СПИСЪК НА ЦИТИРАНИЯТА

на гл. ас. д-р Боряна Здравкова Сиджимова

във връзка с участието в конкурс за заемане на академичната длъжност „Доцент“ по професионално направление 4.3. Биологически науки, научна специалност „Ботаника“, за нуждите на изследователска група „Ресурсна оценка и мониторинг на редки лечебни и ароматни растения“, секция „Приложна ботаника“ на отдел „Растително и гъбно разнообразие и ресурси“ към ИБЕИ-БАН

- Цитати в списания с IF/SJR – **42 бр. (84 точки)**

Група показа-тели	**Публикации**	**Брой точки**
Д	**11. Цитирания в научни издания, монографии, колективни томове и патенти, реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)** https://www.scopus.com/authid/detail.uri?authorId=6504326625 https://www.webofscience.com/wos/author/record/AAE-3556-2019	
	Berkov, S., Bastida, J., **Sidjimova, B.,** Viladomat, F., Codina, C. 2008. Phytochemical differentiation of *Galanthus nivalis* and *Galanthus elwesii* (Amaryllidaceae): A case study. Biochem. Syst. Ecol. 36 (8): 638-645. ISSN:0305-1978, https://doi.org/10.1016/j.bse.2008.04.002 [IF=1.136, $Q3_{(WoS/SCIMAGO)}$; SJR=0.488] *Цитира се в:*	
1	Cahlíková, L., Benešová, N., Macáková, K., Kučerac, R., Hrstka, V., Klimeš, J., Jahodář, L., Opletal, L.2012. Alkaloids from some Amaryllidaceae species and their cholinesterase activity. *Natural product communications* 7(5):571-574. https://doi.org/10.1177/1934578X1200700506 [**IF** 0.956; **SJR** 0.449]	2
2	Sanaa, A., Boulila, A., Bejaoui, A., Boussaid, M., Fadhel, N. B. 2012. Variation of the chemical composition of floral volatiles in the endangered Tunisian *Pancratium maritimum* L. populations (Amaryllidaceae). *Industrial Crops and Products* 40:312-317.	2

	https://doi.org/10.1016/j.indcrop.2012.03.028 [**IF** 2.468; **SJR** 0.98]	
3	Liao, N., Ao, M., Zhang, P., Yu, L. 2012. Extracts of *Lycoris aurea* induce apoptosis in murine sarcoma S180 cells. *Molecules* 17(4): 3723-3735. https://doi.org/10.3390/molecules17043723 [**IF** 2.428; **SJR** 0.792]	2
4	Diamond, A., Desgagné-Penix, I. 2016. Metabolic engineering for the production of plant isoquinoline alkaloids. *Plant biotechnology journal* 14(6): 1319-1328. https://doi.org/10.1111/pbi.12494 [**IF** 7.443; **SJR** 2.813]	2
5	Babashpour-Asl, M., Zakizadeh, H., Nazemiyeh, H., Motallebi-Azar, A. 2016. In vitro micropropagation and alkaloid production of *Galanthus transcaucasicus* Fomin. *Pharmaceutical Sciences* 22(4): 267-271. https://doi.org/10.15171/PS.2016.41 [**SJR** 0.293]	2
6	Jovanović, F., Obratov-Petković, D., Niketić, M., & Vukojičić, S. 2016. Distribution of the genus *Galanthus* L. (Amaryllidaceae) in Serbia. *Botanica Serbica* 40(1):69-81. https://doi.org/10.5281/zenodo.48864 [**SJR** 0.265]	2
7	Kaya, G.I., Uzun, K., Bozkurt, B., Onur, M.A., Somer, N.U., Glatzel, D.K., Fürst, R. 2017. Chemical characterization and biological activity of an endemic Amaryllidaceae species *Galanthus cilicicus*. *South African Journal of Botany* 108:256-260. https://doi.org/10.1016/j.sajb.2016.11.008 [**IF** 1.442; **SJR**=0.45]	2
8	Ma, X., Gao, N., Banwell, M.G., Carr, P.D., Willis, A.C. 2017. A total synthesis of (±)-3-O-demethylmacronine through rearrangement of a precursor embodying the haemanthidine alkaloid framework. *J. Org. Chem.* 82(8):4336-4341. https://doi.org/10.1021/acs.joc.7b00340 [**IF** 4.805; **SJR** 1.846]	2
9	Cortes, N., Castañeda, C., Osorio, E.H., Cardona-Gomez, G.P., Osorio, E. 2018. Amaryllidaceae alkaloids as agents with protective effects against oxidative neural cell injury. *Life Sci.* 203:54-65. https://doi.org/10.1016/j.lfs.2018.04.026 [**IF** 3.448; **SJR** 1.017]	2
10	Cortes, N., Sierra, K., Alzate, F., Osorio, E.H., Osorio, E. 2018. Alkaloids of Amaryllidaceae as inhibitors of cholinesterases (AChEs and BChEs): An integrated bio-guided study. *Phytochemical Analysis* 29(2):217-229. https://doi.org/10.1002/pca.2736 [**IF** 1.963; **SJR** 0.553]	2
11	Lizama-Bizama, I., Pérez, C., Baeza, C.M., Uriarte, E., Becerra, J. 2018. Alkaloids from Chilean species of the genus *Rhodophiala* C. Presl (Amaryllidaceae) and their chemotaxonomic importance. *Gayana Bot.* 75(1): 459-465. https://doi.org/10.4067/S0717-66432018000100459 [**IF** 0.382; **SJR** 0.291]	2
12	Shammari, L.A, Mamun, A.A., Koutová, D., Majorošová, M., Hulcová, D.,	2

