

6. СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ НА ГЛ. АС. Д-Р НИНА СТОЙЧЕВА ДЖЕМБЕКОВА

участник в конкурс за заемане на академична длъжност „доцент“ по научна Област 4. „Природни науки, математика и информатика“, Професионално направление: 4.3. Биологически науки, Научна специалност: „Екология и опазване на екосистемите“; Научно направление: „Екология и молекулярна таксономия на морски организми“, обявен в Държавен вестник бр. 1 / 02.01.2024 г.

6.1. НАУЧНИ ПУБЛИКАЦИИ ПРЕДСТАВЕНИ ЗА ПРИДОБИВАНЕ НА ОБРАЗОВАТЕЛНА И НАУЧНА СТЕПЕН „ДОКТОР“

6.1.1. Дисертационен труд за придобиване на образователна и научна степен „доктор“ (*Показател А от Приложение към чл.1 а, ал.1 от Правилника за условията и реда за придобиване на образователни и научни степени и за заемане на академични длъжности в Института по океанология – БАН*)

6.1.1-1. Джембекова, Н. 2018. Молекулярна таксономия и екология на потенциално токсични фитопланктонни видове в Черно море. Автореферат на дисертация, Институт по океанология "Проф. Фритъф Хансен" – БАН.

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ А: 50 т.
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6.1.2. Научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)

6.1.2-1. Dzhembekova, N., Urusizaki, S., Moncheva, S., Ivanova, P., Nagai, S. Applicability of massively parallel sequencing on monitoring harmful algae at Varna Bay in the Black Sea. Harmful Algae, 2017, 68: 40-51. [DOI](#) SJR: 1.531, ISI IF: 4.138 Q1

6.1.2-2. Nagai, S., Urusizaki, S., Hongo, Y., Chen, H., **Dzhembekova, N.** An attempt to semi-quantify potentially toxic diatoms of the genus *Pseudo-nitzschia* in Tokyo Bay, Japan by using massively parallel sequencing technology. Plankton & Benthos Research, 2017, 12 (4): 248-258. [DOI](#) SJR:0.351, ISI IF:0.545 Q3

6.1.3. Научни публикации в издания, които не са реферирани или индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)

6.1.3-1. Dzhembekova, N., Moncheva, S. Recent trend of potentially toxic phytoplankton species along the Bulgarian Black Sea area. Twelfth international conference on marine sciences and technologies – Proceedings, 2014, 321-329. ISSN:1314-0957

6.1.3-2. Dzhembekova, N., Moncheva, S. Relationship between some environmental factors and the abundance and distribution of potentially toxic *Pseudo-nitzschia* species along the Bulgarian Black sea coast. Proceedings of the third student scientific conference “Ecology and Environment”, Shumen, 2015, 2: 153-163. ISSN:2367-5209

6.2. НАУЧНИ ПУБЛИКАЦИИ ПРЕДСТАВЕНИ ПРИ ПРИДОБИВАНЕ НА АКАДЕМИЧНА ДЛЪЖНОСТ „ГЛАВЕН АСИСТЕНТ“

6.2.1. Научни публикации в издания, които са реферирани или индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)

6.2.1-1. Ivanova, P., **Dzhembekova, N.**, Kardjeva, V., Tsekov, A., Raykov, V. Microsatellite and allozyme variations in starlet sturgeon wild broodstock and hatchery-produced offspring, used for restocking of Lower Danube River. *Aquaculture Engineering and Fisheries Research*, 2017, 3 (4): 199-206. [DOI](#)

6.2.1-2. Nikolov, V., Ivanova, P., **Dzhembekova, N.**, Panayotova, M., Raykov, V., Dobrovolev, I. Application of allozyme markers for screening of turbot populations along Western Black Sea coast. *ZooNotes*, 2015, 79: 1-15. ISSN:1313-9916

6.2.2. Научни публикации в издания, които не са реферирани или индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)

6.2.2-1. **Dzhembekova, N.**, Ivanova, P., Moncheva, S., Nagai, S. Taxonomic Diversity of Marine Sediments From the Black Sea: Next-generation Sequencing Survey. *Proc. 14th Int. Conference on Marine Science and Technology "Black Sea"*, 10-12 October 2018, Varna Scientific and Technical Unions, 162-167. [DOI](#) ISSN:1314-0957

6.2.2-2. Ivanova, P., Nikolov, V., **Dzhembekova, N.** New data for invasive pilengas mullet species *Liza haematocheila* (Temminck and Schlegel, 1845) along Bulgarian Black Sea coast. *Annals of Warsaw University of Life Science - SGGW, Animal Science*, 2017, 56 (2): 231-237. [DOI](#)

