УНИВЕРЗИТЕТ У БЕОГРАДУ
ИНСТИТУТ ЗА МУЛТИДИСЦИПЛИНАРНА ИСТРАЖИВАЊА
БЕОГРАД

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НАУЧНОМ ВЕЋУ
ИНСТИТУТА ЗА МУЛТИДИСЦИПЛИНАРНА ИСТРАЖАВАЊА
УНИВЕРЗИТЕТА У БЕОГРАДУ
БЕОГРАД

Одлуком Научног већа Универзитета у Београду - Института за мултидисциплинарна истраживања, донетој на седмој седници одржаној 11.06.2024. године именовани смо за чланове Комисије за оцену научно-истраживачког рада **др Горчина Цвијановића, научног сарадника** Универзитета у Београду - Института за мултидисциплинарна истраживања и утврђивања испуњености услова за његов **избор** у звање **виши научни сарадник**.

На основу анализе приложене документације и увида у резултате научно-истраживачког рада кандидата подносимо Научном већу, Универзитета у Београду - Института за мултидисциплинарна истраживања следећи:

И З В Е Ш Т А Ј

1. БИОГРАФИЈА

Горчин Цвијановић је рођен 03. новембра 1978. године у Београду, где је завршио основно и средње образовање. Школске 1997/98. године уписао је студије на смеру Екологија и заштита животне средине, Биолошког факултета Универзитета у Београду. Звање дипломирани биолог екологије и заштите животне средине стекао је децембра 2002. године, одбраном дипломског рада под називом: "Дужинско-тежински однос код букве (*Boops boops* L.)". Школске 2003/04. године је уписао последипломске (магистарске) студије на смеру Управљање животном средином у Центру за мултидисциплинарне студије Универзитета у Београду. Звање магистар наука стекао је децембра 2009. године, одбраном магистарске тезе под насловом: "Таксономске и еколошке карактеристике америчког патуљастог сома (*Ameiurus melas* Rafinesque, 1820) у сливу реке Тисе и могућности његове економске експлоатације". У јулу 2016. године одбранио је докторску дисертацију под називом "Морфолошка и генетичка диференцијација кечиге (*Acipenser ruthenus* L.) у средњем и доњем току Дунава". Од 2003. године запослен је у Центру за мултидисциплинарне студије Универзитета у Београду, сада Институт за мултидисциплинарна истраживања.

Од 2002. до 2009. године радио је као истраживач-приправник у Центру за мултидисциплинарне студије, Универзитета у Београду (сада Институт за мултидисциплинарна истраживања). У звање истраживач сарадник изабран је 2009. године. На седници одржаној 18. Јула 2017. комисија за стицање научних звања донела је одлуку о стицању научног звања, научни сарадник, др Горчина Цвијановића.

У досадашњем раду др Горчин Цвијановић је учествовао у реализацији 16 домаћих и међународних научних пројеката, као и у раду већег броја домаћих и међународних стручних и научних конференција.

2. БИБЛИОГРАФИЈА

Досадашња библиографија др Горчина Цвијановића обухвата **78** библиографских јединица са укупно **181,5** поена и укупним импакт фактором (**ИФ**) који износи **45,608**. Кандидат је до сада објавио **двадесет и шест** научних радова у међународним часописима и то два рада у међународним часописима изузетних вредности (категорије М21а), пет радова у врхунским међународним часописима (категорије М21), пет радова у истакнутим међународним часописима (категорије М22) и четрнаест радова у међународним часописима (категорије М23).

2.1. БИБЛИОГРАФИЈА ПРЕ ИЗБОРА У ЗВАЊЕ НАУЧНИ САРАДНИК

Библиографија др Горчина Цвијановића пре избора у звање научни сарадник обухвата **47** библиографских јединица са укупно **127,5** поена и укупним **ИФ = 27,432**. Публикације припадају следећим категоријама 1 x М21а; 4 x М21; 5 x М22; 9 x М23; 2 x М14; 6 x М33; 14 x М34; 1 x М71. Нормиран/укупан број поена приказани су у колони десно.

***2.1.1. Радови у међународном часопису изузетних вредности (М21а*; 10 поена)**

1. Jarić, I., **Cvijanović, G**, Knežević-Jarić, J., Lenhardt, M. (2012). Trends in fisheries science from 2000 to 2009: a bibliometric study. Reviews in Fisheries Science 20(2), 70-79. **DOI:** 10.1080/10641262.2012.659775 (**IF_{2012}=2,417**) — 10/10

2.1.2. Радови у врхунском међународном часопису (М21; 32 поена)

2. Jarić, I., Smederevac-Lalić, M., Jovičić, K., Jaćimović, M., **Cvijanović, G.**, Lenhardt, M., Kalauzi, A. (2016). Indicators of unsustainable fishery in the Middle Danube. Ecology of Freshwater Fish 25(1), 86-98. **DOI:** 10.1111/eff.12193 (**IF_{2015}=2,052**) — 8/8

3. Jarić, I., Jaćimović, M., **Cvijanović, G.**, Knežević-Jarić, J., Lenhardt, M. (2015). Demographic flexibility influence colonization success: profiling invasive fish species in the Danube River by the use of population models. Biological Invasions 17(1), 219-229. DOI: 10.1007/s10530-014-0721-2 (**IF_{2015}=2,855**) — 8/8

4. Jarić, I., Višnjić-Jeftić, Ž., **Cvijanović, G.**, Gačić, Z., Jovanović, Lj., Skorić, S., Lenhardt, M. (2011). Determination of differential heavy metal and trace element accumulation in liver, gills, intestine and muscule of sterlet (Acipenser ruthenus) from the Danube River in Serbia by ICP-OES. Microchemical Journal 98(1), 77-81. **DOI**: 10.1016/j.microc.2010.11.008 (**IF_{2011}=3,048**) — 8/8

5. Poleksić, V., Lenhardt, M., Jarić, I., Djordjević, D., Gačić, Z., **Cvijanović, G.**, Rašković, B. (2010). Liver, gills, and skin histopathology and heavy metal content of the Danube sterlet (Acipenser ruthenus Linnaeus, 1758). Environmental Toxicology and Chemistry 29(3), 515-521. **DOI**: 10.1002/etc.82 (**IF_{2010}=3,026**). — 8/8

2.1.3. Радови у истакнутом међународном часопису (М22; 24,1 поена)

6. Jarić, I., **Cvijanović, G.** (2012). The tens rule in invasion biology: measure of a true impact or our lack of knowledge and understanding? Environmental management 50(6), 979-981. **DOI**: 10.1007/s00267-012-9951-1 (**IF$_{2013}$=2,335**) 5/5

7. Jarić, I., **Cvijanović, G.**, Hegediš, A., Lenhardt, M. (2012). Assessing the range of newly established invasive species in rivers using probabilistic methods. Hydrobiologia 680(1), 171-178. **DOI**: 10.1007/s10750-011-0914-y (**IF$_{2013}$=2,212**) 5/5

8. Jarić, I., Lenhardt, M., Pallon, J., Elfman, M., Kalauzi, A., Suciu, R., **Cvijanović, G.**, Ebenhard, T. (2011). Insight into Danube sturgeon life history: trace element assessment in pectoral fin rays. Enviromental Biology of Fishes 90(2), 171-181. **DOI**: 10.1007/s10641-010-9728-4 (**IF$_{2012}$=1,305**) 4,1/5

9. Smederevac-Lalić, M., Jarić, I., Višnjić-Jeftić, Ž., Skorić, S., **Cvijanović, G.**, Gačić, Z., Lenhardt, M. (2011). Management approaches and aquaculture of sturgeons in the Lower Danube region countries. Journal of Applied Ichthyology 27, 94-100. **DOI**: 10.1111/j.1439-0426.2011.01859.x (**IF$_{2010}$=0,945**) 5/5

10. Lenhardt, M., Jarić, I., Kalauz, A., **Cvijanović, G**. (2006). Assessment of extintion risk and reasons for decline in sturgeon. Biodiversity and Conservation 15(6), 1967-1976. **DOI:** 10.1007/s10531-005-4317-0 (**IF$_{2006}$=1,423**) 5/5

2.1.4. Радови у међународном часопису (М23; 27 поена)

11. **Cvijanović, G.**, Adnađević, T., Lenhardt, M., Marić, S. (2015). New data on sterlet (Acipenser ruthenus L.) genetic diversity in the Middle and Lower Danube Sections, based on mitochondrial DNA analyses. GENETIKA-BELGRADE 47(3), 1051-1062. **DOI**: 10.2298/GENSR1503051C (**IF$_{2014}$=0,347**) 3/3

12. Lenhardt, M., Smederevac-Lalić, M., Djikanović, V., **Cvijanović, G.**, Vuković-Gačić, B., Gačić, Z., Jarić, I. (2014). Biomonitoring and genetic analysis of sturgeons in Serbia: A contribution to their conservation. Acta Zoologica Bulgarica 69-73. **ISSN**: 0324-0770 (**IF$_{2014}$=0,532**) 3/3

13. Skorić, S., **Cvijanović, G.**, Kohlmann, K., Hegediš, A., Jarić, I., Lenhardt, M. (2013). First record of hybrid striped bass (Morone saxatilis x Morone chrysops) in the Danube River. Journal of Applied Ichthyology 29(3), 668-670. **DOI**: 10.1111/jai.12152 (**IF$_{2013}$=0,903**) 3/3

14. Lenhardt, M., Jarić, I., **Cvijanović, G.**, Kolarević, J., Gačić, Z., Smederevac-Lalić, M., Višnjić-Jeftić, Ž. (2012). Comparison of morphological characters between wild and cultured sterlet (Acipenser ruthenus L.). Slovenian Veterinary Research 49(4), 177-184. **ISSN**: 1580- 3/3

4003 (**IF$_{2012}$=0,647**)

15. **Cvijanović, G.**, Cvijanović, M., Jarić, I., Lenhardt, M. (2012). Use of shape analysis in the investigation of disputable meristic characters for Ameiurus melas (Rafinesque, 1820) and Ameiurus nebulosus (Lesueur, 1819). Journal of Applied Ichthyology 28(4), 617-622. **DOI**: 10.1111/j.1439-0426.2012.02009.x (**IF$_{2013}$=0,903**) 3/3

16. Jarić, I., Lenhardt, M., **Cvijanović, G.**, Ebenhardt, T. (2009). Acipenser sturion and Acipenser nudiventris in the Danube – extant or extinct? Journal of Applied Ichthyology 25(2), 137-141. **DOI**: 10.111/j.1439-0426.2009.01227.x (**IF$_{2009}$=1,121**) 3/3

17. Jarić, I., Lenhardt, M., **Cvijanović, G.**, Ebenhard, T. (2009). Population viability analysis and potential of its application to Danube sturgeons. Archive of Biological Sciences 61(1), 123-128. **DOI**: 10.2298/ABS0901123J (**IF$_{2010}$=0,356**) 3/3

18. Lenhardt, M., Jarić, I., Cakić, P., **Cvijanović, G.**, Gačić, Z., Kolarević, J. (2009). Seasonal changes in condition, hepatosomatic index and parasitism in sterlet (Acipenser ruthenus L.). Turkish Journal of Veterinary & Animal Sciences 33(3), 209-214. **DOI**: 10.3906/vet-0710-14 (**IF$_{2009}$=0,342**) 3/3

