 29.** **Grozeva, N.**, Atanassova, S. (2022). Karyological and morphological variability of *Suaeda salsa* (L.) Pall. in Bulgaria. Bulgarian Journal of Agricultural science, 28(2), 305-313, **SJR – 0.25, Q3.**
- 30.** Todorova, M., Dobreva, A., Petkova, N., **Grozeva, N.**, Gerdzhikova, M., Veleva, P. (2022). Organic vs conventional farming of oil-bearing rose: Effect on essential oil and antioxidant

activity. In: Chankova S, Peneva V, Metcheva R, Beltcheva M, Vassilev K, Radeva G, Danova K (Eds) Current trends of ecology. BioRisk 17: 271-285, **SJR – 0.167, Q4**.

Участие в научни форуми, индексирани в Web of Science и Scopus по показател Г

- 31.** Zhelyazkova, M., Georgieva, S., **Grozeva, N.** (2021). Genetic diversity of the balkan endemics *Moehringia jankae* Griseb. ex Janka and *Moehringia grisebachii* Janka (Caryophyllaceae) from Bulgaria using ISSR markers. Ecologia balcanica, Special Edition 4: 191-206.
- 32.** Petkova, N. Tr., Kuzmanova, S., Bileva, T, Valcheva, Ek., Dobrevska, G., **Grozeva, N.**, Popov, V. (2021). Influence of conventional and organic agriculture practices on the total phenols and antioxidant potential of Florina apple fruits. IOP Conf. Series: Materials Science and Engineering 1031 012088 IOP Publishing doi:10.1088/1757-899X/1031/1/012088 - **SJR - 0.198 (2019)**.
- 33.** Todorova, M., Petkova, N., **Grozeva, N.**, Gerdzhikova, M., Lazarova, S., Lozanova, L., Mladenov, A. (2020). NDVI, chlorophyll and carotenoids content of leaves of *Rosa damascena* Mill under organic and conventional farming. IOP Conference Series: Materials Science and Engineering, 2021, 1031(1), 012013, **SJR - 0.198 (2019)**.
- 34.** Todorova, M., **Grozeva, N.**, Gerdzhikova, M., Dobreva, A., Terzieva, S. (2020). Productivity of oil-bearing roses under organic and conventional systems. Scientific Papers. Series A. Agronomy, Vol. LXIII, No. 1, 2020, ISSN 2285-5785; ISSN CD-ROM 2285-5793; ISSN Online 2285-5807; ISSN-L 2285-5785, 580-585.
- 35.** Petkova, N., Todorova, M., **Grozeva, N.**, Gerdzhikova, M. (2020). Phenolic content and antioxidant activity of water extracts from *Rosa damascena* petals grown in Kazanlak Valley, Bulgaria. Scientific Papers. Series B, Horticulture. Vol. LXIV, No. 1, 2020 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653.
- 36.** Petkova N., M. Ognyanov, S. Kuzmanova, T. Bileva, E. Valcheva, G. Dobrevska, **N. Grozeva**, 2020. Carbohydrate content of “Florina” apples grown under organic and conventional farming systems, Proceedings of the 16th International Conference on Polysaccharides-Glycoscience Prague 4th - 6th November 2020, ISBN 978-80-88307-05-1 ISSN 2336-6796, 98-101.
- 37.** Todorova, M., **Grozeva, N.**, Takuchev, N.P., Ivanova, D., Kuzmova, K., Kazandjiev, V., Georgieva, V., Velichkova, R., Boneva, V. (2021). Vegetation in Bulgaria according to data from satellite observations and NASA models. IOP Conference Series: Materials Science and Engineering , 2021, 1031(1), 012083, **SJR - 0.198 (2019)**.

Изготвил:

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