6.3. НАУЧНИ ПУБЛИКАЦИИ ПРЕДСТАВЕНИ ПО КОНКУРСА ЗА ЗАЕМАНЕ НА АКАДЕМИЧНА ДЛЪЖНОСТ „ДОЦЕНТ“

6.3.1. Хабилизационен труд – научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus) (Показател В4 от Приложение към чл.1 а, ал.1 от Правилника за условията и реда за придобиване на образователни и научни степени и за заемане на академични длъжности в Института по океанология – БАН)

6.3.1-1. Dzhembekova, N., Atanasov, I., Ivanova, P., Moncheva, S. New potentially toxic *Pseudo-nitzschia* species (Bacillariophyceae) identified by molecular approach in the Black Sea (Varna Bay). 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Conference Proceedings, 2017, 17: 889-896. [Link](#), SJR:0.211 **публ. в издание със SJR – 10 т.**

6.3.1-2. Dzhembekova, N., Moncheva, S., Ivanova, P., Slabakova, N., Nagai, S. Biodiversity of phytoplankton cyst assemblages in surface sediments of the Black Sea based on metabarcoding. *Biotechnology & Biotechnological Equipment*, 2018, 32 (6): 1507-1513. [DOI](#), SJR: 0.36, ISI IF: 1.227 **Q3 – 15 т.**

6.3.1-3. Dzhembekova, N., Rubino, F., Nagai, S., Zlateva, I., Slabakova, N., Ivanova, P., Slabakova, V., Moncheva, S. Comparative analysis of morphological and molecular approaches integrated into the study of the dinoflagellate biodiversity within the recently deposited Black Sea sediments – benefits and drawbacks. *Biodiversity Data Journal*, 2020, 8: e55172 [DOI](#), SJR (Scopus): 0.665 **Q2 – 20 т.**

6.3.1-4. Di Cesare, A., Dzhembekova, N., Cabello-Yeves, P.J., Eckert, E.M., Slabakova, V., Slabakova, N., Peneva, E., Bertoni, R., Corno, G., Salcher, M.M., Kamburska, L., Bertoni, F., Rodriguez-Valera, F., Moncheva, S., Callieri, C. Genomic Comparison and Spatial Distribution of Different *Synechococcus* Phylotypes in the Black Sea. *Frontiers in Microbiology*, 2020, 11: 1-11. [DOI](#), SJR (Scopus): 1.69, JCR-IF (Web of Science): 4.235 **Q1 – 25 т.**

6.3.1-5. Dzhembekova, N., Slabakova, N., Slabakova, V., Zlateva, I., Moncheva, S. Long-term Trends in *Pseudo-nitzschia* Complex Blooms in the Black Sea-is there a Potential Risk for Ecological and Human Hazards. *Ecologia Balkanica*, 2021, 13 (1): 55-75. [Link](#) SJR (Scopus): 0.14 **Q4 – 12 т.**

6.3.1-6. Dzhembekova, N., Rubino, F., Belmonte, M., Zlateva, I., Slabakova, N., Ivanova, P., Slabakova, V., Nagai, S., Moncheva, S. Distribution of Different *Scrippsiella acuminata* (Dinophyta) Cyst Morphotypes in Surface Sediments of the Black Sea: A Basin Scale Approach. *Frontiers in Marine Science*, 2022, 9: 1-13. [DOI](#) SJR (Scopus): 1.122 **Q1 – 25 т.**

6.3.1-7. Dzhembekova, N., Moncheva, S., Slabakova, N., Zlateva, I., Nagai, S., Wietkamp, S., Wellkamp, M., Tillmann, U., Krock, B. New Knowledge on Distribution and Abundance of Toxic Microalgal Species and Related Toxins in the Northwestern Black Sea. *Toxins*, 2022, 14, 685: 1-25. [DOI](#) JCR-IF (Web of Science): 5.075 **Q1 – 25 т.**

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ В4: 132 т.
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6.3.2. Научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилитационния труд (Показател Г7 от Приложение към чл.1 а, ал.1 от Правилника за условията и реда за придобиване на образователни и научни степени и за заемане на академични длъжности в ИО – БАН)

6.3.2-1. Callieri, C., Slabakova, V., **Dzhembekova, N.**, Slabakova, N., Peneva, E., Cabello-Yeves, P.J., Di Cesare, A., Eckert, E.M., Bertoni, R., Corno, G., Salcher, M.M., Kamburska, L., Bertoni, F., Moncheva, S. The mesopelagic anoxic Black Sea as an unexpected habitat for *Synechococcus* challenges our understanding of global “deep red fluorescence”. The ISME journal, 2019, [DOI](#) JCR-IF (Web of Science): 9.52 **Q1 – 25 т.**