	Šafratová, M., Breiterová, K., Maříková, J., Havelek,R., Cahlíková, L. 2020. Alkaloid profiling of *Hippeastrum* cultivars by GC-MS, isolation of Amaryllidaceae alkaloids and evaluation of their cytotoxicity. *Rec. Nat. Prod.* 14:2:154-159. http://doi.org/10.25135/rnp.147.19.06.1302 [**IF** 0.44; **SJR** 0.43]	
13	Cortes, N., Sabogal-Guaqueta, A.M., Cardona-Gomez, G.P., Osorio, E. 2019. Neuroprotection and improvement of the histopathological and behavioral impairments in a murine Alzheimer's model treated with *Zephyranthes carinata* alkaloids. *Biomedicine & Pharmacotherapy* 110:482-492. https://doi.org/0.1016/j.biopha.2018.12.013 [**IF** 4.545; **SJR** 1.05]	2
14	Hashani, Z., Maxhuni, Q., Ferizi, R., Abdurrahmani, A., Mala, X. 2019. *Galanthus elwesii* Hook (Amaryllidaceae) in the flora of Kosovo. *Hacquetia* 18(1):137-142. https://10.2478/hacq-2018-0012 [**SJR** 0.299]	2
15	Petruczynik, A., Plech, T., Tuzimski, T., Misiurek, J., Kaproń, B., Misiurek, D., Szultka-Młyńska, M., Buszewski, B., Waksmundzka-Hajnos, M. 2019. Determination of selected isoquinoline alkaloids from *Mahonia aquifolia; Meconopsis cambrica; Corydalis lutea; Dicentra spectabilis; Fumaria officinalis; Macleaya cordata* extracts by HPLC-DAD and comparison of their cytotoxic activity. *Toxins* 11(10):575. https://doi.org/10.3390/toxins11100575 [**IF** 3.531; **SJR** 1.034]	2
16	Breiterová, K., Koutová, D., Maříková, J., Havelek, R., Kuneš, J., Majorošová, M., Opletal, L., Hošťálková, A., Jenčo, J., Řezáčová, M., Cahlíková, L. 2020. Amaryllidaceae alkaloids of different structural types from *Narcissus* L. cv. *Professor Einstein* and their cytotoxic activity. *Plants* 9(2):137. https://doi.org/10.3390/plants9020137 [**IF**=3.935; **SJR** 0.892]	2
17	Ahmet, E., Ceren, E., Bozkurt, B., Somer, N. Ü. 2020. GC/MS analysis of alkaloids in *Galanthus fosteri* Baker and determination of its anticholinesterase activity. *Turkish Journal of Pharmaceutical Sciences*, 17(1):36. https://doi.org/10.4274/tjps.galenos.2018.26056 [**SJR** 0.241]	2
18	Petruczynik, A., Wróblewski, K., Misiurek, J., Plech, T., Szalast, K., Wojtanowski, K., Mroczek, T., Szymczak, G., Waksmundzka-Hajnos, M., Tutka, P. 2020. Determination of Cytisine and N-Methylcytisine from selected plant extracts by High-Performance Liquid Chromatography and comparison of their cytotoxic activity. *Toxins* 12(9):557. https://doi.org/10.3390/toxins12090557 [**IF** 4.546; **SJR** 1.047]	2
19	Sharma, B., Yadav, D.K. 2022. Metabolomics and network pharmacology in the exploration of the multi-targeted therapeutic approach of traditional medicinal plants. *Plants* 11(23):3243. https://doi.org/10.3390/plants11233243 [**IF**4.5; **SJR** 0.79]	2
20	Ay, E.B., Açıkgöz, M.A., Kocaman, B., Güler, S.K. 2023. Effect of jasmonic and salicylic acids foliar spray on the galanthamine and lycorine content and biological characteristics in *Galanthus elwesii* Hook. *Phytochemistry Letters* 57:140-150. https://doi.org/10.1016/j.phytol.2023.08.010 [**IF** 1.7; **SJR** 0.316]	2