19. Hegediš, A., Lenhardt, M, Mićković, B., **Cvijanović, G.**, Jarić, I., Gačić, Z. (2007). Amur sleeper (Perccottus glenii Dubowski, 1877) spreading in the Danube River basin. Journal of Applied Ichthyology 23(6), 705-706. **DOI**: 10.1111/j.1439-0426.2007.00867.x (**IF$_{2007}$=0,663**) 3/3

2.1.5. Монографска студија/поглавље у књизи М12 или рад у тематском зборнику водећег међународног значаја М14 (М14; 8 поена)

20. Jarić, I., Knežević Jarić, J., **Cvijanović, G.**, Lenhardt, M. (2011). Implementing population viability analysis into fisheries management. In: J.S. Intilli (ed.), Fishery Management. Nova Science Publishers Inc., New York, pp. 43-60. ISBN: 978-1-61209-682-7 4/4

21. Lenhardt, M., Jarić, I., **Cvijanović, G**. and Smederevac-Lalić, M. (2008) The key threats to sturgeons and measures for their protection in the Lower Danube Region. In: Lagutov, V. (ed.), Rescue of sturgeon species in the Ural River Basin. Springer Science, 87-96. 4/4

2.1.6. Саопштење са међународног скупа штампано у целини (М33; 6 поена)

22. **Cvijanović, G.**, Kašpar, V., Lenhardt, M. (2015). Comparative shape analysis of wild and reared sterlet (Acipenser ruthenus L.). Conference proceedings of 7th International Conference ''Water & Fish'', Faculty of Agriculture, Belgrade-Zemun, Serbia, 10-12 Jun 2015, 114-119. 1/1

23. Smederevac-Lalić, M., Zarić, V., Hegediš, A., Lenhardt, M., Mićković, B., Višnjić-Jeftić, Ž., Pucar, M., **Cvijanović, G.** (2013). The marketing channels of fish caught in large Serbian rivers. Conference proceedings of 6th 1/1

International Conference ''Water & Fish'', Faculty of Agriculture, Belgrade-Zemun, Serbia, 12-14 Jun 2013, 457-462.

24. Smedereavc-Lalić, M., Regner, S., Hegediš, A., Kalauzi, A., Višnjić-Jeftić, Ž., Pucar, M., **Cvijanović, G.**, Lenhardt, M. (2011). Commercial fisheries on Danube in Serbia. Conference proceedings of 5th International Conference ''Aquaculture & Fishery'', Faculty of Agriculture, Belgrade-Zemun, Serbia, 1-3 Jun 2011, 189-194 — 1/1

25. **Cvijanović, G.**, Lenhardt, M., Hegediš, A., Gačić, Z., Jarić, I. (2008). Ameiurus melas (Rafinesque, 1820) – pest or possibility. Proceedings of the EIFAC Symposium on Interactions Between Social, Economic and Ecological Objectives of Inland Commercial and Recreational Fisheries and Aquaculture, Antalya, Turkey, 21-24 May 2008, 56-63. — 1/1

26. Lenhardt, M., Jarić, I., Bojović, D., **Cvijanović, G.**, Gačić, Z. (2006). Past and current status in the Serbian part of the Danube River. Proceedings 36th International Conference of IAD, 148-151. Austrian Committee Danube Research / IAD, Vienna. — 1/1

27. Lenhardt, M., Kolarević, J., Jarić, I., **Cvijanović, G.**, Poleksić, V., Mićković, B., Gačić, Z., Cakić, P., Nikčević, M. (2004). Assessment concepts for river ecosystems characterization based on sterlet (Acipenser ruthenus L.) population research. Proceedings of the Fifth International Symposium on Ecohydraulics ''Aquatic habitats: analysis & restoration''. Madrid, 12th-17th September, 153-156. — 1/1

2.1.7. Саопштење са међународног скупа штампано у изводу (М34; 7 поена)

28. Lenhardt, M., Jarić, I., Skorić, S., Smederevac-Lalić, M., **Cvijanović, G.**, Djikanović, V., Višnjić-Jeftić, Z., Hegediš, A., Mićković, B., Nikčević, M., Jovičić, K., Jaćimović, M., Gačić, Z. (2014). Different possibilities for tracking sturgeon migration and habitat mapping in the Danube river. International Congress on the Biology of Fish. 3-7 August, 2014. Heriot-Watt University, Edinburgh. Book of abstracts, p. 142 – 143. — 0,5/0,5

29. **Cvijanović, G.**, Adnađević, T., Jarić, I., Lenhardt, M. (2012). Use of genetic in monitoring and management of sterlet (Acipenser ruthenus) in the Lower and Middle Danube River – lack of funding or a lack of cooperation? Utilization of genetic approaches for effective conservation of endangered species, Regional Workshop, March 14-16, Debrecen, Hungary, p. 18. — 0,5/0,5

30. Lenhardt, M., Gačić, Z., Vuković-Gačić, B., Jarić, I., Višnjić-Jeftić, Ž., **Cvijanović, G.**, Nikčević, M. (2010). Status of rivers in Serbian based on ichthyological investigation. Abstract book, International Conference ''Natural and Artificial Ecosystems in the Some-Cris-Mures-Tisa river Basins'', May 7-8, Arad, Romania, p. 83. — 0,5/0,5

31. **Cvijanović, G.**, Adnađević, T., Bugarski-Stanojević, V., Lenhardt, M. (2009). Optimisation and standardization of primers for sterlet (Acipenser — 0,5/0,5

ruthenus) and (Huso huso) microsatellite loci. IV Congress of the Serbian genetic society, Abstract, Tara, Serbia, Jun 1-5, 23.

32. Jarić, I., Đorđević, D., Lenhardt, M., Gačić, Z., Smederevac-Lalić, M., **Cvijanović, G.**, Skorić, S. (2009). Heavy metal accummulation in sterlet (Acipenser ruthenus L.) from the Danube and Tisza rivers: concetracion and distribution patterns in different tissues. Book of abstracts, REP-Lecotex 2nd Workshop ''Trends in Ecological Risk Assessment'', Novi Sad, Serbia, 21-23 September 2009, p. 41. 0,5/0,5

33. Smederevac-Lalić, M., Jarić, I., Višnjić-Jeftić, Ž., Skorić, S., **Cvijanović, G.**, Gačić, Z., Lenhardt, M. (2009). Status of sturgeon populations in Lower Danube Region and possibilities for their better investigation and protection. Conference proceedings, International Workshop on the Restoration of Fish Populations, Düsseldorf, Germany, 01-05 September 2009, p. 70. 0,5/0,5

34. Lenhardt, M., Gyore, K., Smederevac-Lalić, M., Hegediš, A., Mićković, B., Gačić, Z., Jarić, I., **Cvijanović, G.**, Višnjić-Jeftić, Ž. (2008). Activity plan for the conservation of sterlet (Acipenser ruthenus L.) in Serbia and Hungary. XXXII Scientific Conference on Fisheries and Aquaculture; Proceedings of the International Workshop on Sturgeon Conservation and Breeding, Szarvas, Hungary, 15-16 May 2008, 49-50. 0,5/0,5

35. Lenhardt, M., Poleksić, V., **Cvijanović, G.**, Jarić, I., Višnjić-Jeftić, Ž., Smederevac-Lalić, M., Hegediš, A., Gačić, Z., Mićković, B. (2008). Histopathological analyses of sterlet (Acipenser ruthenus L.) vital organs as indicators of population condition. XXXII Scientific Conference on Fisheries and Aquaculture; Proceedings of the International Workshop on Sturgeon Conservation and Breeding, Szarvas, Hungary, 15-16 May 2008, 47-48. 0,5/0,5

36. Lenhardt, M., Djordjević, D., Sakan, S., Jarić, I., Višnjić-Jeftić, Ž., **Cvijanović, G.**, Smederevac-Lalić, M., Hegediš, A., Gačić, Z., Mićković, B. (2008). Heavy metal analyses of sterlet (Acipenser ruthenus L.) from Danube and Tisza River. XXXII Scientific Conference on Fisheries and Aquaculture; Proceedings of the International Workshop on Sturgeon Conservation and Breeding, Szarvas, Hungary, 15-16 May 2008, 45-46. 0,5/0,5

37. Lenhardt, M., Hegediš, A., Gačić, Z., Jarić, I., **Cvijanović, G.**, Smederevac-Lalić, M., Višnjić-Jeftić, Ž., Mićković, B. (2008). Status of sterlet (Acipenser ruthenus) in Serbia. XXXII Scientific Conference on Fisheries and Aquaculture; Proceedings of the International Workshop on Sturgeon Conservation and Breeding, Szarvas, Hungary, 15-16 May 2008, 15-16. 0,5/0,5

38. Smederevac-Lalić, M., Lenhardt, M., Hegediš, A., **Cvijanović, G.**, Jarić, I., Gačić, Z., Cvejić, S. (2008). Socio-economic character and importance of fisheries on Danube between Serbia and Croatia. Proceedings of the EIFAC Symposium on Interaction Between Social, Economic and Ecological Objectives of Inland Commercial, Recreational Fisheries and Aquaculture, Antalya, Turkey, 21-24 May 2008. Book of abstracts: 35-36. 0,5/0,5

39. Lenhardt, M., Hegediš, A., **Cvijanović, G.**, Jarić, I., Gacic, Z., Mickovic, B. (2006). Non-native frshwater fishes in Serbia and their impacts to native fish species and ecosystems. European Geosciences Union General Assembley 2006, Vienna, Austria, 02-07 April 2006. Geophysical Research Abstract, Vol. 8, 07727. — 0,5/0,5

40. Lenhardt, M., **Cvijanović, G.**, Kolarević, J., Jarić, I., Cakić, P. (2004). Changes of sterlet (Acipenser ruthenus L.) population age structure in the Danube River during last half of twentieth century. Book of abstracts, 22nd International Biophysics Simposium, Sveti Stefan, Serbia and Montenegro, 9th-14th October, W2:P6. — 0,5/0,5

41. Lenhardt, M., Prokus, M., Jaric, I., Barus, V., Kolarević, J., Krupka, I., **Cvijanovic, G.**, Cakic, P., Gacic, Z. (2004). Comparative analysis of morphometric characters of juvenile sterlet (Acipenser ruthenus L.) from natural population and aquaculture. Nature and culture: Comparative Biology and Interactions of Wild and Farmed Fish. The Fisheries Society of the British Isles. Annual International Symposium, Imperial College, London, England, 19-23 July 2004. Book of abstracts, p. 26. — 0,5/0,5

2.1.6. Рад у врхунском часопису националног значаја (М51; 1,6 поена)

42. Lenhardt M., Hegediš A., Mićković B., Višnjić-Jeftić Ž., Smederevac M., Jarić I., **Cvijanović G**., Gačić Z. (2006). First record of the North American paddlefish (*Polyodon spathula* Walbaum, 1792) in the Serbian part of the Danube River. *Archives of Biological Sciences*, Belgrade 58(3), 27-28. **DOI**: 10.2298/ABS060327PL — 1,6/2

2.1.7. Рад у научном часопису (М53; 1,8 поена)

43. Lenhardt, M., Jarić, I., Kolarević, S., Vuković-Gačić, B., Knežević-Vukčević, J., **Smederevac-Lalić, M.**, Cvijanović, G., Gačić, Z. (2016). Impact of human activities on the status of the Danube River in Serbia: microbiological and ichthyofaunistic studies. Acta Oecologica Carpatica 9, 151-176. — 0,8/1

44. Lenhardt M., Hegediš A., Cvejić S., **Cvijanović G**., Smederevac M. (2006). Diversity and Status of Fish Stock in Special Reserve of Nature "Gornje Podunavlje". *Ecologica* 13(12), 21-25. — 1/1

2.1.8. Саопштење са националног скупа штампано у целини (М63; 1 поена)

45. Đikanović, V., Skorić, S., **Cvijanović, G.,** Smederevac-Lalić, M., Višnjić-Jeftić, Ž., Pucar M., Hegediš A. (2013). Karakteristike ribolovnog resursa u vodama na teritoriji Beograda. 42. konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2013“, Perućac, 4. - 6. jun 2013. Zbornik radova: 45-52. — 1/1

2.1.9. Одбрањен магистарски рад (М72; 3 поена)

46. Цвијановић, Г. (2009). Таксономске и еколошке карактеристике црног америчког патуљастог сома (*Ameiurus melas* Rafinesque, 1820) у сливу реке Тисе и могућност његове економске експлоатације. Универзитет у Београду, pp 87. — 3/3

2.1.10. Одбрањена докторска дисертација (М71; 6 поена)

47. **Цвијановић, Г.** (2016). Морфолошка и генетичка диференцијација кечиге (Acipenser ruthenus L.) у средњем и доњем току Дунава. Биолошки факултет, Универзитет у Београду, pp 97. 6/6

2.2. БИБЛИОГРАФИЈА НАКОН ИЗБОРА У ЗВАЊЕ НАУЧНИ САРАДНИК

Библиографија др Горчина Цвијановића након избора у звање научни сарадник обухвата **31** библиографских јединица са укупно **54** поена и укупним **ИФ = 18,176**. Публикације припадају следећим категоријама 2 x М13;1 x М21a; 1 x М21; 5 x М23; 1 x М33; 9 x М34; 2 x М52; 2 x М63; 8 x М64. Нормиран/укупан број поена приказани су у колони десно.