6.3.2-2. Cabello-Yeves, P. J., Callieri, C., Picazo, A., Mehrshad, M., Haro-Moreno, J. M., Roda-Garcia, J. J., **Dzhembekova, N.**, Slabakova, V., Slabakova, N., Moncheva, S., Rodriguez-Valera, F. The microbiome of the Black Sea water column analyzed by shotgun and genome centric metagenomics. Environmental Microbiomes, 2021,16 (5): 1-15. [DOI](#) SJR (Scopus): 0.648 **Q3 – 15 т.**

6.3.2-3. Sabatino, R., Di Cesare, A., **Dzhembekova, N.**, Fontaneto, D., Eckert, E.M., Corno, G., Moncheva, S., Bertoni, R., Callieri, C. Spatial distribution of antibiotic and heavy metal resistance genes in the Black Sea. Marine Pollution Bulletin, 2020, 160: 111635. [DOI](#) SJR (Scopus): 1.27, JCR-IF (Web of Science): 4.049 **Q1 – 25 т.**

6.3.2-4. Sabatino, R., Cabello-Yeves, P., Eckert, E., Corno, G., Callieri, C., Brambilla, D., **Dzhembekova, N.**, Moncheva, S., Di Cesare, A. Antibiotic resistance genes correlate with metal resistances and accumulate in the deep water layers of the Black Sea. Environmental Pollution, 2022, 312: 120033. [DOI](#) SJR (Scopus): 1.954 **Q1 – 25 т.**

6.3.2-5. Ivanova, P., **Dzhembekova, N.**, Atanassov, I., Rusanov, K., Raykov, V., Zlateva, I., Yankova, M., Raev, Y., Nikolov, G. Genetic diversity and morphological characterisation of three turbot (*Scophthalmus maximus* L., 1758) populations along the Bulgarian Black Sea coast. Nature Conservation, 2021, 43: 123-146. [DOI](#) SJR (Scopus): 0.53, JCR-IF (Web of Science): 1.58 **Q2 – 20 т.**

6.3.2-6. Ivanova, P., Zlateva, I., Raykov, V., Yankova, M., **Dzhembekova, N.**, Slabakova, V., Raev, Y. Comparative Analysis of Morphometric and Meristic Characters of *Scophthalmus maximus* (Linnaeus 1758), Sampled in Four Different Sites Along the Bulgarian Black Sea Coast. Acta Zoologica Bulgarica, 2024, Supplement 18: 1-9. JCR-IF (Web of Science): 0.354 **Q4 – 12 т.**

6.3.2-7. Yankova, M., Raykov, V., Ivanova, P., **Dzhembekova, N.**, Turan, C., Raev, Y. Morphological and genetic characteristics of garfish *Belone belone* (L., 1760) (Belonidae, Teleostei) population from the southern Bulgarian Black Sea coast. Nature Conservation, 2023, 54: 1-12. [DOI](#) SJR (Scopus): 0.53, JCR-IF (Web of Science): 1.58 **Q2 – 20 т.**

6.3.2-8. Zlateva, I., Ivanova, P., **Dzhembekova, N.**, Doncheva, V., Popov, I., Slabakova, V., Raev, Y., Raykov, V., Dimitrov, D. Spatial Distribution and Genetic Diversity of Turbot (*Scophthalmus maximus*, Linnaeus, 1758) in Bulgarian Black Sea Waters Relative to Fishing

Pressure and Their Abiotic Environment. Journal of Marine Science and Engineering, 2023, 11: 1982. [DOI](#) SJR (Scopus): 0.541, JCR-IF (Web of Science): 2.744 **Q2 – 20 т.**

6.3.2-9. Zlateva, I., Raykov, V., Alexandrova, A., Ivanova, P., Chipev, N., Stefanova, K., **Dzhembekova, N.**, Doncheva, V., Slabakova, V., Stefanova, E., Mihova, S., Valcheva, N., Hristova, O., Dzhurova, B., Dimitrov, D., Georgieva, A., Tsvetanova, E., Andreeva, M., Popov, I., Yankova, M., Raev, Y., Petrov, K. Effects of anthropogenic and environmental stressors on the current status of red mullet (*Mullus barbatus* L., 1758) populations inhabiting the Bulgarian Black Sea waters. Nature Conservation, 2023, 54, 55-79. [DOI](#) SJR (Scopus): 0.65, JCR-IF (Web of Science): 2.42 **Q2 – 20 т.**

6.3.2-10. Zidarova, R., Ivanov, P., **Dzhembekova, N.** Diatom colonization and community development in Antarctic marine waters - a short term experiment. Polish Polar Research, 2020, 41 (2): 187-212. [DOI](#) SJR (Scopus): 0.44, JCR-IF (Web of Science): 1.308 **Q3 – 15 т.**