21	Ay, E.B., Açıkgöz, M.A., Kocaman, B., Mesci, S., Kocaman, B., Yıldırım, T. 2023. Zinc and phosphorus fertilization in *Galanthus elwesii* Hook: Changes in the total alkaloid, flavonoid, and phenolic content, and evaluation of anti-cancer, anti-microbial, and antioxidant activities. *Scientia Horticulturae* 317:112034 https://doi.org/10.1016/j.scienta.2023.112034 [**IF** 4.3$_{(за\ 2022)}$; **SJR**$_{(2023)}$=0.833]	2
22	Kırgeç, Y., Batı-Ay, E., Açıkgöz, M.A. 2023. The effects of foliar salicylic acid and zinc treatments on proline, carotenoid, and chlorophyll content and anti-oxidant enzyme activity in *Galanthus elwesii* Hook. *Horticulturae* 9(9):1041 https://doi.org/10.3390/horticulturae9091041 [**IF**=3.1$_{(за\ 2022)}$; **SJR**$_{(2023)}$ 0.552]	2
23	Misiurek J, Plech T, Kaproń B, Makuch-Kocka A, Szultka-Młyńska M, Buszewski B, Petruczynik A. 2023. Determination of some isoquinoline alkaloids in extracts obtained from selected plants of the *Ranunculaceae, Papaveraceae* and *Fumarioideae* families by liquid chromatography and in vitro and in vivo investigations of their cytotoxic activity. *Molecules* 28(8):3503. https://doi.org/10.3390/molecules28083503 [**IF** 0.66 $_{(за\ 2022)}$; **SJR** 0.744]	2
24	Tuzimski, T., Petruczynik, A., Plech, T., Kaproń, B., Makuch-Kocka, A., Szultka-Młyńska, M., Misiurek, J., Buszewski, B., Waksmundzka-Hajnos, M. 2023. Determination of selected isoquinoline alkaloids from *Chelidonium majus*, *Mahonia aquifolium* and *Sanguinaria canadensis* extracts by Liquid Chromatography and their in vitro and in vivo cytotoxic activity against human cancer cells. *International Journal of Molecular Sciences*. 24(7):6360. https://doi.org/10.3390/ijms24076360 [**IF** 0.71$_{(за\ 2022)}$; **SJR** 1.179]	2
	Berkov S., Bastida J., **Sidjimova B.,** Viladomat F., Codina, C. 2011. Alkaloid diversity in *Galanthus elwesii* and *Galanthus nivalis*. Chemistry & Biodiversity 8 (1) 115-130. ISSN: 1612-1872, e-ISSN: 1612-1880, https://doi.org/10.1002/cbdv.200900380 [**IF**=1.804, **Q2**$_{(WoS/SCIMAGO)}$, **SJR**=0.62] *Цитира се в:*	
25	Ma, X., Gao, N., Banwell, M.G., Carr, P.D., & Willis, A.C. 2017. A total synthesis of (±)-3-O-demethylmacronine through rearrangement of a precursor embodying the haemanthidine alkaloid framework. *Journal of Organic Chemistry* 82(8):4336-4341. https://doi.org/10.1021/acs.joc.7b00340 [**IF** 1.59; **SJR** 1.846]	2
26	Pellegrino, S., Meyer, M., Zorbas, C., Bouchta, S.A., Saraf, K., Pelly, S.C., Yusupova, G., Evidente, A., Mathieu, V., Kornienko, A., Lafontaine, D.L.J., Yusupov, M. 2018. The Amaryllidaceae alkaloid Haemanthamine binds the eukaryotic ribosome to repress cancer cell growth. *Structure*. 26(3):416-425.e4. https://doi.org/10.1016/j.str.2018.01.009 [**IF** 4.576; **SJR** 3.574]	2
27	Allahverdiyeva, S., Keskin, E., Pınar, P.T., Yardım, Y., Şentürk, Z. 2019.	2