***2.2.1. Монографска студија/поглавље у књизи М11 или рад у тематском зборнику водећег међународног значаја (М13;* 11,3 *поена*)**

48. Lenhardt, M., Smederevac-Lalić, M., Hegediš, A., Skorić, S., **Cvijanović, G.**, Višnjić-Jeftić, Ž., Đikanović, V., Jovičić, K., Jaćimović, M., Jarić, I. (2020). Human Impacts on Fish Fauna in the Danube River in Serbia: Current Status and Ecological Implications, In: Bănăduc D., Curtean-Bănăduc A., Pedrotti F., Cianfaglione K., Akeroyd J. (eds) Human Impact on Danube Watershed Biodiversity in the XXI Century. Geobotany Studies (Basics, Methods and Case Studies), pp. 257-279. Springer, Cham. **DOI**: 10.1007/978-3-030-37242-2_13 4,3/7
49. **Cvijanović, G.**, Đikanović, V., Galambos, L., Pengal, P., Smederevac-Lalić, M. (2023). Past and Future of Sturgeon Species (Acipenseridae) in West Balkans: Case for Permanent Conservation or Sustainable Management. In: Simić, V., Simić, S., Pešić, V. (eds) Ecological Sustainability of Fish Resources of Inland Waters of the Western Balkans. Fish & Fisheries Series, vol 43. Springer, Cham. **DOI**: 10.1007/978-3-031-36926-1_10 7/7

2.2.1. Радови у међународном часопису изузетних вредности (М21а; 10 поена)

50. Jarić, I., Lennox, R.J., Kalinkata, G., **Cvijanović, G..** Radinger, J. (2019). Susceptibility of European freshwater fish to climate chnage: Species profiling based on life-history and enviromental characteristics. Global Change Biology, 25(2): 448-458. **DOI:** 10.1111/gcb.14518. (**IF_{2020}=10,863**) 10/10

2.2.2. Радови у врхунском међународном часопису (М21; 6,6 поена)

51. Jaćimović, M., Smederevac-Lalić, M., Nikolić, D., **Cvijanović, G.**, Spasić, S., Višnjić-Jeftić, Ž., Skorić, S., Krpo-Ćetković, J. (2023). Changes to fish assemblage following the selective removal of black bullhead (*Ameiurus melas*). Aquatic Conservation: Marine and Freshwater Ecosystems, 33 (9): 981-994. **DOI**: 10.1002/aqc.3986 **(IF_{2021}=3,258)** 6,6/8

2.2.3. Радови у међународном часопису (М23; 15 поена)

52. Nikolić, D., Skorić, S., **Cvijanović, G.**, Jaćimović, M., Đikanović, V., Mićković, B. (2021). Morphometric and meristic characteristics of the Amur sleeper (Perccottus glenii) from the Danube River drainage channel. Archives of Biological Sciences, 73(3):381-388. **DOI**: 10.2298/ABS210413031N (**IF_{2020}=0,956**) 3/3

53. Jarić, I., Bronzi, P., **Cvijanović, G.**, Lenhardt, M., Smederevac-Lalić, M., Gessner, J. (2019). Paddlefish (Polyodon spathula) in Europe: an aquaculture species and a potential invader. Journal of Applied Ichthyology, 35(1), 267-274. **DOI**: 10.1111/jai.13672 (**IF_{2020}=0,956**) 3/3

54. Skorić, S., Mićković, B., Nikolić, D., Hegediš, A., **Cvijanović, G.** (2017). A Weight-length Relationship of the Amur Sleeper (Perccottus glenii Dybowski, 1877) (Odontobutidae) in the Danube River Drainage Canel, Serbia. Acta Zoologica Bulgarica, 9, 155-159. **ISSN**: 0324-0770 (**IF_{2017}=0,455**) 3/3

55. **Cvijanović, G.,** Adnađević, T., Jarić, I., Lenhardt, M., Marić, S. (2017). Genetic analysis of sterlet (Acipenser ruthenus L.) populations in the Middle and Lower Danube sections. North-Western Journal of Zoology 13(1), 34-43. **ISSN**: 1584-9074 (**IF_{2018}=0,843**) 3/3

56. Nikčević, M., Skorić, S., **Cvijanović, G.**, Mićković, B., Hegediš, A. (2016). First record of smoltified rainbow trout Oncorhynchus mykiss (Walbaum, 1792) in the main riverbed of the Serbain part of the Danube River. Journal of Applied Ichthyology 32(6), 1235-1236. **DOI**: 10.1111/jai.13230 (**IF_{2016}=0,845**) 3/3

2.2.3. Саопштење са међународног скупа штампано у целини (М33; 1 поен)

57. Nikolić D., Skorić S., **Cvijanović G.**, Jaćimović M., Jovičić K., Hegediš A., Krpo-Ćetković J. (2018). Assessment of fish species diversity and water quality in five reservoirs in Serbia based on the Shannon's diversity index. VIII International conference "Water & Fish" – Conference Proceedings, 226-231. 1/1

2.2.4. Саопштење са међународног скупа штампано у изводу (М34; 4,5 поена)

58. Đikanović V., Skorić S., **Cvijanović G.**, Nikolić D., Jaćimović M., Nikčević M., Mićković B. (2019). Biometry and diet of Perccottus glenii Dybowski, 1877 found in stagnant water nearby Veliko Gradište (Northeastern Serbia). International Conference Adriatic Biodiversity Protection – AdriBioPro 2019. Kotor, Montenegro, 07-10. April, 2019, Book of Abstracts: pp. 110. 0,5/0,5

59. Smederevac-Lalić M., Regner S., Nikolić D., **Cvijanović G.**, Jaćimović M., Hegediš A., Lenhardt M. (2019). Review of allochthonous fish species with the marine origin in Serbian freshwater system. International Conference Adriatic Biodiversity Protection – AdriBioPro2019. Kotor, Montenegro, 07.-10. April, 2019, Book of Abstracts: pp. 116. 0,5/0,5

60. Hont S., Paraschiv M., Finn Ø., **Cvijanović G.**, Smederevac-Lalić M., Lenhardt M., Hoedl E., Iani M. (2021). Preliminarzresults on the assessment of

Danube River fish species migration behavior in relation to Iron Gate I and II dam using acoustic telemetry equipment. 28th scientific symposium "Deltas & Wetlands DDNI International Symposium" 13-18 September 2021, Tulcea – Romania, 0,5/0,5

61. Jaćimović M., Smederevac-Lalić M., Nikolić D., **Cvijanović G.**, Spasić S., Višnjić-Jeftić Ž., Skorić S., Krpo-Ćetković J. (2022). Effects of selective removal of the black bullhead (*Ameiurus melas*) on other non-native fish populations in the Ponjavica Nature Park (Serbia). Joint ESENIAS and DIAS Scientific Conference and 11th ESENIAS Workshop Invasive alien species under condition of global crisis", 13-15 November 2022, GDFA, MFRPTI, IBER-BAS, ESENIAS, Demre, Antalya, Turkiye, 109 pp. 0,5/0,5
62. Smederevac-Lalić M., Skorić S., Nikolić D., **Cvijanović G.**, Jaćimović M., Hegediš A. (2022). Still eels in Serbia? International Conference Adriatic Biodiversity Protection – AdriBioPro2022. Kotor, Montenegro, 13.-17. June, 2022, Book of Abstracts: pp. 85. 0,5/0,5
63. Jaćimović M., Nikolić D., **Cvijanović G.**, Višnjić-Jeftić Ž., Skorić S., Smederevac-Lalić M. (2023). Results of selective removal of the black bullhead (*Ameiurus melas*) in two different lentic system. Joint ESENIAS and DIAS Scientific Conference and 12th ESENIAS Workshop "Globalisation and invasive alien species in the Black Sea and Mediterean regions – management challenges and regional cooperation", 11-14 October 2023, Varna, Bulgaria. IBER-BAS, ESENIAS, DIAS, pp 126. 0,5/0,5
64. Smederevac-Lalić M., **Cvijanović G.**, Lenhardt M., Nikolić D., Nikčević M., Hont S., Paraschiv M., Iani M., Paterson R., Thorstad E., Økland F. (2023). Fish Migratory behaviour in proximity to the Iron Gates. 5th Worlds Large Rivers Conferences. BOKU 21-25. August 2023, Vienna, Austrria, p. 99 0,5/0,5
65. Redeker M., Gatzweiler J., Baktoft H., Hont S., Iani M., Paraschiv M., Hödl E., Masliah-Gilkarov E., Cvijanović N., Milovanović M., Gessner J., Gjelland K., Økland F., Thorstad E., **Cvijanović G.**, Nikolić D., Smederevac-Lalić M. (2024). WePass Störe am Eisernen Tor Wiederherstellung der Durchgängkeit an den Staustufen Iron Gate 1 & 2 in der Unteren Donau, 33. SVK-Fischereitagung 18. und 19. März 2024, Künzell, Germany. 0,5/0,5
66. Djordjević Aleksić J., Kostić J., Sunjog K., Nikolić D., **Cvijanović G.**, Smederevac-Lalić M., Višnjić-Jeftić Ž., Jaćimović M. (2024). Early warning signals of genotoxic compounds in native and invasive fish: A case study from Sava Lake. 52nd EEMGS and 15th ICAW meeting, 23rd – 27th September 2024, Rovinj, Croatia. 0,5/0,5

2.2.5. Рад у истакнутом националном часопису (М52; 3 поена)

67. Hont S., Paraschiv M., Iani M., **Cvijanović G.**, Smederevac-Lalić M. (2022). Fish movememnt in relation to water temperature fluctuacions in the Lower Danube River Iron Gate II area. Scientific Annals of the Danube Delta Institute, 27: 41-48. **DOI**: 10.7427/ddi.27.05 — 1,5/1,5

