

6. СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ НА ГЛ. АС. Д-Р ИВЕЛИНА ЙОРДАНОВА ЗЛАТЕВА

участник в конкурс за заемане на академична длъжност „доцент“ По Област на висше образование: шифър 4. „Природни науки, Математика и Информатика“, Професионално направление: шифър 4.4. „Науки за земята“, Научна специалност: „Океанология“, Научно направление: „Приложение на наука за данните, машинно обучение, статистически и числени методи в морските науки“, обявен 01 август 2025 година, ДВ Бр. 63 / 01.08.2025г..

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. Златева, И. 2018. ИЗСЛЕДВАНЕ НА ВЪЗМОЖНОСТИТЕ ЗА ПРИЛАГАНЕ НА ИНЖЕНЕРНИ МЕТОДИ ПРИ УПРАВЛЕНИЕ НА МОРСКИ РЕСУРСИ. Автореферат на дисертация, Технически университет – гр. Варна – **50 т.**

Линк към дисертацията:

https://ras.nacid.bg/api/reg/FilesStorage?key=b6aeaed3-a631-4595-8c5c-eb6d04f9294d&mimeType=application/pdf&fileName=DISERTACIQ_Iva.pdf&dbId=1

Линк към автореферата:

<https://ras.nacid.bg/api/reg/FilesStorage?key=91aaf76b-d8c9-4a7d-920e-bf3f1242ab83&mimeType=application/pdf&fileName=Awtoreferat.pdf&dbId=1>

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ А: 50 т.

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. Zlateva, I., Nikolov, N., 2019. Two-step Procedure Based on the Least Square and Instrumental Variables Methods for Simultaneous Estimation of von Bertalanffy Growth Parameters, International Journal of Agricultural and Environmental Information Systems, Volume 10, Issues 2, Art. 3, April-2019/ISBN: 250418-053137, **Q4 – 12т**

DOI: 10.4018/IJAEIS.2019040103 0

<https://www.igi-global.com/article/two-step-procedure-based-on-the-least-squares-and-instrumental-variable-methods-for-simultaneous-estimation-of-von-bertalanffy-growth-parameters/223869>

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. Zlateva, I., Nikolov, N., 2018. Matlab-Based Standalone Application for Estimation of Growth and Mortality Parameters of Fish, International Journal of Engineering Research & Science, Vol-4, Issue-1, January-2018 – **6 т.**

https://www.researchgate.net/publication/322910545_MATLAB-Based_Standalone_Application_for_Estimation_of_Growth_and_Mortality_Parameters_of_Fish

6.1.3-2. Zlateva, I., 2017. Matlab-Based Length/Weight Relationship Analysis of Commercial Fishery Samples taken from the Black Sea (Bulgaria), Journal of FisheriesSciences.com, 11 (4):3-14, DOI: 10.21767/1307-234X.1000135 – **6 т.**

https://www.researchgate.net/publication/320728951_Matlab-Based_LengthWeight_Relationship_Analysis_of_Commercial_Fishery_Samples_taken_from_the_Black_Sea_Bulgaria

6.1.3-3. Zlateva, I., Alexandrova, M., Nikolov, N., Raykov, V., 2017. Matlab based Stochastic Modeling, Distribution Analysis of Commercial Fishery Length-Frequency Samples Taken from the Black Sea (Bulgaria), International Journal of Engineering Research & Science, Vol-3, Issue-11, November 2017 – **6 т.**

https://www.researchgate.net/publication/321390188_MATLAB-Based_Stochastic_Modeling_Distribution_Analysis_of_Commercial_Fishery_Length-Frequency_Samples_Taken_From_the_Black_Sea_Bulgaria

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ Г7: 30 т.

