

## Списък на публикации на гл.ас.д-р Виолин Стоянов Райков

По конкурс за заемане на академична длъжност „ДОЦЕНТ” обнародван в ДВ бр. 40, стр. 106 от Вторник, 2 юни 2015 г. София: Област на висше образование: шифър 4. „Природни науки, Математика и Информатика”; Професионално направление: шифър 4.3. „Биологически науки”; Научна специалност: „Екология и опазване на екосистемите”; Научно направление: “Екология на морската фауна” - един бр.

### Публикации в реферирани списания с импакт фактор (IF):

1. **Raykov V.** Fish stock indicators: application of descriptor 3 in Black Sea *Journal of environmental protection and ecology* 10/2014; 15(3):1092-1100 **IF=0.838** ISSN 1311-5065
2. **Raykov V**, Yankova. M, Petrova. E. 2009 Stock condition, population dynamics and peculiarities in biology of the turbot (*Psetta maxima* L.) in relation with measures for its rational exploitation off Bulgarian Black Sea Coast, *Journal of Environmental Protection and Ecology*, vol. 10, no. 2, ISSN 1311-5065, 488-499. **IF=0.169** ISSN 1311-5065
3. **Raykov, V.**, M Panayotova Cetacean Sightings of the Bulgarian Black Sea Coast over the Period 2006–2010 *Journal of Environmental protection and Ecology* 13 No.3A, 1824-1835 (2012) **IF= 0.259** ISSN 1311-5065
4. **Raykov, V.** Yankova, M. Radu, Gh. Lisichkov, K. Exploitation patterns call for limiting the sprat yield at sustainable levels in the North-western part of the Black Sea. *Journal of Environmental protection and Ecology* V12, No.3, 982-989 (2011) **IF=0.102** ISSN 1311-5065
5. **Raykov St.V**, M.Panayotova, P.Ivanova, I.Dobrovolov, V. Maximov First discovery of European mud-minnow *Umbra krameri* WALBAUM, 1792 (Pisces: Umbridae) in the Black Sea. *Comptes rendus de l'Academie bulgare des Sciences* Vol. 65, No 1, 2012, 49-52 ISSN 1310–1331 (Print) ISSN 2367–5535 (Online) **IF=0.211**
6. **Raykov, V.I.** Bikarska, M. Panayotova, K. Lisichkov 2011: Fishing vessel monitoring system (VMS): application and challenges in Bulgarian Black Sea coastal waters, *Journal of Environmental Protection and Ecology*, 12 (1), 205-214 ISSN 1311-5065 **IF=0.102**
7. **Raykov V.** St., M. Panayotova, Gh. Radu, V. Maximov, E. Anton, S. Nicolaev International Pelagic Trawl Survey in the EU Waters of the Black Sea, June 2010 *Journal of Environmental protection and ecology*, Vol., 172 - 179, 2013 ISSN 1311-5065 **IF = 0.338**
8. Maximov, V. **Raykov, V.** Yankova, M. Zaharia, T. 2009. Population parameters of whiting (*Merlangius merlangius euxinus*) in Romanian and Bulgarian Coast during the period 2000-2007. *Journal of Environmental protection and Ecology* Vol.12,(4): 1608-1618. ISSN 1311-5065 **IF=0.169**
9. Bareirros J., **Raykov.V** 2015. Lethal lesions and amputation caused by plastic debris and fishing gear on the loggerhead turtle *Caretta caretta* (Linnaeus, 1758). Three case reports from Terceira Island, Azores (NE Atlantic) *Marine Pollution Bulletin* 07/2014; 86:518-522. DOI: 10.1016/j.marpolbul.2014.07.020 **IF=2.991**
10. Lisickov K, **Raykov V**, Kuvendzиеv S, I 2009 Application of modern precise ecotechnology process for separation of fish oil from animal samples. *Journal of Env.Protection and Ecol.*, (3) 760 -773 ISSN 1311-5065 **IF=0.169**