	First electroanalytical methodology for the determination of hordenine in dietary supplements using a boron-doped diamond electrode. *Electroanalysis* 31(11):2283-2289.https://doi.org/10.1002/elan.201900365 [**IF** 2.691; **SJR** 0.651]	
28	Emir, A., Emir, C., Bozkurt, B., Ünver, S.N. 2020. GC/MS analysis of alkaloids in *Galanthus fosteri* Baker and determination of its anticholinesterase activity. *Turk. J Pharm Sci*. 17(1):36-42. https://doi.org/doi:10.4274/tjps.galenos.2018.26056 [**SJR** 0.241]	2
29	Altameme, H.J.M. 2023. Phytochemical analysis of *Clivia miniata* (Lindl.) Bosse. (Amaryllidaceae) by GC-MS technique in Iraq. *AIP Conf. Proc.* 2977: 040030 https://doi.org/10.1063/5.0182153 [**SJR** 0.152]	2
30	El Merzougui, S., Benelli, C., El Boullani, R., Serghini, M.A. 2023. The cryopreservation of medicinal and ornamental geophytes: Application and challenges. *Plants* 12(11):2143. https://doi.org/10.3390/plants12112143 [IF 4.5 (за 2022); **SJR** 0.795]	2
31	Gentile, M.T., Camerino, I., Ciarmiello, L., Woodrow, P., Muscariello, L., De Chiara, I., Pacifico, S. 2023. Neuro-Nutraceutical polyphenols: How far are we? *Antioxidants* 12(3):539. https://doi.org/10.3390/antiox12030539 [**IF** 1.23(за 2022); **SJR** 1.222]	2
32	Kırgeç, Y., Batı-Ay, E., Açıkgöz, M.A. 2023. The effects of foliar salicylic acid and zinc treatments on proline, carotenoid, and chlorophyll content and anti-oxidant enzyme activity in *Galanthus elwesii* Hook". *Horticulturae* 9(9):1041 https://doi.org/10.3390/horticulturae9091041 [**IF** 0.93(за 2022); **SJR** 0.552]	2
	Berkov, S., Georgieva, L., **Sidjimova, B.,** Nikolova, M., Stanilova, M., Bastida, J. 2021. In vitro propagation and biosynthesis of Sceletium-type alkaloids in *Narcissus pallidulus* and *Narcissus cv. Hawera*. South African Journal of Botany 136: 190-194. ISSN 0254-6299, https://doi.org/10.1016/j.sajb.2020.07.036. [**IF**=3.111, **Q2**(WoS/SCIMAGO), **SJR**=0.479] *Цитира се в:*	
33	Nair, J.J., Van Staden, J. 2021. The Amaryllidaceae, a chemically and biologically privileged plant family. *South African Journal of Botany* 136: (1-6). ISSN 0254-6299 https://doi.org/10.1016/j.sajb.2020.09.018 [**IF** 3.111; **SJR** 0.479]	2
34	Qi, J., Liang, W., Zhao, Y., Guiyan, Y., Tianci, T., Yingzi, M., Zhenggang, X. 2022. Methods for rapid seed germination of *Broussonetia papyrifera*. *Pak. J. Bot*. 55(3): 941-948 https://doi.org/10.30848/PJB2023-3(2) [**IF** 1.2; **SJR** 0.301]	2
35	Koirala, M., Karimzadegan, V., Liyanage, N.S., Mérindol, N., Desgagné-Penix, I. 2022. Biotechnological approaches to optimize the production of	2