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

6.2.1. 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*) -

6.2.1-1. Златева, И. 2018. ИЗСЛЕДВАНЕ НА ВЪЗМОЖНОСТИТЕ ЗА ПРИЛАГАНЕ НА ИНЖЕНЕРНИ МЕТОДИ ПРИ УПРАВЛЕНИЕ НА МОРСКИ РЕСУРСИ. Автореферат на дисертация, Технически университет – гр. Варна – **50 т.**

Линк към дисертацията:

https://ras.nacid.bg/api/reg/FilesStorage?key=b6aeaed3-a631-4595-8c5c-eb6d04f9294d&mimeType=application/pdf&fileName=DISERTACIQ_Iva.pdf&dbId=1

Линк към автореферата:

<https://ras.nacid.bg/api/reg/FilesStorage?key=91aaf76b-d8c9-4a7d-920e-bf3f1242ab83&mimeType=application/pdf&fileName=Awtoreferat.pdf&dbId=1>

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ А: 50 т.
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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. Zlateva, I., Ricker, M., Slabakova, V., Slavova, K., Doncheva, V., Staneva, J., Stanev, E., Popov, I., Gramcianinov, C., & Raykov, V. (2024). Analysis of terrestrial and riverine sources of plastic litter contributing to plastic pollution in the Western Black Sea using a lagrangian particle tracking model. Marine Pollution Bulletin, 209, 117108. <https://doi.org/10.1016/j.marpolbul.2024.117108>. **SJR 1.4, Q1– 25 т.**

<https://www.sciencedirect.com/science/article/pii/S0025326X24010853>

6.3.1-2. Dzhebekova, N., Zlateva, I., Rubino, F., Belmonte, M., Doncheva, V., Popov, I., Moncheva, S. (2024) Spatial distribution models and biodiversity of phytoplankton cysts in the Black Sea. Nature Conservation 55: 269–296. <https://doi.org/10.3897/natureconservation.55.121181> - **SJR 0.56, Q2 – 20 т.**

<https://natureconservation.pensoft.net/article/121181/>

6.3.1-3. Zlateva, I., Ivanova, P., Dzhebekova, N., Doncheva, V., Popov, I., Slabakova, V., Raev, Y., Raykov, V. & Dimitrov, D. (2023). 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, 11(10), 1982. <https://doi.org/10.3390/jmse11101982>; **SJR 0.58, Q2 – 20 т.**

<https://www.mdpi.com/2077-1312/11/10/1982>

6.3.1-4. Zlateva, I., Raykov, V., Slabakova, V., Stefanova, E., & Stefanova, K. (2022). Habitat suitability models of five keynote Bulgarian Black Sea fish species relative to specific abiotic and biotic factors. Oceanologia, 64(4), 665-674; <https://doi.org/10.1016/j.oceano.2022.06.002>; **SJR 0.71, Q2 – 20 т.**

<https://www.sciencedirect.com/science/article/pii/S0078323422000719>

6.3.1-5. Dzhenbekova, N., Moncheva, S., Slabakova, N., Zlateva, I., Nagai, S., Wietkamp, S., Wellkamp, M., Tillmann, U., Krock, B. (2022). New Knowledge on Distribution and Abundance of Toxic Microalgal Species and Related Toxins in the Northwestern Black Sea. *Toxins*, 14, 685. <https://doi.org/10.3390/toxins14100685>; SJR **1.05**, Q1 – 25 т.

<https://www.mdpi.com/2072-6651/14/10/685>

6.3.1-6 Dzhenbekova, N., Rubino, F., Belmonte, M., **Zlateva, I.**, Slabakova, N., Ivanova, P., Slabakova, V., Nagai, S. and Moncheva, S. (2022) Distribution of Different *Scrippsiella acuminata* (Dinophyta) Cyst Morphotypes in Surface Sediments of the Black Sea: A Basin Scale Approach. *Front. Mar. Sci.* 9:864214. doi: 10.3389/fmars.2022.864214 SJR **0,931**, Q1 – 25 т

<https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2022.864214/full>

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ В4: 135 т.