11. Yankova, M. **Raykov, V.** Gerdzhikov, D. Bogomilova, P. Growth and Length-Weight Relationships of the Horse Mackerel, *Trachurus mediterraneus ponticus* (Aleev, 1956), in the Bulgarian Black Sea Coast. *Turkish Journal of Zoology*, (2010) Volume 34, Issue 1, 1-8: 1303-6114 ISSN: 1300-0179 E-ISSN **IF=0.647**
12. Panayotova M., V. **Raykov, V.** Maximov, Gh. Radu, E. Anton Distribution, abundance and population structure of turbot (*Psetta maxima* l.) in the Bulgarian and Romanian Black Sea area in spring 2010 *Compt. rend. Acad. bulg. Sci.*, tome 65, no 1, 2012, 63-66 ISSN 1310–1331 (Print) ISSN 2367–5535 **IF=0.182**
13. Panayotova M., V. **Raykov, V.** Ivanova, I. Dobrovolev Landings, distribution, size structure and genetics of pontic shad (*Alosa immaculata* bennett, 1835) in the Bulgarian Black Sea area *Journal of Environmental Protection and Ecology* 13, No 3A, 1856–1864 (2012) ISSN 1311-5065 **IF=0.259**
14. Panayotova M. D., V. S. **Raykov, V.**, V. R. Todorova — Turbot (*Psetta maxima* L.) Abundance Indices and Stock Dynamics of Bulgarian Black Sea Coast During the Period 2006-2009. 2012 *Acta zoologica bulgarica* 64(1): 85-91. ISSN: 0324-0770 **IF=0.309**
15. Radu, Gh. Eugen, A. Golumbeanu, M. **Raykov, V.** Yankova, M. Panayotova, M. Shlyahov, Vl. Zengin, M. 2011. S000tate of the main Black Sea commercial fish species correlated with ecological conditions and fishing effort. *Journal of Environmental protection and Ecology* 12(2):549-557 ISSN 1311-5065 **IF=0.102**
16. Yankova M., Pavlov, D. **Raykov V.**, Michneva V., Radu Gh., 2011. Length-Weight Relationships of Ten Fish Species from the Bulgarian Black Sea waters. *Turkish Journal of Zoology*, 35 (2): 265 – 270 ISSN: 1300-0179 E-ISSN **IF=0.591**
17. Pérez-Domínguez R, S. Maci, A. Courrat, M. Lepage, A. Borja, A. Uriarte, J. M. Neto, H. Cabral, V. **St.Raykov**, A. Franco, M. C. Alvarez and M. Elliott 2012: Fish-based indices to assess the ecological quality condition of estuaries and lagoons *Ecological Indicators*, Vol.23, 34-45 1470-160X (Print) 1872-7034 (Online) **IF=2.89**
18. A. Crise, H. Kaberi, J. Ruiz, A. Zatspein, E. Arashkevich, M. Giani, A.P. Karageorgis, L. Prieto, M. Pantazi, D. Gonzalez-Fernandez, M. Ribera d'Alcalà, V. Tornero, V. Vassilopoulou, X. Durrieu de Madron, C. Guieu, P. Puig, A. Zenetos, B. Andral, D. Angel, D. Altukhov, S.D. Ayata, Y. Aktan, E. Balcioglu, F. Benedetti, M. Bouchoucha, M.-C. Buia, J.-F. Cadiou, M. Canals, M. Chakroun, E. Christou, M.G. Christidis, G. Civitarese, V. Coatu, M. Corsini-Foka, S. Cozzi, A. Deidun, A. Dell'Aquila, A. Dogrammatzi, C. Dumitrache, D. Edelist, O. Ettahiri, S. Fonda-Umani, S. Gana, F. Galgani, S. Gasparini, A. Giannakourou, M.-T. Gomoiu, A. Gubanova, A.-C. Gücü, Ö. Gürses, G. Hanke, I. Hatzianestis, B. Herut, R. Hone, E. Huertas, J.-O. Irisson, M. Isinibilir, J.A. Jimenez, S. Kalogirou, K. Kapisris, V. Karamfilov, S. Kavadas, Ç. Keskin, A.E. Kideys, M. Kocak, G. Kondylatos, C. Kontogiannis, R. Kosyan, P. Koubbi, G. Kušpilic', R. La Ferla, L. Langone, S. Laroche, L. Lazar, E. Lefkaditou, I.E. Lemeshko, A. Machias, A. Malej, M.-G. Mazzocchi, V. Medinets, N. Mihalopoulos, S. Miserocchi, S. Moncheva, V. Mukhanov, G. Oaie, A. Oros, A.A. Öztürk, B. Öztürk, M. Panayotova, A. Prospathopoulos, G. Radu, V. **Raykov**, P. Reglero, G. Reygondeau, N. Rougeron, B. Salihoglu, A. Sanchez-Vidal, G. Sannino, C. Santinelli, D. Secrieru, G. Shapiro, N. Simboura, T. Shiganova, M. Sprovieri, K. Stefanova, N. Streftaris, V. Tirelli, M. Tom,