68. Smederevac-Lalić M., Regner S., Lenhardt M., Nikolić D., **Cvijanović G.**, Jaćimović M.**,** Hegediš A. (2019). Review of allochthonous fish species with the marine origin in Serbian freshwater system. Studia Marina, 32 (1): 33-46. **DOI**: 10.5281/zendo.3274548 — 1,5/1,5

2.2.7. Саопштење са скупа националног значаја штампано у целини (М63; 1 поен)

69. Nikolić, D., Jaćimović, M., Mićković, B., Smederevac-Lalić, M., **Cvijanović, G.**, Skorić, S. (2021). Ocena ekološkog statusa pet malih akumulacija u centralnoj Srbiji na osnovu zajednice riba. 50. međunarodna konferencija o korišćenju i zaštiti voda „Voda 2021“, Zlatibor, Serbia; 22.-24. September, 2021, Zbornik radova: 151-156. — 0,5/0,5

70. Nikolić, D., Stanković, M., **Cvijanović, G.**, Nikčević, M., Radotić, K. (2023). Ispitivanje sadržaja potencijalno toksičnih elemenata i ogranskih jedinjenja u uzorku vode iz reke Pek (Ujevac, Srbija). 52. godišnja konferencija o aktuelnim problemima korišćenja i zaštite voda „Voda 2023“, Palić, Serbia: 31. Maj – 2 Jun., 2023, Zbornik radova: 97-102. — 0,5/0,5

2.2.8. Саопштење са скупа националног значаја штампано у изводу (М64; 1,6 поена)

71. **Цвијановић Г.**, Смедеревац-Лалић М., Николић Д., Параскив С., Хонт С., Јани М., Ленхардт М. (2022). Понашање скобаља (*Chondrostoma nasus*) и буцова (*Leuciscus aspius*) током узводних миграција након њихове транслокације између две бране на Ђердапу. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 141. — 0,2/0,2

72. **Цвијановић Г.**, Скорић С., Смедеревац-Лалић М., Никчевић М., Јаћимовић М., Мићковић Б., Николић Д. (2022). Анализа алометрије код плотице (*Rutilus virgo*) из акомулације Радоиња, Златар и Увац. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 142. — 0,2/0,2

73. **Цвијановић Г.**, Скорић С., Смедеревац-Лалић М., Никчевић М., Јаћимовић М., Мићковић Б., Николић Д. (2022). Дужинско-тежински однос код скобаља (*Chondrostoma nasus*) из акумулација Међувршје, Овчар и Радоиња. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 143. — 0,2/0,2

74. Николић Д., Мићковић Б., Никчевић М., **Цвијановић Г.**, Смедеревац-Лалић М., Јаћимовић М., Скорић С. (2022). Дужинско-тежински односи и фактор кондиције код бодорке (*Rutilus rutilus*) из акумулација Овчар, Међувршје, Заовине и Златар. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 148. — 0,2/0,2

75. Николић Д., **Цвијановић Г.**, Смедеревац-Лалић М., Јаћимовић М., Мићковић Б., Никчевић М., Скорић С. (2022). Дужинско-тежински односи и фактор кондиције код клена (*Squalius cephalus*) из акумулација Перућац, Власина, Кокин Брод и Спајићи. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 149. 0,2/0,2

76. Николић Д., **Цвијановић Г.**, Никчевић М., Смедеревац-Лалић М., Јаћимовић М., Скорић С. (2022). Оцена еколошког статуса реке Ибар на основу заједнице риба. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 150. 0,2/0,2

77. Николић Д., Смедеревац-Лалић М., **Цвијановић Г.**, Мићковић Б., Јаћимовић М., Скорић С. (2022). Оцена еколошког статуса реке Црни Тимок на основу заједнице риба. Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 151. 0,2/0,2

78. Јаћимовић М., Смедеревац-Лалић М., Николић Д., **Цвијановић Г.**, Спасић С., Вишњић-Јефтић Ж., Скорић С., Крпо-Ћетковић Ј. (2022). Утицај селективног излова црног америчког патуљастог сома (*Ameiururs melas*) на насеље риба у Парку природе "Пољавица". Трећи конгрес биолога Србије. Златибор, Србија: 21.-25. Септембар., 2022. Књига сажетака: 161. 0,2/0,2

3. АНАЛИЗА НАУЧНО-ИСТРАЖИВАЧКОГ РАДА

Преглед објављених радова показује да је научноистраживачки рад др Горчина Цвијановића обухватио истраживања из неколико области. Према ужим истраживачким областима којима припадају, публикације др Горчина Цвијановића могу се сврстати у следеће категорије: ихтиологија, екологија риба, екологија и генетика јесетарских врста, антропогени утицај на рибље врсте и заједнице, популационе, морфолошке и генетичке карактеристике инвазивних врста.

Резултатима истраживања из области **ихтиологије и екологије** риба припадају радови 1, 2, 20, 43, 44, 48, 50, 51. Резултатима истраживања из области екологије, заштите и генетике **јесетарских** врста припадају радови 4, 5, 8, 9, 10, 11, 12, 14, 16, 17, 18, 21, 42, 49, 53, 55. Резултатима истраживања из области рибе као индикатора **загађења** и стања акватичних екосистема припадају радови 4, 5, 18, 21, 43. У радовима су обрађена различита питања ихтиологије и екологије риба а посебно налази **нових врста** риба на територији Србије (радови 13, 19, 42). Проблематику појаве, ширења и негативног дејства **интродукованих инвазивних** врста обрађују радови 3, 6, 7, 15, 19, 51, 52, 53, 54, 56, 68 глобалног феномена који представља све значајнији еколошки проблем у нашој земљи и у свету.

У **раду 48.** приказано је какав утицај људске активности имају на рибље заједнице у српском делу Дунава. Анализира се порекло полутаната (индустрија, пољопривреда, рударство, комуналне воде), као и у којој мери концентрације полутаната прелазе дозвољене границе у ткивима различитих врста риба. Такође, анализира се привредни излов рибе, и указује на прекомерни излов природних популација, као и праксу илегалног излова рибљих врста. Указује се на регулацију воденог тока, што за последицу има смањење и фрагментацију станишта аутохтоних вртса риба. Са друге стране, указује се на повећану заступљеност алохтоних врста

риба, ширење подруја на којима су заступљене ове врсте, као њихов (углавном негативан) утицај на аутохтоне врсте риба. Наводи се да изостанак генетичких истраживања за многе врсте негативно утиче на мере заштите (нпр адекватно порибљавање).

Преглед статуса и популационих трендова (на основу доступних података) јесетарских врста у сливу Дунава (а на подручју Западног Балкана) је рађена у **раду 49.** Такође, рађена је процена правних решења и пројеката заштите јесетарских врста, те њиховог утицаја на природне популације. Утврђено је да мањка интегративно управљање заштитом ових врста, посебно у пограничним водама. Такође, примећен је мањак нових информација, као и мониторинга у многим земљама Западног Балкана, као и мањак политичке воље да се унапреди заштита како јесетарских врста, тако и станишта.

У **раду 50** је анализиран утицај климатских промена на 443 рибље врсте (у Европи), а резултати су показала да су рибље врсте подложне тим променама углавном распрострањене у подручју Медитерана. Утврђен је профил рибљих врста које су подложније негативном утицају климатских промена, и оне припадају врстама које немају привредни значај, имају мање тело као и да заузимају мању површину сливова. На основу резултата, дата је листа риба које је неопходно пратити и изучавати, како би се добиле квалитетне информације у циљу њихове заштите.

Рад 51. указује на присуство алохтоне врсте америчког патуљастог сома (*Ameiurus melas*) у Парку природе Пољавица, те анализира популациону динамику ове врсте, као других врста риба (аутохтоних и алохтоних) на овом локалитету. Анализом селективног излова америчког патуљастог сома, указује се на позитивне (увећање бројности неких аутохтоних врста риба) и негативне појаве (увећање бројности других алохтоних врста, али и смањење бројности неких аутохтоних врста риба).

Проблематиком алохтоних рибљих врста у сливу Дунава се бави и **рад 52.**, пошто анализира морфометријске карактеристике амурског спавача (*Perccottus glenii*) у каналу Дунава (код Великог Градишта). Резултати указују на постојање разлика у морфометрији како између мужјака и женки, тако и између различитих узрасних класа ове врсте. Ови резултати се такође пореде и са резултатима истраживања других аутора, и указује се на постојање веће варијабилности морфометријских карактеристика популација ове врсте са различитих (и удаљених) локалитета.

Присуством алохтоне јесетарске врсте веслоноса (*Polyodon spathula*) у Европи, бави се **рад 53.** Указује се на постојање узгоја ове врсте (углавном регионално), као и мањак информација о присуству и успостављању популација ове врсте у водама Европе. Предлаже се да се даљи развој пажљиво планира (са освртом на развој тржишта), као и да се унапреди контрола и извештавање о трговини и случајним/намерним пуштања ове врсте у водотокове Европе.

Дужинско-тежински однос амурског спавача (*Perccottus glenii*) у Дунавском каналу код Великог Градишта је био предмет анализе у **раду 54**. Присуство исте узрасне структуре популације ове врсте током две узастопне године, као и повећање бројности ове врсте, указују на скорашње успостављање популације на овом локалитету. Указује се на могућност управљања популацијама ове алохтоне врсте у малим изолованим воденим системима, као и потребом мониторинга и истраживања ове врсте.

Анализом микросателитских маркера код кечиге (*Acipenser ruthenus*), у средњем и доњем току Дунава, као и у реци Тиси, утврђено је да постоји проток гена између јединки на различитим локалитетима. Резултати **рада 55** су указали да је величина ефективне популације варијабилна, те да је неопходно посветити велику пажњу мерама заштите ове врсте, поготово код мера пориљавања.

Присуство алохтоне врсте калифорнијске пастрмке (*Oncorhynchus mykiss*) у главном току Дунава (у Ђердапу) је било предмет **рада 56**. Постојање сребрне обојености ове јединке указује на присуство процеса смолтификације, односно физиолошке адаптације пастрмских врста приликом њихових миграција у море/језеро. Такође, указује се да је њено порекло (вероватно) последица бекства из неког од рибњака у сливовима река које су део слива овог подручја

У овиру **рада 67** анализирано је понашање различитих рибљих врста у акомулацији између две бране (Ђердап I и II) на Дунаву. Коришћењем акустичне телеметрије уврђено је да се постоје варирања у осетљивости рибљих врста на варирања температуре у Ђердапској акумулацији, те се подаци могу користити за боље планирање мониторинга и управљања рибљим ресурсом.

4. УТИЦАЈ НАУЧНИХ РЕЗУЛТАТА (ЦИТИРАНОСТ)

Радови у којима је др Горчин Цвијановић аутор или коаутор до сада су, без аутоцитата, цитирани **608 пута** у научним часописима са *SCI* листе (извор: *Scopus*, на дан 23.06.2024.). Од укупно 608 хетероцитата, радови кандидата су цитирани 83 пута у међународним часописима изузетних вредности (М21а), 96 пута у врхунским међународним часописима (М21), 167 пута у истакнутим међународним часописима (М22), 121 пута у међународним часописима (М23), 11 пута у националним часописима међународног значаја (М24), 2 пута у врхунском часопису националног значаја (М51), 1 пут у истакнутом националном часопису (М52), 9 пута у монографијама међународниг значаја (М10), 3 пута у саопштењима са међународног скупа штампано у целини (М33), 5 пута у одбрањеним дисертацијама (М70) и 110 пута у часописима који немају категорију. Следи списак референци који цитирају радове кандидата, дате под бројевима како су наведени у Библиографији (2).

