

**СПИСЪК НА НАУЧНИ ПУБЛИКАЦИИ, ПУБЛИКУВАНИ В РЕФЕРИРАНИ И  
ИНДЕКСИРАНИ СВЕТОВНОИЗВЕСТНИ БАЗИ ДАННИ С НАУЧНА  
ИНФОРМАЦИЯ**

**НА АСИСТЕНТ Д-Р ИВАНИНА ВАСИЛЕВА**

1. Avramova V., AbdElgawad H., Vasileva I., Petrova A.S., Holec A., Mariën J., Asard H., Beemster G.T. 2017. High antioxidant activity facilitates maintenance of cell division in leaves of drought tolerant maize hybrids. *Frontiers in Plant Science*, 8:84. doi:10.3389/fpls.2017.00084. Q1, IF 4.49.
2. Hriztozkova M., Gigova L., Geneva M., Stancheva I., Vasileva I., Sichanova M., Mincheva J. 2017. Micorrhizal Fungi and Microalgae Modulate Antioxidant Capacity of Basil Plants. *Journal of Plant Protection Research*, 57(4): 417-426, ISSN: 1427 – 4345. Q2, SJR: 0.332.
3. Vasileva I.A., Ivanova J.G., Gigova L.G.2020. Selection of nitrogen source affects the growth and metabolic enzyme activities of *Chlorella vulgaris* (Beijerinck) strain R06/2 (Chlorophyta). *Archives of Biological Sciences*, ISSN:03544664, DOI:https://doi.org/10.2298/ABS200219023V. Q3, SJR (Scopus):0.22, IF 0.956.
4. Vasileva I., Alexandrov S., Ivanova J. 2018. Biotechnological perspectives of the red microalga *Porphyridium cruentum*. *Studia Universitatis Vasile Goldis*,28 (4): 167-173. "Vasile Goldis" University Press, 2019, ISSN:1584-2363. Q4, SJR:0.15
5. Nikolova B., Semkova S., Tsoneva I., Antov G., Ivanova J., Vasileva I., Kardaleva P., Stoineva I., Christova N., Nacheva L., Kabaivanova L.2019. Characterization and potential antitumor effect of a heteropolysaccharide produced by the red alga *Porphyridium sordidum*. *Engineering in Life Sciences* ISSN:1618-2863. DOI:10.1002/elsc.201900019, Q2, JCR-IF (Web of Science):1.936.
6. Nikolova B., Antov G., Semkova S., Tsoneva I., Christova N., Nacheva L., Kardaleva P., Angelova S., Stoineva I., Ivanova J., Vasileva I., Kabaivanova L. 2020. Bacterial natural disaccharide (Trehalose Tetraester): molecular modeling and in vitro study of anticancer activity on breast cancer cells. *Polymers*, 12(2): 499. MDPI, ISSN:2073-4360, DOI:0.3390/polym12020499, Q1, JCR-IF (Web of Science): 4.329.
7. Hubenov V., Carcioch R.A., Ivanova J., Vasileva I., Dimitrov K., Simeonov I., Kabaivanova L. 2020. Biomethane production using ultrasound pre-treated maize stalks with subsequent microalgae cultivation. *Biotechnology & Biotechnological Equipment*, 34(1): 800-809. Q3, JCR-IF (Web of Science):1.186.
8. Vasileva I., Boyadzhieva S., Kalotova G., Ivanova J., Kabaivanova L., Naydenova G., Yordanova M., Yankov D., Stateva R.P. 2021. A new Bulgarian strain of *Scenedesmus* sp. - identification, growth, biochemical composition, and oil recovery. *Bulgarian Chemical Communications*, 53(1): 105-116. Q4, IF 0.398.
9. Vasileva I., Alexandrov S., Peeva V., Ivanova A., Ivanova J. 2021. Optimizing the production of valueadded substances derived from *Chroococcus* sp. R-10 (Cyanoprokaryota). *Comptes rendus de l'Académie bulgare des Sciences*, 74(11):1626-1634. ISSN:2367-5535. Q2, SJR (Scopus):0.218, JCRIF (Web of Science):0.343.