- B. Topaloglu, N.E. Topçu, K. Tsagarakis, C. Tsangaris, G. Tserpes, S. Tugçul, Z. Uysal, D. Vasile, K. Violaki, J. Xu, A. Yüksek, E. Papathanassiou, 2015. A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: the PERSEUS experience. *Marine Pollution Bulletin* dx.doi.org/10.1016/j.marpolbul.2015 **IF=2.991**
19. Yankova M., **Raykov V.** 2012 Growth, mortality and Yield-per-recruit of Horse mackerel (*Trachurus mediterraneus*) from the Bulgarian Black Sea waters *Journal of Environmental protection and Ecology* 13, No.3A,1817-1823 ISSN 1311-5065 **IF=0.259**
20. Dobrovolov I., P. Ivanova, Zh. Georgiev, M. Panayotova **V. Raykov** and V. Nikolov 2012 Allozyme Variation and Genetic Identification of Shad Species (Pisces: Clupeidae, Genus Alosa) Along Bulgarian Black Sea Coast *Acta zool. bulg.*, 64 (2), 2012: 175-183 ISSN: 0324-0770 **IF=0.309**
21. Panayotova, M. V. Marinova, V. Raykov, K. Stefanova, G. Shtereva, A. Krastev Pilot Acoustic Study Of Fish Stocks Distribution In The Northern Bulgarian Black Sea Area *Comptes Rendus De L'acad'Emie Bulgaria des Sciences* 67(7), 2014. ISSN 1310–1331 (Print) ISSN 2367–5535 **IF=0.284**

**Публикации в реферирани списания и сборници от конференции без импакт фактор:**

22. **Raykov V.** Primary management objectives for sustainable Sprat (*Sprattus sprattus* L.) stock exploitation at the Bulgarian Black Sea coast - preliminary results *J. Environmental Protection and Ecology*, 8 (2) (2007), 302-318.
23. **Raykov V.S**, V.V.Mihneva, Daskalov,G: Investigations on sprat (*Sprattus sprattus* L.) population dynamics related to its trophic base and climate change over the period 1996-2004 in Bulgarian waters of the Black Sea. *J.Environmental Protection and Ecology*, 8 (2) (2007), 319-332.
24. **Raykov V.** , Schlyakhov Vl. , Maximov ,V. , Radu, Gh., Staicu, I. , Panayotova, M , Yankova, M ,Bikarska I. 2008. 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.VI Anniversary Conferense of the Institute of zoology *Acta Zoologica Bulgarica*, Suppl.2, 305-316. ISSN: 0324-0770
25. **Raykov, V**, Yankova.M.2006 Biometric properties of the Sprat, (*Sprattus sprattus* L.) Off the Bulgarian Black Sea coast. *Cercetary marine* INCD.M.No.36, 349-362. ISSN 0250-3069.
26. **Raykov,V.**, Yankova.M.2008 Growth dynamics and mortality estimation of the Horse Mackerel (*Trachurus mediterraneus ponticus* Aleev) migrating along the Bulgarian Black Sea Coast for the period 2003 - 2005.*Proceedings of First Biannual Scientific Conference "Black Sea Ecosystem and Beyond"* 8-10 May 2006, Istanbul, 763 -771.
27. **Raykov V.St.** , M. Lepage, R.l P-Domínguez First record of oriental shrimp, *Palaemon macrodactylus* Rathbun, 1902 in Varna Lake, Bulgaria. *Aquatic Invasions* (2010) Volume 5, Supplement 1: S91-S95 doi: 10.3391/ai.2010.5.S1.019