Рад бр. 1. Jarić, I., Cvijanović, G, Knežević-Jarić, J., Lenhardt, M. (2012). Trends in fisheries science from 2000 to 2009: a bibliometric study. *Reviews in Fisheries Science* 20(2), 70-79.

Цитиран је **34** пута**:**

1. Diekmann, F., Ford, R.A., Harrison, S.K., Regnier, E.E., Venkatesh, R. (2013). Bibliometric Analysis of the Literature on Giant Ragweed (*Ambrosia trifida* L.). *Journal of Agricultural and Food Information* 14(4), 290-320. (M24)
2. Jarić, I., Knežević-Jarić, J., Lenhardt, M. (2014). Relative age of references as a tool to identify emerging research fields with an application to the field of ecology and environmental sciences. *Scientometrics* 100(2), 519-529. (M22)
3. Kumaresan, R., Ezhilrani, R., Vinitha, K., Jaryaraman, R. (2014). Indian research contributions in the Aquaculture journal during 1972-2011: A scientometric study. *Library Philosophy and Practice* 2014(1), 1185. (M24)
4. Vaxevanidis, N.M., Venci, A., Psyllaki, P. (2015). Research on tribology in Southeastern Europe: A bibliometric study. *FME Transactions* 43(3), 259-268. (M24)
5. Jarić, I., Gessner, J., Lenhardt, M. (2015). A life-table metamodel to support the management of data deficient species, exemplified in sturgeons and shads. *Environmental Biology of Fishes* 98(12), 2337-2352. (M22)

6. Singh, V.K., Banshal, S.K., Singhal, K., Uddin, A. (2015). Scientometric mapping of research on 'Big Data'. *Scientometrics* 105(2), 727-741. (M22)
7. Aksnes, D.W., Browman, H.I. (2016). An overview of global research effort in fisheries science. *ICES Journal of Marine Science* 73(4), 1004-1011. (M21)
8. Dimarchopoulou, D., Stergiou, K.I., Tsikliras, A.C., Higgs, D.M. (2017) Gap analysis on the biology of Mediterranean marine fishes. *PLOS ONE* 12(4), e0175949. (M22)
9. Syed, Sh., Spruit, M. (2017) Full-Text or Abstract? Examining Topic Coherence Scores Using Latent Dirichlet Allocation. *2017 IEEE International Conference on Data Science and Advanced Analytics (DSAA)*, 165-174. (M33)
10. Sab, C.M., Kumar, P.D., Biradar, B.S. (2018). Defining Chemical Sciencce Research: Conclusion from a Critical Review of the Literature. *SSRN Electronic Journal* 7(1), 31-31. (M22)
11. Birch, T., Reyes, E. (2018) Forty years of coastal zone management (1975-2014): Evolving theory, policy and practice as reflected in scientific research publications. *Ocean & Coastal Management* 153, 1-11. (M21)
12. Santos, S.R., Vianna, M. (2018). Scientometric Analysis of the Fisheries Science for the Species of *Cynoscion* (Sciaenidae: Perciformes) from the Western Atlantic, with Emphasis in the Comparison of the North American and Brazilian Fisheries Catch Data. *Reviews in Fisheries Science & Aquaculture* 26(1), 55-69. (M21a)
13. Syed, S., Weber, C.T. (2018). Using Machine Learning to Uncover Latent Research Topics in Fishery Models. *Reviews in Fisheries Science & Aquaculture* 26(3), 319-336. (M21a)
14. Santos, S.R., Vianna, M. (2018). Scientometric Analysis of the Fisheries Science of Western Atlantic Species of *Paralichthys* (Paralichthyidae: Pleuronectiformes). *Reviews in Fisheries Science & Aquaculture* 26(4), 443-459. (M21a)
15. Syed, S., Borit, M., Spruit, M. (2018) Narrow lense for capturing the complexity of fisheries: A topic analysis of fisheries science from 1990 to 2016. *Fish and Fisheries* 19(4), 643-661. (M21a)
16. Cooke, S.J., Lynch, A.J., Vatland, S., Reich, D.A., Claussen, J.E. (2019) On the State of Fish, Fisheries and Fisheries Management Practices Around the Globe: Sharing National Perspectives to Build Understanding. *Fisheries* 44(2), 53-55. (M21)
17. Smith, H., Basurto, X. (2019) Defining Small-Scale Fisheries and Examining the Role of Science in Shaping Perceptions of Who and What Counts: A Systematic Review. *Frontiers in Marine Science* 6. (M21a)
18. Ho, L.T., Goethals, P.L.M. (2019) Opportunities and Challenges for the Sustainability of Lakes and Reservoirs in Relation to the Sustainable Development Goals (SDGs). *Water* 11(7), 1462. (M22)
19. Weber, C.T., Borit, M., Aschan, M. (2019) An Interdisciplinary Insight Into the Human Dimensin in Fisheries Models. A Systematic Literature Review in a European Unionj Context. *Frontiers in Marine Science* 6, 369. (M21a)
20. Syed, S., ní Aodha, L., Scougal, C., Spruit, M. (2019) Mapping the global network of fisheries science collaboration. *Fish and Fisheries* 20(5), 830-856. (M21a)
21. Timms, G.P. (2019) An Investigation of Marine Taxa Refernced in Thesis Titles and Abstracts as a Collection Development Tool. *Science & Technology Libraries* 38(2), 184-203. (M24)
22. Ho, L., Goethals, P. (2020). Research hotspots and current challenges of lakes and reservoirs: a bibliometric analysis. *Scientometrics* 124(1(, 603-631. (M22)
23. Mitchell, N.C. (2020) Comparing the post-WWII publication histories of oceanography and marine geoscience. *Scientometrics* 124(2), 843-866. (M22)

24. Suharso, P., Setyowati, L., Nur Arifah, M. (2021) Bibliometric Analysis Related to Mathematical Resaerch through Database Dimensions. *Journal of Physics: Conference Series* 1776(1), 012055.
25. Smith, H., Lozano, A.G., Baker, D., Blondin, H., Hamilton, J., Choi, J., Basurto, X., Silliman, B. (2021) Ecology and the science of small-scale fisheries: A synthetic review of research effort for the Anthropocene. *Biological Conservation* 254, 108895. (M21a)
26. Huang, M., Ding, L., Wang, J., Ding, C., Tao, J. (2021) The impact of climat change on fish growth: A summary of conducted studies and current knowledge. *Ecological Indicators* 121, 106976. (M21)
27. Fytilakos, I. (2021) Text mining in fisheries scientific literature: A term coding approach. *Ecological Informatics* 61, 101203.
28. Hamilton, J., Basurto, X., Smith, H., Virdin, J. (2021) How does the World Bank shape global environmental governance agendas for coasts? 50 years of small-scale fisheries aid reveals paradigm shifts over time. *Global Environmental Change* 68, 102246. (M21a)
29. Borgohain, D.J., Verma, M.K., Daud, S.C. (2021). Scientometric Profile of Fisheries Research in SAARC Countries. *Desidoc Journal of Library & Information Technology* 41(6), 429-437. (M24)
30. Vittori, M., Dominko, M. (2022). A bibliometric analysis of research on terrestrial isopods. *ZooKeys* 1101, 13-34. (M22)
31. Bhargavi, K., Krishnan, P., Agarwal, S., Kantharajan, G., Bhoomaiah, D., Nayak, B.B. (2023). Scientometric profiling of reservoir fisheries research in India during 1998-2019, in comparison to the global scenario. *Indian Journal of Fisheries* 70(2), 1-18. (M23)
32. De Oliveira, C.D.L., Ladle, R.J., Batista, V.D. (2023). Patterns and trends in scientific production on marine elasmobrancs: research hotspots and emerging themes for conservation. *Journal of Costal Conservation* 27, 6. (M22)
33. Bandara, T., Wijewardene, L. (2023). Global Research Effort on Hils shade (*Tenualosa ilisha*) – Insights from Scientometrics. *Thalassas: An International Journal of Marine Science* 39(2), 981-996. (M23)
34. Copeland, L.K.F., Stockwell, B.L., Piovano, S. (2023). Exploring the Research Landscape of Endemic Catadromous Fishes: A Comprehensive Bibliometric Study and PRISMA Review. *Diversity* 15, 825. (M22)

Рад бр. 2. Jarić, I., Smederevac-Lalić, M., Jovičić, K., Jaćimović, M., Cvijanović, G., Lenhardt, M., Kalauzi, A. (2016). Indicators of unsustainable fishery in the Middle Danube. *Ecology of Freshwater Fish* 25(1), 86-98.

Цитиран је **6** пута**:**

1. Cooke, S.L. (2016) Anticipating the spread and ecological effects of invasive bigheaded carp (*Hypophthalmichthys spp.*) in North America: a review of modeling and other predictive studies. *Biological Invasions* 18(2), 315-344. (M21)
2. Smederevac-Lalić, M., Kalauzi, A., Regner, S., Lenhardt, M., Naunović, Z., Hegediš, A. (2017). Prediction of fish catch in the Danube River basen on long-term variability in environmental parameters and catch statistics. *Science of the Total Environment* 609, 664-671. (M21a)

3. Schletterer, M., Kuzovlev, V.V., Zhenikov, Y.N., Tuhtan, J.A., Haidvogl, G., Fredrich, T., Górski, K., Füreder, L. (2018) Fish fauna and fisheries of large European rivers: examples from the Volga and the Danube. *Hydrobiologia* 814(1), 45-60. (M21)
4. Lira, A.S., Viana, A.P., Eduardo, L.N., Fredóu, F.L., Frédou, T. (2019) Population structure, size at first sexual maturity, and feeding ecology of *Conodon nobilis* (Actinopterygii: Perciformes: Haemulidae) from the coast of Pernambuco, north-eastern Brazil. *Acta Ichthyologica et Piscatoria* 49(4), 389-398. (M23)
5. Daliri, M., Kamrani, E., Salarpouri, A., Ben-Hasan, A. (2021) The Geographical Expansion of Fisheries conceals the decline in the Mean Trophic Level of Iran's catch. *Ocean and Coastal Management* 199, 105411.
6. Kostić-Vuković, J., Kolarević, S., Kračun-Kolarević, M., Višnjić-Jeftić, Ž., Rašković, B., Poleksić, V., Gačić, Z., Lenhardt, M., Vuković-Gačić, B. (2021) Temporal variation of biomarkers in common bream *Abramis brama* (L., 1758) exposed to untreated municipal wastewater in the Danube River in Belgrade, Serbia. *Environmental Monitoring and Assessment* 193(8), 465. (M22)

Рад бр. 3. Jarić, I., Jaćimović, M., Cvijanović, G., Knežević-Jarić, J., Lenhardt, M. (2015). Demographic flexibility influence colonization success: profiling invasive fish species in the Danube River by the use of population models. *Biological Invasions* 17(1), 219-229.