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 Stefanova, K., Stefanova, E., Zlateva, I., Doncheva, V., Slabakova, N., & Valcheva, N. (2025). Zooplankton Species Diversity, Distribution and Long-Term Change of the Community Along the Bulgarian Black Sea Coast: A Brief Review. *Zooplankton Challenges in a Changing World*, 256-277. – глава от книга **индексирана в Scopus – 15 т.**

<https://www.taylorfrancis.com/chapters/edit/10.1201/9781032662275-14/zooplankton-species-diversity-distribution-long-term-change-community-along-bulgarian-black-sea-coast-kremena-stefanova-elitsa-stefanova-ivelina-zlateva-valentina-doncheva-natalya-slabakova-nadezhda-valcheva>

6.3.2-2 Ivanova, P. P., Zlateva, I. Y., Raykov, V. S., Yankova, M. H., Dzhenbekova, N. S., Slabakova, V. H., & Raev, Y. R. (2024). Comparative Analysis of Morphometric and Meristic Characters of Turbot *Scophthalmus maximus* (Linnaeus, 1758) (Actinopterygii: Scophthalmidae) from Four Sites along the Bulgarian Black Sea Coast. *ACTA ZOOLOGICA BULGARICA*, 41-49. - SJR **0.226**, Q4 – 12 т

<https://natureconservation.pensoft.net/article/64195/>

6.3.2-3 Ivanova, P., Dzhenbekova, N., Atanasov, I., Rusanov, K., Raykov, V., **Zlateva, I.**, Dimitrov, D., Yankova, M. & Raev, Y. (2024). Genetic Diversity of Populations of the Red Mullet *Mullus barbatus* Linnaeus, 1758 (Mulliformes: Mullidae) along the Bulgarian Black Sea Coast as Evident by Microsatellite Analysis. *Acta Zoologica Bulgarica*, 76(2) DOI: <https://doi.org/10.71424/azb76.2.002779> **SJR 0.226, Q4 – 12 т**

<https://acta-zoologica-bulgarica.eu/002779-2/>

6.3.2-4. Zlateva, I., Raykov, V., Alexandrova, A., Ivanova, P., Chipev, N., Stefanova, K., Dzhenbekova, 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. (2023) 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* 54: 55–79. <https://doi.org/10.3897/natureconservation.54.103758> - **SJR 0.56, Q2 – 20 т.**

<https://natureconservation.pensoft.net/article/103758/>

6.3.2-5 Ivanova, P., Dzhenbekova, N., Atanasov, I., Rusanov, K., Raykov, V., **Zlateva, I.**, Yankova, M., Raev, Y., Nikolov, G. (2021). Genetic diversity and morphological characterisation of three turbot (*Scophthalmus maximus* L., 1758) populations along the Bulgarian Black Sea coast. *Nature Conservation* 43: 123–146; <https://doi.org/10.3897/natureconservation.43.64195>, **SJR 0.58, Q2 – 20 т**

<https://www.sciencedirect.com/org/science/article/pii/S1314694721000130>

6.3.2-6 Dzhenbekova, N., Slabakova, N., Slabakova, V., **Zlateva, I.**, & Moncheva, S. (2021). Long-term Trends in Pseudo-nitzschia Complex Blooms in the Black Sea-is there a Potential Risk for Ecological and Human Hazards. *Ecologia Balkanica*, 13(1). **SJR 0.226, Q4 – 12 т**

http://web.uni-plovdiv.bg/mollov/EB/2021_vol13_iss1/055-075_eb20148.pdf

6.3.2-7 Raykov, V., **Zlateva, I.**, Ivanova, P., Dimitrov, D., & Golumbeanu, M. (2020). Stratified seafloor marine litter assessment. Bulgarian Black Sea waters case. *J Environ Prot Ecol*, 21, 463. - **Q4 – 12 т**