10. Ivanova J., Kabaivanova L., Vasileva I. 2021. Assessment of the production potential of valuable compounds with antioxidant properties of different green microalgae. *Oxidation Communications*, 44(1): 27-33. Q3, JCR-IF (Web of Science):0.54.
11. Vasileva I., Toshkova-Yotova T., Georgieva Z., Karcheva Z., Petrova D., Chaneva G., Yocheva L. 2021. Effect of temperature and light on the biochemical profile and antimicrobial activity of *Chroococcus* sp. R-10 (Cyanoprokaryota). *Oxidation Communications*, 44 (4). Q3, JCR-IF (Web of Science): 0.54.
12. Karcheva Z., Georgieva Z., Tomov A., Petrova D., Zhiponova M., Vasileva I., Chaneva G. 2022. Heavy metal stress response of microalgal strains *Arthonema africanum* and *Coelastrella* sp. BGV. *BioRisk*, Special Issue "Current Trends of Ecology", 17, Q3, SJR (Scopus):0.235, ISSN:1212-2644.
13. Mihailova G., Vasileva I., Gigova L., Gesheva E., Simova-Stoilova L., Georgieva K. 2022. Antioxidant Defense during Recovery of Resurrection Plant *Haberlea rhodopensis* from Drought- and Freezing-Induced Desiccation. *Plants*, 11 (2):175. MDPI, DOI:<https://doi.org/10.3390/plants11020175>, Q1, JCR-IF (Web of Science):3.935 ISSN: 2223-7747
14. Vasileva I., Ivanova J. 2016. Microalgal cultivation under lowered CO<sub>2</sub> conditions in order to reduce the carbon dioxide emissions in the atmosphere. *International scientific publications – Ecology and safety*, 10: 303 – 310.
15. Vasileva I., Ivanova J., Paunov M., Angelova L. 2016. Urea from waste waters – perspective nitrogen and carbon source from green algae *Scenedesmus* sp. cultivation. *International scientific publications – Ecology and safety*, 10: 311 – 319.
16. Vasileva I., Gigova L. 2018. Effect of different nitrogen sources on the pattern and activity of certain metabolic enzymes of *Scenedesmus* sp. BGP (Chlorophyceae). Prof. Marin Drinov Academic Publishing House, ISSN:1314-6394, EBSCO Publishing Inc. Informatics India Ltd, Google scholar, *Genetics and Plant Physiology*, 8 (3-4):105-120.
17. Vasileva Iv., Ivanova J. 2019. Biochemical profile of green and red algae - a key for understanding their potential application as food additives. Trakian University, ISSN:1312-1723 - ISSN TJS ,*Trakia Journal of Science*, 1: 1-7. DOI:10.15547/tjs.2019.01.001.
18. Vasileva Iv., Ivanova A., Alexandrov S. 2019. Terraforming Mars is not out of the question yet – and microscopic algae could help. Trakian University, ISSN:1312-1723 - ISSN TJS ,*Trakia Journal of Science*, 1: 8-12. DOI:10.15547/tjs.2019.01.002.
19. Vasileva I., Ivanova J., Alexandrov S. 2019. Bioethical considerations for algal biotechnology. *BanglaJOL*, 9 (2). ISSN:2226-9231, DOI: <https://doi.org/10.3329/bioethics.v9i2.41184>.
20. Ivanova J.G., Vasileva I.A., Kabaivanova L.V. 2020, Enhancement of algal biomass accumulation using undiluted anaerobic digestate. *International Journal of Pharma Medicine and Biological Sciences*, 9 (3): 111-116. ISSN:2278-5221, 111-116. SJR (Scopus 2019): 0.11

21. 1. Vasileva I., Marinova G., Gigova L. 2015. Effect of nitrogen source on the growth and biochemical composition of a new Bulgarian isolate of *Scenedesmus* sp. *Journal of BioScience & Biotechnology*, SE/ONLINE: 125-129.
22. I. Vasileva, G. Marinova, L. Gigova. 2019. Growth and antioxidant enzymes responses of *Scenedesmus* sp. BGP (Chlorophyceae) to cultivation temperature and irradiance. *Oxidation Communication*, 42 (1): 39-48. *Scientific Bulgarian Communication*, ISSN:02094541. Q3, ISI IF: 0.489.