Цитиран је **10** пута**:**

1. Jarić, I., Gessner, J., Lenhardt, M. (2015). A life-table metamodel to support the menagement of data deficient species, exemplified in sturgeons and shades. *Environmental Biology of Fishes* 98(1), 2337-2352. (M22)
2. Telcean, I.C., Sas-Kovács, I., Covaciu-Marcov, S.-D. (2015) Unusual altitude and habitat for the invasive fish *Pseudorasbora parva* in the Válsan River basen. Romania. *Muzeul Olteniei Craiova. Studii şi comunicări. Ştiintele Naturii* 31(1), 237-240. (M23)
3. Ernandes-Silva, J., Ragonha, F.H., Rodrigues, L.C., Mormul, R.P. (2016) Freshwater invasibility level depends on the population age structure of the invading mussel species. *Biological Invasions* 18, 1421-1430. (M21)
4. Chow, P.K.Y., Lurz, P.W.W., Lea, S.E.G. (2018) A battle of wits? Problem-solving abilities in invasive eastern grey squirrels and native Eurasian red squirrels. *Animal Behavior* 137, 11-20.
5. Jaćimović, M., Lenhardt, M., Krpo-Ćetković, J., Jarić, I., Gačić, Z., Hegediš, A. (2019) Boom-bust like dynamics of invasive black bullhead (*Ameiurus melas*) in Lake Sava (Serbia). *Fisheries Management and Ecology* 26(2), 153-164. (M22)
6. Brook, M. (2021) Impact of temerature on Asian Carp life history and population growth. *Doctoral dissertation, University of Waterloo* (M70)
7. Elnakeeb, M.A., Vasilyeva, L.M., Sudakova, N.V., Anokhina, A.Z., Gewida, A.G.A., AMer, M.S., Naiel, M.A.E. (2021) Paddlefish, *Polyodon spathula*: Historical, current status and future aquaculture prospects in Russia. *International Aquatic Research* 13, 89-107.
8. Booher, E.C.J., Walters, A.W. (2022). Identefying Translocation Sites for a Climate Relict Population of Finescale Dace. *Transactions of the American Fisheries Society* 151(2), 245-259. (M22)

9. Campbell, L.D. (2022) Behavior and success in web contests between an invading *Pholcus* spider and local conger. *Doctoral dissertation, Miami University* (M70)
10. Zhao, Z., Carey, J.R., Li, Z. (2024). The Global Epidemic of Bactrocera Pests: Mixed-Species Invasions and Risk Assessment. *Annual Review of Entomology* 69, 219-237. (M21a)

Рад бр. 4. Jarić, I., Višnjić-Jeftić, Ž., Cvijanović, G., Gačić, Z., Jovanović, Lj., Skorić, S., Lenhardt, M. (2011). Determination of differential heavy metal and trace element accumulation in liver, gills, intestine and muscule of sterlet (*Acipenser ruthenus*) from the Danube River in Serbia by ICP-OES. *Microchemical Journal* 98(1), 77-81.

Цитиран је **189** пут**:**

1. Fallah, A.A., Saei-Dehkordi, S.S., Nematollahi, A., Jafar, T. (2011). Comparative study of heavy metal and trace element accumulation in edible tissues of farmed and wild rainbow trout (*Oncorhynchus mykiss*) using ICP-OES technique. *Microchemical Journal* 98(2), 275-279. (M21)
2. Sunjog, K., Gačić, Z., Kolarević, S., Višnjić-Jeftić, Ž., Jarić, I., Knežević-Vukčević, J., Vuković-Gačić, B., Lenhardt, M. (2012). Heavy metal accumulation and the genotoxicity in barbel (*Barbus barbus*) as indicators of the Danube River pollution. *The Scientific World Journal* 2012, 351074. (M21)
3. Zhao, S., Feng, C., Quan, W., Chen, X., Niu, J., Shen, Z. (2012). Role of living environments in the accumulation characteristic of heavy metals in fishes and crabs in the Yangtze River Estuary, China. *Marine Pollution Bulletin* 64(6), 1163-1171. (M21a)
4. Skorić, S., Višnjić-Jeftić, Ž., Jarić, I., Djikanović, V., Mićković, B., Nikčević, M., Lenhardt, M. (2012). Accumulation of 20 elements in great cormorant (*Phalacrocorax carbo*) and its main prey, common carp (*Cyprinus carpio*) and Prussian carp (*Carassius gibelio*). *Ecotoxicology and Environmental Safety* 80, 244-251. (M21)
5. Alkan, N., Aktaş, M., Gedik, K. (2012). Comparison of metal accumulation in fish species from the Southeastern Black Sea. *Bulletin of Environmental Contamination and Toxicology* 88(6), 807-812. (M23)
6. Taweel, A.K.A., Shuhaimi-Othman, M., Ahmed, A.K. (2012). Analysis of heavy metal concentracions in Tilapia fish (*Oreochromis niloticus*) from four selected markers in Selangor, Peninsular Malaysia. *Journal of Biological Sciences* 12(3), 138-145.
7. Pantelica, A., Ene, A., Georgescu, I.I. (2012). Instrumental neutron activation analysis of some fish species from Danube River in Romania. *Microchemical Journal* 103, 142-147. (M21)
8. Stanke, M., Stasiak, K., Janicki, B., Bernacka, H. (2012). Content of selected elements in the muscle tissue and gills of perch (*Perca fluviatilis* L.) and water from a Polish lake. *Polish Journal of Environmental Studies* 21(4), 1033-1038. (M23)
9. Jiang, H., Yang, H., Kong, X., Wang, S., Liu, D., Shi, S. (2012). Response of acid and alkaline phosphatase activities to copper exposure and recovery in freshwater fish *Carassius auratus gibelio* var. *Life Science Journal* 9(3), 233-245. (M23)
10. Lenhardt, M., Jarić, I., Višnjić-Jeftić, Ž., Skorić, S., Gačić, Z., Pucar, M., Hegediš, A. (2012). Concentrations of 17 elements in muscle, gills, liver and gonads of five

economically important fish species from the Danube River. *Knowledge and Management of Aquatic Ecosystems* 407, 02. (M22)
11. Azevedo, J.S., Hortellani, M.A., Sarkis, J.E.S. (2012). Accumulation and distribution of metals in the tissues of two catfish species from Cananéia and Santos-São Vicente estuaries. *Brazilian Journal of Oceanography* 60(4), 463-472. (M23)
12. Mashroofeh, A., Bakhtiari, A.R., Pourkazemi, M. (2012). Bioaccumulation of Zn, Cu and Mn in the caviar and muscule of perisan sturgeon (*Acipenser persicus*) from the Caspian Sea, Iran. *Bulletin of Environmental Contamination and Toxicology* 89(6), 1201-1204. (M23)
13. Weber, P., Behr, E.R., Knorr, C.D.L., Vendruscolo, D.S., Flores, E.M.M., Dressler, V.L., Baldisserotto, B. (2013). Metals in the water, sediment and tissues of two species from different trophic levels in a subtropical Brazilian river. *Michrochemical Journal* 106, 61-66.
14. Mahroofeh, A., Bakhtiari, A.R., Pourkazemi, M., Rasouli, S. (2013). Bioaccumulation of Cd, Pb and Zn in the edible and inedible tissues of three sturgeon species in the Iranian coastline of the Caspian Sea. *Chemosphere* 90(2), 573-580. (M21)
15. Mahroofeh, A., Bakhtiari, A.R., Pourkazemi, M. (2013). Evaluation of Cadmium, Vanadium, Nickel and Zink concentracions in different tissues of beluga and stellate sturgeon and risk assessment regarding consuming their muscule tissue in South Caspian Sea. *Journal of Mazandaran University of Medical Sciences* 22(96), 89-97.
16. Zrnčić, S., Oraić, D., Ćaleta, M., Mihajlević, Z., Zanella, D., Bilandžić, N. (2013). Biomonitoring of heavy metals in fish from the Danube River. *Environmental Monitoring and Assessment* 185(2), 1189-1198. (M22)
17. Dsikowitzky, L., Mengesha, M., Dadebo, E., DeCarvalho, C.E.V., Sindern, S. (2013). Assessment of heavy metals in water samples and tissues of edible fish species from Awassa and Koka Rift Valley Lakes, Ethiopia. *Environmental Monitoring and Assessment* 185(4), 3117-3131. (M22)
18. Butcher, D.J. (2013). Review: Recent advances in optical analytical atomic spectrometry. *Applied Spectroscopy Reviews* 48(4), 261-328. (M21a)
19. Begum, A., Mustafa, A.I., Amin, M.N., Chowdhury, T.R., Qurashi, S.B., Banu, N. (2013). Levels of heavy metals in tissues of shing fish (*Heteropneustes fossilis*) from Buriganga River, Bangladesh. *Environmental Monitoring ans Assessment* 185(7), 5461-5469.
20. Bressy, F.C., Brito, G.B., Barbosa, I.S., Teixeira, L.S.G., Korn, M.G.A. (2013). Determination of trace element concentracions in tomato samples at different stages of maturation by ICP OES and ICP-MS following microwave-assisted digestion. *Microchemical Journal* 109, 145-149. (M21)
21. Jiang, H., Lei, M., Kong, X., Wang, S., Guo, H. (2013). Response of digestive enzyme activities to waterborne copper exposure and recovery in *Carassius auratus gibelio* var. *Journal of Food, Agriculture and Environmental* 11(2), 1040-1044. (M23)
22. Zhuang, P., Li, Z.-A., McBride, M.B., Zou, B., Wang, G. (2013). Health risk assessment for consumption of fish originating from pounds near Dabaoshan mine, South China. *Environmental Science and Pollution Research* 20(8), 5844-5854. (M22)
23. Arsenic and other trace elements in two catfish species from Paranaguá Estuarine Complex, Paraná, Brazil. *Environmental Monitoring and Assessment* 185(10), 8333-8342. (M22)
24. Zhuang, P., Li, Z., McBride, M.B., Wang, G., Zou, B. (2013). Concentracion of heavy metals in fish from a mine-affected area and potential health risk. *Fresenius Environmental Bulletin* 22(8A), 2402-2408. (M23)