<https://www.researchgate.net/publication/342317854> Stratified Seafloor Marine Litter Assessment Bulgarian Black Sea Waters Case

6.3.2-8 Raykov, V., **Zlateva, I.**, Yankova, M., Kotsev, I., Dimitrov, D., Raev, Y., & Golumbeanu, M. (2019). Spatial and temporal analysis on Sprat (*Sprattus sprattus* L.) surveys

catch per unit effort and catch per unit area from Bulgarian marine zone. *Journal of Environmental Protection*, 20(4), 1784-1795. – **Q3 – 15 т**

https://www.researchgate.net/publication/338655947_SPATIAL_AND_TEMPORAL_ANALYSIS_ON_SPRAT_Sprattus_sprattus_L_SURVEYS_CATCH_PER_UNIT_EFFORT_AND_CATCH_PER_UNIT_AREA_FROM_BULGARIAN_MARINE_ZONE

6.3.2-9 Zlateva, I., Nikolov, N., Raykov, V., & Yankova, M. (2019). LWR models of 2 commercially important species from the Bulgarian marine area. In *Sustainable Development and Innovations in Marine Technologies* (pp. 622-631). CRC Press – глава от книга **индексирана в Scopus – 15 т.**

<https://www.taylorfrancis.com/chapters/edit/10.1201/9780367810085-83/lwr-models-2-commercially-important-species-bulgarian-marine-area-zlateva-nikolov-raykov-yankova>

6.3.2-10 Dzhembekova, N., Rubino, F., Nagai, S., **Zlateva, I.,** Slabakova, N., Ivanova, P., Slabakova, V., Moncheva, S. (2020) 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* 8: e55172. <https://doi.org/10.3897/BDJ.8.e55172> - **SJR 0.351, Q2 – 20 т.**

<https://bdj.pensoft.net/article/55172/instance/5855920/>

6.3.2-11 Raykov, V. S., & Zlateva, I. (2015). Fish stock indicators as measure for sustainability: black sea sprat case. In *Progressive Engineering Practices in Marine Resource Management* (pp. 118-182). IGI Global. – глава от книга – **индексирана в Scopus – 15 т.**

<https://www.igi-global.com/chapter/fish-stock-indicators-as-measure-for-sustainability/129552>

6.3.2-12 Zlateva, I. Y., Raykov, V. S., Nikolov, N., & Alexandrova, M. I. (2015). Environmental Management Ecosystem vs. Engineering System Theory Approach Modeling and Analysis: Risk Management System as a Managerial Tool. In *Progressive Engineering Practices in Marine Resource Management* (pp. 1-47). IGI Global. - глава от книга – **индексирана в Scopus – 15 т.**

<https://www.igi-global.com/chapter/environmental-management-ecosystem-vs-engineering-system-theory-approach-modeling-and-analysis/129548>

6.3.2-13 Raykov, V. St., Bikarska (Zlateva), I., Panayotova, M., Lisichkov, K., (2011). Fishing Vessel Monitoring System (VMS): Application and Challenges in Bulgarian Black Sea Coastal Waters, *Journal of Environmental Protection and Ecology*, 12 No1, 205-214 (2011) – **SJR 0.147, Q3 – 15 т.**

https://www.researchgate.net/publication/296765062_Fishing_vessel_monitoring_system_vms_Application_and_challenges_in_bulgarian_black_sea_coastal_waters

6.3.2-14 St. Raykov, V. & Bikarska, I. (2011). Marine Living Resource Management and Fishing Effort Control in View of Socioeconomic Reality: Alternatives and Measures. In Z. Andreopoulou, B. Manos, N. Polman, & D. Viaggi (Eds.), *Agricultural and Environmental Informatics, Governance and Management: Emerging Research Applications* (pp. 299-317). IGI Global Scientific Publishing. <https://doi.org/10.4018/978-1-60960-621-3.ch016> - глава от книга – индексирана в Scopus – 15 т.

