

Списък на НАУЧНИТЕ ПУБЛИКАЦИИ на д-р Веселина Василева Узунова, дм

съгласно Приложение 8. 1.

(Минимални национални и допълнителни изисквания към научната и преподавателската дейност на кандидатите за придобиване на научна степен и за заемане на академичните длъжности "главен асистент", "доцент" и "професор" по научни области и/или професионални направления)

Група "В" - научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)

B1 (CV3) V. V. Uzunova, A. N. Tolekova, G. S. Ilieva, K. I. Trifonova and A. P. Logofetov Renin-angiotensin system & lipid peroxidation, Bulg. J. Veter. Medicine 8, 69 (2005)

B2 (CV4) A. Tolekova, B. Popov and V. V. Uzunova, Schematic illustration of the regulatory mechanisms of renin and insulin secretion and the homeostasis, Bulg. Med. 13, 27 (2005)

B3 (CV5) B. Popov, V. Gadjeva, P. Valkanov, A. Tolekova and V. V. Uzunova, Superoxide dismutase and catalase activities in gliomas, Bulg. Med. 13, 14 (2006)

B4 (CV6) A. Zheleva, A. Tolekova, M. Zhelev, V. V. Uzunova, M. Platikanova and V. Gadzheva, Free radical reactions might contribute to severe alpha amanitin hepatotoxicity – A hypothesis, Med. Hypotheses 69, 361 (2007)

B5 (CV8) W.-C. Pan, V. V. Uzunova and P. G. Vekilov, Free heme in micromolar amounts enhances the attraction between sickle cell hemoglobin molecules, Biopolymers 91, 1108 (2009)

B6 (CV9) Y. Qutub, V. V. Uzunova, O. Galkin and P. G. Vekilov, Interactions of hemin with model erythrocyte membranes, J. Phys. Chem. B 114, 4529 (2010)

B7 (CV21) V. V. Uzunova, A. Todev, J. Zarkos, D. Addai, J. Ananiev, P. Rashev, R. Alexandrova and A. Tolekova, Strengthening CoViD-19 therapy via combinations of RAS modulators, Med. Hypotheses 150, 110571 (2021)

Група "Г" - научни публикации в издания, които са реферирани и индексирани световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилитационния труд

G1 (CV7) W.-C. Pan, L. Filobelo, N. D. Q. Pham, O. Galkin, V. V. Uzunova and P. G. Vekilov, Viscoelasticity in homogeneous protein solutions, Phys. Rev. Lett. 102, 058101 (2009)

G2 (CV12) A. Czogalla, E. P. Petrov, D. J. Kauert, V. V. Uzunova, Y. Zhang, R. Seidel and P. Schuille, Switchable domain partitioning and diffusion of DNA origami rods on membranes, Faraday Discuss. 161, 31 (2013)

G3 (CV13) W. Lin, F. V. Reddavid, V. V. Uzunova, F. N. Gür and Y. Zhang, Characterization of DNA-Conjugated Compounds Using a Regenerable Chip, Anal. Chem. 87, 848 (2015)

- Γ4** (CV14) A. Czogalla, D. J. Kauert, H. G. Franquelim, V. V. Uzunova, Y. Zhang, R. Seidel, P. Schwille, Amphiphathic DNA origami nanoparticles can scaffold and deform lipid membrane vesicles, *Angew. Chem. Int. Edit.* 54, 6501 (2015)
- Γ5** (CV16) C. Lavilla, G. Yilmaz, V. Uzunova, R. Napier, C. R. Becer, A. Heise, Block-Sequence-Specific Glycopolypeptides with Selective Lectin Binding Properties, *Biomacromolecules* 18, 1928 (2017)
- Γ6** (CV17) G. Yilmaz, V. Uzunova, M. Hartweg, V. Beyer, R. Napier and C. Remzi Becer, The effect of linker length on ConA and DC-SIGN binding of S-glucosyl functionalized poly(2-oxazoline)s, *Polymer Chemistry* 9, 611 (2018)
- Γ7** (CV18) M. Riemer, V. Uzunova, N. Riemer, G. J. Clarkson, N. Pereira, R. Napier and M. Shipman, Phyllostictine A: total synthesis, structural verification and determination of substructure responsible for plant growth inhibition, *Chem. Commun.* 54, 7211 (2018)
- Γ8** (CV23) I. El Houari, P. Klíma, A. Baekelandt, P. Staswick, V. Uzunova, C. I. del Genio, W. Steenackers, P. Dobrev, R. Filepova, O. Novák, R. Napier, J. Petracšek, D. Inzé, W. Boerjan and B. Vanholme, Non-specific effects of the cinnamate-4-hydroxylase inhibitor piperonylic acid on auxin homeostasis, *Plant J.* 115, 470 (2023)