25. Ganesan, N., Sathya, T.N., Arunachalam, K.D. (2013). Genotoxicity evaluation of 1,2 dichlorobenzene in the Indian Major Carp, *Catlia catlia* L. using alkaline comet assay. *Bulletin of Environmental Contamination and Toxicology* 91(6), 616-622. (M23)
26. Subotić, S., Spasić, S., Višnjić-Jeftić, Ž., Hegediš, A., Krpo-Ćetković, J., Mićković, B., Skorić, S., Lenhardt, M. (2013). Heavy metal and trace element bioaccumulation in target tissues of four edible fish species from the Danube River (Serbia). *Ecotoxicology and Environmental Safety* 98, 196-202. (M21)
27. Ben Salem, Z., Capelli, N., Laffray, X., Elise, G., Ayadi, H., Aleya, L. (2014). Seasonal variation of heavy metals in water, sediment and roach tissues in a landfill draining system pound (Etueffot, France). *Ecological Engineering* 69, 25-37.
28. Abdel-Moneium, A.M. (2014). Histopathological and ultrastructural perturbations in tilapia liver as potential indicators of pollution in Lake Al-Asfar, Saudi Arabia. *Environmental Science and Pollution Research* 21(6), 4387-4396. (M22)
29. Milošković, A., Dojčinović, B., Simić, S., Pavlović, M., Simić, V. (2014). Heavy metal and trace element bioaccumulation in target tissues of thredd edible predatory fish species from Bovan Reservoir (Serbia). *Fresenius Environmental Bulletin* 23(8A), 1884-1891. (M23)
30. Stanek, M., Adnerzejewski, W., Janicki, B., Mazurkiewicz, J., Waszak, I. (2014). Content of calcium and phosphorus in the meat, gills and liver of perch (*Perca fluviatilis* L.) from the Wielkopolska lakes District (Poland). *Journal of Elementology* 19(2), 507-518. (M23)
31. Jiang, D., Hu, Z., Liu, F., Zhang, R., Duo, B., Fu, J., Cui, Y., Li, M. (2014). Heavy metals level in fish from aquaculture farms and risk assessment in Lhasa, Tibetan Autonomous Region of China. *Ecotoxicology* 23(4), 577-583. (M22)
32. Giannakopoulou, L., Neofitou, C. (2014). Heavy metal concentracions in *Mullus barbus* and *Pagellus erythrinus* in relation to body size, gender and seasonality. *Environmental Science and Pollution Research* 21(11), 7140-7153. (M22)
33. Schenone, NF., Avigliano, E., Goessler, W., Fernández Cirelli, A. (2014). Toxic metals, trace and major elements determined by ICPMS in tissues of *Parapimelodus valenciennis* and *Prochilodus lineatus* from Chascomus Lake, Argentina. *Microchemical Journal* 112, 127-131. (M21)
34. Guti, G. (2014). Can anadromous sturgeon populations be restored in the Middle Danube River? *Acta Zoologica Bulgarica* 66(SUPPL. 7), 63-67. (M23)
35. Taharn, N., Techawongstein, S., Chanthai, S. (2014). Determination of major-to-trace elements in hot chilli and tomato varieties economically grown in the northeast of Thailand by ICP-OES following microwave assisted digestion. *International Food Research Journal* 21(2), 517-522. (M23)
36. Jovičić, K., Lenhardt, M., Višnjić-Jeftić, Z., Ikanović, V., Skorić, S., Smederevac-Lalić, M., Jaćimović, M., Gačić, Z., Jarić, I., Hegediš, A. (2014). Assessment of fish stocks and elemental pollution in the Danube, Sava nad Kolubara rivers on the territory of city of Belgrade, Serbia. *Acta Zoologica Bulgarica* 66(SUPPL. 7), 179-184. (M23)
37. Balakrishnan, K., Ronald Ross, P., Paramanandham, J. (2014). Influence of seasons and locations in the hepatic enzymological changes in the fish lates calcarifer from river uppanar, sipcot complex, cuddalore. *International Journal of ChemTech Research* 6(12), 5002-5006.
38. Azaman, F., Juahir, H., Yunus, K., Azid, A., Kamarudin, M.K.A., Toriman, M.E., Mustafa, A.D., Amran, M.A., Hasnama, C.N.C., Saudi, A.S.M. (2015). Heavy metal in fish: Analysis and human health-a review. *Jurnal Teknologi* 77(1), 61-69. (M51)
39. Ribeiro, A.P., Figueiredo, A.M., Santos, J.O., Ferreira, P.A., Graudenz, G.S., Ruiz, M.S., De Mahiques, M.M., Figueira, R.C. (2015). Effects of contamination with toxic

metals on the environemntal quality of sepetiba bay (se brazil) the case of ingá company. *Management of Environmental Quality* 26(4), 538-551.
40. Nadukuru, N., Yallapragada, P.R. (2015). In vitro and in vivo inhibition of Ca^{2+}-Mg^{2+}-ATPase activity by cadmium in post larvae of *Penaesu monodon*. *Chemistry and Ecology* 31(5), 446-454. (M23)
41. Lenhardt, M., Poleksić, V., Vuković-Gačić, B., Rašković, B., Sunjog, K., Kolarević, S., Jarić, I., Gačić, Z. (2015). Integrated use of differnt fish related parameters to assess the status of water bodies. *Slovenian Veterinary Research* 52(1), 5-13. (M23)
42. Al-Busaidi, M., Yesudhason, P., Al-Rabhi, W., Al-Harthy, K., Al-Waili, A., Al-Mayrooei, N., Al-Habsi, S. (2015). Fatty acid profile and selected chemical contaminants in yellowfin tuna from Arabian Sea. *International Journal of Food Properties* 18(12), 2764-2775. (M22)
43. Ribeiro, A.P., Figueiredo, A.M., Santos, J.O., Ferreira, P.A., Graudenz, G.S., Ruiz, M.S., De Mahiques, M.M., Figueira, R.C. (2015). Effects of contamination with toxic metals on the environmental quality of Sepetiba Bay (se Brazil) the case of ingá company. *Management of Environmental Quality* 26(4), 538-551.
44. Jaćimović, M., Lenhardt, M., Višnjić-Jeftić, Ž., Jarić, I., Gačić, Z., Hegediš, A., Krpo-Ćetković, J. (2015). Elemental concentracions in different tissues of European perch and black bullhead from Sava Lake (Serbia). *Slovenian Veterinary Research* 52(2), 57-65. (M23)
45. Stanek, M., Dabrowski, J., Janicki, B., Roślewska, A., Strzelecka, A. (2015). Impact of fish species on levels of lead accumulation in the meat of common bream (*Abramis brama* L.), white bream (*Blicca bjoerkna* L.) and common bleak (*Alburnus alburnus* L.) from the Vistula River (Poland). *Journal of Central European Agriculture* 16(2), 62-71. (M21)
46. Djikanović, V., Skorić, S., Lenhardt, M., Smederevac-Lalić, M., Višnjić-Jeftić, Ž., Spasić, S., Mićković, B. (2015). Review of sterlet (*Acipenser ruthenus* L. 1758) (Actinopterygii: Acipenseridae) feeding habits in the River Danube, 1694-852 river km. *Journal of Natural History* 49(5-8), 411-417. (M23)
47. Štrbac, S., Kašanin-Grubin, M., Jovančićević, B., Simonović, P. (2015). Bioaccumulation of heavy metals and microelements in silver bream (*Brama brama* L.), northern pike (*Esox lucius* L.), sterlet (*Acipenser ruthenus* L.) and common carp (*Cyprinus carpio* L.) from Tisza River, Serbia. *Journal of Toxicology and Environmental Health-Part A: Current Issues* 78(11), 663-665. (M22)
48. Abadi, D.R.V., Dobaradaran, S., Nabipour, I., Lamani, X., Ravanipour, M., Tahmasebi, R., Nazmara, S. (2015). Comparative investigation of heavy metal, trace and macro element contents in commercially valuable fish species harvested from the Persian Gulf. *Environmental Science and Pollution Research* 22(9), 6670-6678. (M22)
49. Kaya, H., Akbulut, M. (2015). Effect of waterborne lead expsure in Mozambique Tilapia: Oxidative stress, osmoregulatory responses and tissue accumulation. *Journal of Aquatic Animal Health* 27(2), 77-87. (M23)
50. Palermo, F.F., Risso, W.E., Simonato, J.D., Martinez, C.B.R. (2015). Bioaccumulation of nickel and its biochemical and genotoxic effects of juveniles of the neotropical fish *Prochilodus lineatus*. *Ecotoxicology and Environmental Safety* 116,19-28. (M21)
51. Ng, G.H.B., Xu, H., Pi, N., Kelly, B.C., Gong, Z. (2015). Differential GFP expression patterns induced by different heavy metals in Tg (hsp70:gfp) transgenic medaka (*Oryzias latipes*). *Marine Biotechnology* 17(3), 317-327. (M21)
52. Yan, S., Chen, L., Dou, X., Qi, M., Du, Q., He, Q., Nan, M., Chang, Z., Nan, P. (2015). Toxicity of 8-Hydroxyquinoline in *Cyprinus carpio* using the acute toxicity test,

hepatase activity analysis and the comet assay. *Bulletin of Environmental Contamination and Toxicology* 95(2) 1566, 171-176. (M23)
53. Zaman, L., Givianrad, M.H., Ezzatpanah, H., Bakhoda, H. (2015). Determination of nickel and chromium content in serum, emulsion, skin and viscera of Iranian tuna fish. *Indian Journal of Geo-Marine Sciences* 44(9), 1409-1414.
54. Bubach, D.F., Macchi, P.J., Pérez Catán, S. (2015). Influence of volcanic activity and anthropic impact in the trece element contents of fishes from the North Patagonia in a global context. *Environmental Monitoring and Assessment* 187(11), 710. (M22)
55. Voigt, C.L., da Silva, C.P., Doria, H.B., Randi, M.A.F., de Oliveira Ribeiro, C.A., de Campos, S.X. (2015). Bioconcentration and bioaccumulation of metal in freshwater Neotropical fish *Geophagus brasiliensis*. *Environmental Science and Pollution Research* 22(11), 8242-8252. (M22)
56. Nekouei, S., Nekouei, F., Tyagi, I., Agarwal, S., Gupta, V.K. (2016). Mixed cloud point/solid phase extraction of lead(II) and cadmium(II) in water sapmles using modified-ZnO nanopowders. *Process Safety and Environmental Protection* 99, 175-185. (M21)
57. Stanek, M., Janicki, B. (2016). Distribution of heavy metals in the meat, gills and liver of common bream (*Abramis brama*) caught from Žniński Duże lake (Poland). *Journal of Elementology* 21(4), 1141-1150. (M23)
58. Mansouri, B., Maleki, A., Davari, B., Karimi, J., Momenth, V. (2016). Estimation of daily intake and potential risk of heavy metals in different tissues of fish in Gamasyab River. *Scientific Journal of Kurdistan University of Medical Sciences* 21(2), 112-121.
59. Stanek, M., Andrzejewski, W., Mazurkiewicz, J., Janicki, B., Cygan-Szczegielniak, D., Roślewska, A., Stasiak, K., Waszak, I. (2016). Seasonal investigation of selected mineral contents in meat, gills and liver of perch (*Perca fluviatilis* I.) from Western Poland. *Polish Journal of Environmental Studies* 25(1), 301-309. (M23)
60. Idis, N.S.U., Md. Zain, S., Low, K.H., Kamaruddin, A.F., Md. Salleh, K. (2016). Evaluation of heavy metal concentracions in wild and cultivated *Hemibagrus sp.* Using principal component analysis. *Malaysian Journal of Analytical Sciences* 20(3), 517-524.
61. Hussein, A.H.A., El Mahmoudi, A.S., Al Naeem, A.A. (2016). Assessment of the heavy metals in Al Asfar Lake, Al-Hassa, Saudi Arabia. *Water Environmental Research* 88(2), 142-151. (M21)
62. Wu, Y., Zhang, H., Liu, G., Zhang, J., Wang, J., Yu, Y., Lu, S. (2016). Concentracions and health risk assessment of trace elements in animal-derived food in southern China. *Chemosphere* 144, 564-570. (M21)
63. Diop, M., Howsam, M., Siop, C., Cazier, F., Goossens, J.F., Diouf, A., Amar, R. (2016). Spartial and seasonal variations of trace elements concentracions in liver and muscle of round Sardinelle (*Sardinella auratus*) and Senegalese sole (*Solea senegalensis*) along the Senegales coast. *Chemosphere* 144, 758-766. (M21)
64. Alkan, N., Alkan, A., Gedik, K., Fisher, A. (2016). Assessment of metal concentracions in commercially important fish species in Black Sea. *Toxicology and Industrial Health* 32(3), 447-456. (M23)
65. Milanov, D.R., Krstić, P.M., Marković, V.R., Jovanović, A.D., Baltić, M.B., Ivanović, S.J., Jovetić, M., Maltić, Ž.M. (2016). Analysis of heavy metals concentracion in tissues of three different fish species included in human diet fromDanube River, in the Belgrade Region, Serbia. *Acta Veterinaria* 66(1), 89-102. (M23)
66. Skoda, J., Zmudzki, J., Nawrocka, A. (2016). Concentracion of chromium, nickel, zinc and copper in the tissues of freshwater omnivorous and predatory fish, in water and in sediment. *Medycyna Weterynaryjna* 72(3), 180-185. (M23)