6.3.2-11. Zidarova, R., Hineva, E., Ivanov, P., **Dzhembekova, N.** Diatom communities on an artificial substratum at two contrasting sites at South Bay, Livingston Island. Polish Polar Research, 2022, 43 (3): 187-222. [DOI](#) SJR (Scopus): 0.32, JCR-IF (Web of Science): 0.9 **Q3 – 15 т.**

6.3.2-12. Zidarova, R., Ivanov, P., Hineva, E., **Dzhembekova, N.** Diversity and habitat preferences of benthic diatoms from South Bay (Livingston Island, Antarctica). Plant Ecology and Evolution, 2022, 155 (1): 70-106. [DOI](#) SJR (Scopus): 0.422, JCR-IF (Web of Science): 1.366 **Q2 – 20 т.**

6.3.2-13. Zidarova, R., Ivanov, P., **Dzhembekova, N.**, de Haan, M., Van de Vijver, B. Two new *Halamphora* (Bacillariophyta) species from the marine coasts off Livingston Island, Antarctica. PhytoKeys, 2022, 195: 161-174. [DOI](#) SJR (Scopus): 0.51, JCR-IF (Web of Science): 1.635 **Q2 – 20 т.**

6.3.2-14. Karachle, P. K., Corsini Foka, M., Crocetta, F., Dulčić, J., **Dzhembekova, N.**, Galanidi, M., Ivanova, P., Shenkar, N., Skolka, M., Stefanova, E., Stefanova, K., Surugiu V., Uysal I., Verlaque M., Zenetos, A. Setting-up a billboard of marine invasive species in the ESENIAS area: current situation and future expectancies. Acta Adriatica, 2017, 58 (3): 429-458. [Link](#) SJR: 0.3, ISI IF: 0.76 **Q3 – 15 т.**

6.3.2-15. Danovaro R., Carugati L., Berzano M., Cahill A., Carvalho S., Chenuil A., Corinaldesi C., Cristina S., David R., Dell'Anno A., **Dzhembekova N.**, Garcés E., Gasol J., Goela P., Féral J., Rastelli E., Marinova V., Miller P., Moncheva S., Newton A., Pearman J., Pitois S., Reñé A., Rodríguez-Ezpeleta N., Saggiomo V., Simis S., Stefanova K., Wilson C., Martire M., Greco S., Cochrane S., Mangoni O., Borja A., Kurekin A., Forster R., Ferrera I. Implementing and Innovating Marine Monitoring Approaches for Assessing Marine Environmental Status. Frontiers in Marine Science, 2016, 3: 1-25. [DOI](#) SJR (Scopus): 1.225 *

* Публикация, с повече от 30 автора, поради което не участва при формиране на точките, изискуеми съобразно минималните национални изисквания на ИО-БАН.

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ Г7: 267 т.
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6.3.3. Научни публикации в издания, които не са реферирани или индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)

6.3.3-1. Zlateva, I., **Dzhembekova, N.**, Rubino, F., Slabakova, N., Slabakova, V., Moncheva, S.. Spatial distribution of cyst morphotypes of *Scrippsiella acuminata* complex in the Black Sea surface sediments in relation to environmental factors. Proceedings of International conference on marine sciences and technologies Black Sea 2020, Varna Scientific And Technical Unions, 2020, 40-46. ISSN: 1314 – 0957, [Link](#)

6.3.3-2. **Dzhembekova, N.**, Moncheva, S., Ivanova, P., Slabakova, N., Nagai, S. Molecular taxonomy – new insights for potentially toxic phytoplankton species in the Black Sea. Humboldt Kolleg - Science without Borders: Alexander von Humboldt's Concept in Today's World, Proceedings of the Humboldt Kolleg, Varna, September 18 – 21, 2019, Faber Publishing House, 2020, 90-100. ISBN: 978-619-00-1217-7, [Link](#)

6.3.3-3. Ivanova, P., **Dzhembekova, N.**, Atanassov, I., Rusanov, K., Raykov, V., Zlateva, I., Yankova, M. Applicability of Control Region of Mitochondrial DNA for Assessment of Turbot Populations Along the Bulgarian Black Sea Coast. Proceeding of 1st International conference on Environmental protection and disaster RISKs, Az-buki National Publishing House, Sofia, 2020, 221-230. [DOI](#)

6.4. ДРУГИ ПУБЛИКАЦИИ

6.4-1. Доклад анализ на състоянието на морската околна среда – 2017 г. ИО-БАН, Варна, 2022, 359-380.

6.4-2. Black Sea Strategic Research and Innovation Agenda - Final Edition. H2020 funded Black Sea CONNECT Coordination and Support Action (CSA) Steering Committee team members, 2023.

27.02.2024 г.

гр. Варна

/гл. ас. д-р Н. Джембекова/