28. **Raykov V.St**, V.V.Velikova., K.Lisickov Review of main fisheries indicators in the Black Sea for the period 1950-2008. *Natura Montegrana* 2011, 10 (3): 309-321.ISSN: 1451-5776 ; 1800-7155.
29. **Raykov V.**, V. Mihneva 2012. Diet Composition And Index Of Stomach Fullness Of Sprat (*Sprattus sprattus* L.) from Scientific Surveys (Western Black Sea) *Proceedings of International conference "Sustainable landscape planning and safe environment"*, Istanbul 21-24 June.437-442 ISBN : 978-975-561-421-2.
30. **Raykov V. St.**, M. H. Yankova 2013. Length-weight relationship of thornback ray (*Raja clavata* Linnaeus, 1758) from Bulgarian Black Sea coast. *Proceedings on fisheries and ecological problems of Azov-Black Sea region* УДК 597.317 (262.5) : 215-220 (Editor-in-chief O.A. Petrenko).
31. **Raykov.V** and Triantafillidys G. Review of Driftnet Fisheries in Bulgarian Marine and Inland Waters 2015 *Journal of Aquaculture & Marine Biology* 04/2015; J Aquac Mar Biol 2015, (2(2): 00017):1-10. DOI: 10.15406/jamb.2015.02.00017
32. **Raykov, V** 2006 From EU25 to EU27 European newsletter of fisheries and environment. IEEP, Vol.17, 10-11. ISSN 1464-6749.
33. Yankova M., **Raykov V.**, Ivanova P., Mgeladze M., Diasamidze R., Radu Gh., Nicolaev S., Agapov St., Grinchenko M., Ozturk B., Oral M., Bat L., Karpova E., Shlyakhov Vl., Boltachev Al. 2011. IUCN. Status of the Black Sea Fishes. Black Sea Commission Publication Publication, [http://www.blacksea-commission.org/\\_publications.asp](http://www.blacksea-commission.org/_publications.asp)
34. Yankova M., **Raykov V.**, Ivanova P., Mgeladze M., Diasamidze R., Radu Gh., Nicolaev S., Agapov St., Grinchenko M., Ozturk B., Oral M., Bat L., Karpova E., Shlyakhov Vl., Boltachev Al. 2011. Non native Black Sea Fishes List. Black Sea Commission Publication, [http://www.blacksea-commission.org/\\_publications.asp](http://www.blacksea-commission.org/_publications.asp)
35. Yankova M., **Raykov V.**, Ivanova P., Mgeladze M., Diasamidze R., Radu Gh., Nicolaev S., Agapov St., Grinchenko M., Ozturk B., Oral M., Bat L., Shlyakhov Vl., Boltachev Al., Karpova E. 2011. Black Sea Fishes Check List. *Black Sea Commission Publication*, [http://www.blacksea-commission.org/\\_publications.asp](http://www.blacksea-commission.org/_publications.asp)
36. Daskalov G., V. **Raykov**, M. Panayotova, G. Radu, V. Maximov, V. Shlyakhov, E. Duzgunez, H.-J.Rätz. 2009. Scientific, Technical and Economic Committee for Fisheries (STECF). Report of the SGMED-09-01 working group on the review of advice on Black Sea Stocks for 2009. EUR 23848 EN,– *Scientific and Technical Research series* – ISSN 1018-5593, ISBN 978-92-79-12605-5, DOI 10.2788/19709, 158 pp.
37. Yankova M., **Raykov V.** 2006 Morphological properties of Horse mackerel, *Trachurus mediterraneus ponticus* Aleev, 1956 (Osteichthyes: Carangidae) from the Black Sea. *Turkish Journal of Fisheries and Aquatic Sciences* 6: 85-91 (2006) ISSN 1303-2712.
38. Yankova Hr. M, **Raykov.St. V.**, Frateva B.P. Diet Composition of Horse Mackerel, *Trachurus mediterraneus ponticus* Aleev, 1956 (Osteichthyes: Carangidae) in the Bulgarian Black Sea Waters. *Turkish Journal of Fisheries and Aquatic Sciences* 8: 321-327 (2008).ISSN 1303-2712.
39. Trayanov T., **Raykov V.**, Marinova V., Mihneva V., Yankova M., 2007. Marine protected areas in the Northern part of the Bulgarian Black Sea shelf. *J.Environmental Protection and Ecology* 8, 3, 115-127. ISSN 1311-5065.
40. Yankova, M. **Raykov. V.** 2006 Approximate assessment of the natural mortality rate of the horse mackerel, *Trachurus mediterraneus ponticus* Aleev in the Bulgarian Black Sea territorial waters. *Cercetary marine* I.N.C.D.M.No.36, 341-348. ISSN 0250-3069.