<https://www.igi-global.com/chapter/marine-living-resource-management-fishing/54414>

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 Turan, C., Ivanova, P. P., Doğdu, S., Ergüden, D., Raykov, V., Yankova, M., Yağlıoğlu, D., Ergenler, A., **Zlateva, I.** & Dzhebekova, N. S. (2024). Population genetic analysis of garfish *Belone belone* from the Bulgarian and Turkish coasts of the Black Sea. *Tethys Environmental Science*, 1(3), 152-63. – 6 т.

<https://www.tethysjournal.com/index.php?page=detail&paperID=126>

6.3.3-2. Ivanova, P., **Dzhebekova, N.**, Atanasov, 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 – 6т.

<https://www.niggg-bas.com/periodicals/proceeding-of-1st-international-conference-on-environmental-protection-and-disaster-risks/art-20/>

6.3.3-3 Slabakova, V., **Zlateva, I.**, & Slavova, K. (2020). Initial assessment of composition, abundance, spatial distribution and hotspots identification of floating macro-litter in the Bulgarian Black Sea waters. In Proceeding of 1st international conference on environmental protection and disaster risks (pp. 537-547). – 6т.

<https://www.niggg-bas.com/periodicals/proceeding-of-1st-international-conference-on-environmental-protection-and-disaster-risks/art-49/>

6.3.3-4 Zlateva, I., Nikolov, N., & Alexandrova, M. **Cybernetic Approach to Fisheries Management.** International Journal of Engineering Research & Science, Vol-4, Issue-11, November 2018 – 6 т.

https://ijoer.com/assets/articles_menuscripts/file/IJOER-NOV-2018-6.pdf

6.3.3-5 Raykov, V., Shlyakhov, V., Maximov, V., Radu, G., Staicu, I., Panayotova, M., ... & **Ivelina Bikarska (Zlateva), I.** (2008, November). Limit and target reference points for rational exploitation of the turbot (*Psetta maxima* L.) and whiting (*Merlangius merlangus* euxinus Nordm.) in the western part of the Black Sea. In VI Anniversary Conference of the Institute of zoology. Acta Zoologica Bulgarica (Vol. 2, pp. 305-315) – **6 т.**

https://www.researchgate.net/publication/236960936_Limit_and_Target_Reference_Points_for_Rational_Exploitation_of_the_Turbot_Psetta_maxima_L_and_Whiting_Merlangius_merlangus_euxinus_Nordm_in_the_Western_Part_of_the_Black_Sea

6.3.3-6. 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 т.**

https://io-bas.bg/publications/proceedings/BS2020_PROCEEDINGS.pdf

6.3.3-7. Stefanova, K., Moncheva, S., Zlateva, I., Stefanova, E., Slabakova, N., Dzhembekova, N., Slabakova, V., Mavrodieva, R., Hristova, O., Dzhurova, B., Effects of Kamchia River Input on the Ecological Status of Coastal Black Sea Ecosystem Proceedings of International conference on marine sciences and technologies Black Sea 2020, Varna Scientific And Technical Unions, 2020, 47-54. ISSN: 1314 – 0957 – **6 т.**

https://io-bas.bg/publications/proceedings/BS2020_PROCEEDINGS.pdf

ОБЩ БРОЙ ТОЧКИ ПОКАЗАТЕЛ Г7: 255 т.

6.4. ДРУГИ ПУБЛИКАЦИИ

6.4-1. ANEMONE Deliverable 2.1, 2021. "Impact of the rivers on the Black Sea ecosystem", Lazăr L. [Ed.], Ed. CD PRESS, 225 pp., ISBN 978-606-528-528-6

https://www.researchgate.net/publication/356556852_ANEMONE_Deliverable_21_Impact_of_the_Rivers_on_the_Black_Sea_Ecosystem

29.09.2025 г.

гр. Варна

/гл. ас. д-р И. Златева/