	Amaryllidaceae alkaloids. *Biomolecules* 12(7):893. https://doi.org/10.3390/biom12070893 [**IF** 5.5; **SJR** 1.074]	
36	Trujillo Chacón, L.M., Leiva, H., Vahos, I.C.Z., Restrepo, D.C., Osorio, E. 2023. Influence of plant growth regulators on in vitro biomass production and biosynthesis of cytotoxic Amaryllidaceae alkaloids in *Caliphuria tenera* Baker. *Biocatalysis and Agricultural Biotechnology* 50:102670 https://doi.org/10.1016/j.bcab.2023.102670 [**IF** 0.83$_{(за\ 2022)}$; **SJR** 0.671]	2
	Semerdjieva, I., **Sidjimova, B.,** Yankova-Tsvetkova, E., Kostova, M., Zheljazkov, V. 2019. Study on *Galantus* species in the Bulgarian Flora. Heliyon, 5 (12) ISSN: 24058440 https://doi.org/10.1016/j.heliyon.2019.e03021 [**SJR**=0.432, **Q1**$_{(SCIMAGO)}$] *Цитира се в:*	
37	Kong, C.K., Low, L.E., Siew, W.S., Yap, W.H., Khaw, K.Y., Ming, L.C., Mocan, A., Goh, B.H., Goh, P.H. 2021. Biological activities of snowdrop (*Galanthus* spp., Family Amaryllidaceae). *Front Pharmacol*. 11:552453. https://doi.org/10.3389/fphar.2020.552453 [**IF** 5.988; **SJR** 1.143]	2
38	Asadi, N., Zarei, H., Hashemi Petrodi, H., & Mousavizade, S. J. 2023. Evaluation of morphological and anatomical features of Iranian *Galanthus transcaucasicus*. *International Journal of Horticultural Science and Technology* 10(4):405-420. https://doi.org/10.22059/ijhst.2022.324140.470 [**SJR** 0.34]	2
39	Zhang, J., Ma, H.2023. Cyto-embryological analysis of Wild Kentucky bluegrass germplasm in Gansu province, China. *Agronomy* 13(6):1569. https://doi.org/10.3390/agronomy13061569 [**IF** 3.7 $_{(за\ 2022);}$ **SJR** 0.688]	2
	Berkov S., Georgieva L., **Sidjimova B.**, Nikolova M. 2017. Metabolite Profiling of In Vitro Plant Systems. In: Pavlov, A., Bley, T. (Eds.) Bioprocessing of Plant In Vitro Systems, Springer International Publishing 1-17. ISBN:978-3-319-54601-8. https://doi.org/10.1007/978-3-319-32004-5_12-1 *Цитира се в:*	
40	Vrancheva, R. Z., Dincheva, I. N., Aneva, I. Y., Pavlov, A. I. 2020. Metabolite profiling by means of GC-MS combined with principal component analyses of natural populations of *Nectaroscordum siculum ssp. bulgaricum* (Janka) Stearn. *Zeitschrift für Naturforschung C.* 75(11-12): 451-457. ISSN 0939-5075, e-ISSN 1865-7125 https://doi.org/10.1515/znc-2020-0058 [**IF** 1.649; **SJR** 0.301]	2
41	Mihaylova, D., Desseva, I., Popova, A., Dincheva, I., Vrancheva, R., Lante, A., Krastanov, A. 2021. GC-MS metabolic profile and α-glucosidase-, α-amylase-, lipase-, and acetylcholinesterase-inhibitory activities of eight peach varieties. *Molecules* 26(14):4183. https://doi.org/10.3390/molecules26144183 [**IF** 0.64; **SJR** 0.705]	2

42	Vrancheva, R., Dincheva, I., Aneva, I., Georgiev, V., Pavlov, A. 2022. GC-MS-based metabolite profiling of wild and in vitro growing plants of *Satureja montana* L. *C. R. Acad. Bulg. Sci.* 75(1):150-158. https://doi.org/10.7546/CRABS.2022.01.18 [**IF** 0.3; **SJR** 0.182]	2
	Общ брой точки	**84**