41. Mihneva.V, Grishin, A, Michailov.K, Daskalov.G., **Raykov V.** Investigations on the competitive relations between *Mnemiopsis leidy* and anchovy (*Engraulis engrasicolus*) in the Bulgarian Black Sea waters based on stomach content analysis during the summers of 2003-2004. *Acta Zoologica Bulgarica Suppl.*2, 2008: 283-292.ISSN: 0324-0770.
42. Lisichkov K., S. Kuvendzиеv., **V.Raykov** Application of no conventional biosorbents for separation of heavy metals from aqueous solutions. *Proceedings of IVth Symposium "Recycling technologies and sustainable development"* (2009), 347 – 351. ISSN 1451-9372.
43. Zaharia T, Maximov V, Micu D, Golumbeanu M, **Raykov V** 2007 Measures for implementing the management plan for the Romanian marine reserve Vama-Veche-2Mai. *J.Environmental Protection and Ecology* 8(3): 679-687. ISSN 1311-5065
44. Lisichkov K, Kuvendzиеv S., **Raykov V.** 2008 Design of the automatic control for the process of biological treatment of waste water. *Proceedings of IFR Vol.*27, 56-60.ISSN:0204-7764
45. Kuvendzиеv S, Lisichkov K, **Raykov V** Modeling of partial segments in the process of gasification of agricultural biomass. *Cont.Agr.Engng.*Vol.35,No.4, 228-238 (2009).ISSN: 0350-2953 UDK:336.645
46. Radu Gh., Nicolaev S., Anton E., Yankova M., Panayotova M., **Raykov V.** 2010. Sprat and turbot fisheries in the Bulgarian and Romanian Black Sea area. *Cercetari marine. Recherches marines*, INCDM, Nr. 39, 191-210. ISSN:0250-3069, Cod CNCSIS: 74
47. **Raykov.V.**, Bareirros.P. Records of predatory, con specific and human induced mauls on fishes from the Northeast Atlantic and Black Sea *Journal of the Black Sea/ Mediterranean Environment* Vol.21(3) ISSN: 1304-9550 in press.(с писмо от редакцията - приета за печат).
- 47a. Писмо от редакцията на *Journal of the Black Sea/ Mediterranean Environment*
48. **Raykov, V.** Yankova, M. Panayotova, M. Radu, Gh. Maximov, V. 2009. Prediction modeling and reference conditions for sprat and turbot exploitation in EU waters of the Black Sea. "*Cercetari Marine - Recherche marines*" v. 39/2010 ISSN 0250-3069: 259-280.

#### Глави от книга:

49. **Raykov, V.**, Bikarska, I Marine living resource management and fishing effort control in view of socio - economic reality – alternatives and measures. IGI Global DOI: 10.4018/978-1-60960-621-3 ISBN13: 978-1-60960-621-3 ISBN10: 1-60960-621-3 EISBN13: 978-1-60960-622-0

#### Студии:

50. Куманцов. М, В.Райков 2012: История развития рыболовства в Болгарии (Ред. Доктор Био.Наук В.Кузнецов и Д.Ковачева) ВНИРО, Москва, 64 стр. ISBN 978-5-85382-378-5