67. Monferrán, M.V., Garnero, P., De Los Angles Bistoni, M., Anbar, A.A., Gordon, G.W., Wundelin, D.A. (2016). From water to edible fish. Transfer of metals and metalloids in the San Roque Reservoir (Córdoba, Argentina). Implications associated with fish consumption. *Ecological Indicators* 63, 48-60. (M21)
68. Lynch, L.P., Jirsa, F., Avenant-Oldewage, A. (2016). Trace element accumulation and human health risk assessment of *Labeo capensis* (Smith, 1841) from the Vaal Dam reservoir, South Africa. *Water SA* 42(2), 328-336. (M23)
69. Ahmed, M., Ahmed, T., Liaquat, M., Abbasi, K.S., Farid, I.B.A., Jahangir, M. (2016). Tissue specific metal characterization of selected fish species in Pakistan. *Environmental Monitoring and Assessment* 188(4), 212. (M22)
70. Milošković, A., Dojčinović, B., Kovačević, S., Radojković, N., Radenković, M., Milošević, D., Simić, V. (2016). Spatial monitoring of heavy metals in the inland waters of Serbia: a multispecies approach based on commercial fish. *Environmental Science and Pollution Research* 23(10), 9918-9933. (M22)
71. Banan, A., Kalbassi Masjed Shahi, M.R., Bahmani, M., Yazdani Sadati, M.A. (2016). Toxicity assessment of silver nanoparticles in Persian sturgeon (*Acipenser persicus*) and starry sturgeon (*Acipenser stellatus*) during early life stages. *Environmental Science and Pollution Research* 23(10), 10139-10144. (M22)
72. Sunjog, K., Kolarević, S., Kračun-Kolarević, M., Višnjić-Jeftić, Ž., Skorić, S., Gačić, Z., Lenhardt, M., Vasić, N., Vuković-Gačić, B. (2016). Assessment of status of three water bodies in Serbia based on tissue metal and metalloid concentracion (ICP-OES) and genotoxicity (comet assay). *Environmental Pollution* 213, 600-607. (M21a)
73. Liu, Y., Zhao, X., Zhang, Y., Zhao, X., Liu, Y., Liu, J. (2016). Effects of oral administration of $CrCl_3$ on the contents of Ca, Mg, Mn, Fe, Cu, and Zn in the liver, kidney and heart of chicken. *Biological Trace Element Research* 171(2), 459-467. (M22)
74. Gerber, R., Smith, N.J., Van Vuren, J.H.J., Wepener, V. (2016). Metal concentrations in *Hydrocynus vittatus* (Castelnau 1861) populations from a premier conservation area: Relationships with environmental concentrations. *Ecotoxicology and Environmental Safety* 129, 91-102. (M21)
75. Monferran, M.V., Garnero, P.L., Wunderlin, D.A., de los Angeles Biston, M. (2016). Potential human health risk from metals and As via *Odontesthes bonariensis* consumption and ecological risk assessments in a euthropic lake. *Ecotoxicology and Environmental Safety* 129, 302-310. (M21)
76. Hauser-Davis, R.A., Bordon, I.C.A.C., Oliveira, T.F., Ziollit, R.L. (2016). Metal bioaccumulation in edible target tissues of mullet (*Mugil liza*) from a tropic bay in Southeastern Brazil. *Journal of Trace Elements in Medicine and Biology* 36, 38-43. (M22)
77. Hwang, I.-K., Kim, K.-W., Kang, J.-C. (2016). Toxic effects and depuration after the dietary lead(II) exposure on the bioaccumulation and hematological parameters in starry flounder (*Platichthys stellatus*). *Environmental Toxicology and Pharmacology* 45, 328-333. (M22)
78. Raknuzzaman, M., Ahmed, M.K., Islam, M.S., Habibullah-Al-Mamun, M., Tokumura, M., Sekine, M., Masunaga, S. (2016). Trace metal contamination in commercial fish and crustaceans collected from coast area of Bangladesh and health risk assessment. *Environmental Science and Pollution Research* 23(17), 17298-17310. (M22)
79. Chaiyo, S., Apiluk, A., Siangproh, W., Chailapakuli, O. (2016). High sensitivity and specificity simultaneous determination of lead, cadmium and copper using μpAD with dual electrochemical and colorimetric detection. *Sensors and Actuators, B: Chemical* 233, 540-549. (M21a)

80. Angrisani, N., Reifenrath, J., Zimmermann, F., Eifler, R., Meyer-Lindenberg, A., Vano-Herrera, K., Vogt, C. (2016). Biocompatibility and degradation of LAE442-based magnesium alloys after implantation of up to 3.5 years in a rabbit model. *Acta Biomaterialia* 44, 355-365. (M21a)
81. Proum, S., Santos, J.H., Lim, L.H., Marshall, D.J. (2016) Metal accumulation in the tissues and shells of Indothais gradata snails inhabiting soft and hard substrata in an acidified tropical estuary (Brunei, South East Asia). *Regional Studies in Marine Science* 8, 487-497. (M22)
82. Pérez-Sirvent, C., Martínez-Sánches, M.J., López, S.M., del Carmen Gómez Martínez, M., Guardiola, F.A., Esteban, M.A. (2016) Influence of waterborne arsenic on nutritive and potentially harmful elements in gilthead seabrea, (*Sparus aruatus*). *Envirnomental Monitoring and Assessment* 188(11), 620.
83. Gokkus, K., Turkmen, M. (2016) Assessment of heavy metal levels in tissues of common guitarfish (*Rhinobatos rhinobatos*) from Iskenderun and Antalya Bays, Northeastern Mediterranean Sea. *Indian Journal of Geo-Marine Sciences* 45(11), 1540-1548.
84. Simionov, I.-A., Cristea, V., Petrea, Ş.-M., Sîrbu, E.B., Coadă, M.T., Cristea, D.S. (2016) The presence of heavy metals in fish meat from Danube river: An overview. *AACL Bioflux* 9(6), 1388-1399.
85. Liu, J., Chen, B., Jefferson, T.A., Wang, H., Yang, G. (2017) Trace element concentrations, risk and their correlation with metallothionein genes polymorphism: A case study of narrow-ridged finless porpoises (*Neophocaena asiaeorientalis*) in the East China Sea. *Science of the Total Environment* 575, 628-638. (M21a)
86. Juncos, R., Campbell, L., Arcagni, M., Daga, R., Rizzo, A., Arribére, M., Ribeiro Guevara, S. (2017) Variations in anthropogenic silver in a large Patagonian lake correlate with global shifts in photographic processing technology. *Environmental Pollution* 223, 685-694. (M21a)
87. Jaward, S.K., Kadhim, M.O., Azooz, E.A. (2017) Incorporation of onium system with cloud point extraction and determination of iron(III) and mercury(II) in different samples. *Oriental Journal of Chemistry* 33(4), 1879-1889.
88. Zhang, J., Zhu, L., Li, F., Liu, C., Yang, Z., Qui, Z., Xiao, M. (2017) Heavy metals and metalloid distribution in different organs and health risk assessment for edible tissues of fish captured from Honghu Lake. *Oncotarget* 8(60), 101672-101685. (M21)
89. Afonso, A., Gutiérrez, A.J., Lozano, G., González-Weller, D., Rubio, C., Caballero, J.M., Hardisson, A., Revert, C. (2017) Determination of toxic metals, trace and essentials, and macronutrients in *Sarpa salpa* and *Chelon labrosus*: risk assessment for the consumers. *Environmental Science and Pollution Research* 24(11), 10557-10569. (M22)
90. Lefauve, M.K., Connaughton, V.P. (2017) Developmental exposure to heavy metals alters visually-guided behaviours in zebrafish. *Current Zoology* 63(2), 221-227. (M21)
91. Abarshi, M.M., Dantala, E.O., Mada, S.B. (2017) Bioaccumulation of heavy metals in some tissues of croaker fish from oil spilled rivers of Niger Delta region, Nigeria. *Asian Pacific Journal of Tropical Biomedicine* 7(6), 563-568. (M23)
92. Thang, N.Q., Huy, B.T., Van Tan, L., Phuong, N.T.K. (2017) Lead and Arsenic Accumulation and Its Effects on Plasma Cortisol Levels in *Oreochromis sp. Bulletin of Environmental Contamination and Toxicology* 99(2), 187-193. (M23)
93. Plessl, C., Otachi, E.O., Körner, W., Aventant-Oldewage, A., Jirsa, F. (2017) Fish as bioindicators for trace element pollution from two contrasting lakes in the Eastern Rift Valley, Kenya: spatial and temporal aspect. *EnvironemntalScience and Pollution Research* 24(24), 19767-19776.

94. Kostić, J., Kolarević, S., Kračun-Kolarević, M., Aborgiba, M., Gačić, Z., Paunović, M., Višnjić-Jeftić, Ž., Rašković, B., Poleksić, V., Lenhardt, M., Vuković-Gačić, B. (2017) The impact of multiple stressors on the biomarkers response in gills and liver of freshwater breams during different seasons. *Science of the Total Environment* 601-602, 1670-1681. (M21a)
95. Viana, L.F., Súarez, Y.R., Cordoso, C.A.L., Crispim, B.A., Grisolia, A.B., Lima-Junior, S.E. (2017) Mutagenic and genotoxic effects and metal contaminations in fish of the Amambai River, Upper Paraná RIver, Brazil. *Environmental Science and Pollution Research* 24(35), 27104-27112. (M22)
96. Afonso, A., Gutiérrez, Á.J., Lozano, G., González-Weller, D., Lozano-Bilbao, E., Rubio, C., Caballero, J.M., Revert, C., Hardisson, A. (2018) Metals in *Diplodus sargus cadenati* and *Sparisoma cretense* – a risk assessment for consumers. *Environmental Science and Pollution Research* 25(3), 2630-2642. (M22)
97. Fuentes Gandara, F., Pinedo Hernández, J., Marrugo Negrete, J. (2018) Heavy metals in fish species from the Mallorquín swamp, Colombia. *Espacios* 39(3), 19. (M23)
98. Puntoriero, M.L., Fernandez Cirell, A., Volpedo, A.V. (2018) Histopathological changes in liver and gills of *Odontesthes bonariensis* inhabiting a lake with high concentrations of arsenic and fluoride (Chasicó Lake, Buenos Aires Province). *Revista International de Contaminacion Ambiental* 34(1), 69-77. (M24)
99. Liu, X., Jiang, J., Yan, Y., Dai, Y., Deng, B., Ding, S., Su, S., Sun, W., Li, Z., Gan, Z. (2018) Distribution and risk assessment of metals in water, sediment, and wild fish from Jinjiang River in Chengdu, China. *Chemosphere* 196, 45-52. (M21)
100. Dalzochio, T., Rodrigues, G.Z.P., Simões, L.A.R., de Souza, M.S., Petry, I.E., Andriguetti, N.B., Silva, G.J.H., da Silva, L.B., Gehlen, G. (2018) *Environmental Science and Pollution Research* 25(10), 9486-9500. (M22)
101. La Colla, N.S., Botté, S.E., Marcovecchio, J.E. (2018) Metals in coastal zones impacted with urban and industrial wastes: Insights on the metal accumulation pattern in fish species. *Journal of Marine Systems* 181, 53-62. (M21)
102. Afandi, I., Talba, S., Benhra, A., Benbrahim, S., Chifiri, R., Labonne, M., Masski, H., Laë, R., Tito De Morais, L., Bekkali, M., Bouthir, F.Z. (2018) Trace metal distribution in pelagic fish species from the north-west African coast (Morocco). *International Aquatic Research* 10(2), 191-205.
103. Abd Kadir, N.H., Mahmud, M.F., Mohd Zainol, M.K., Malek, M.A., Harrison, F.S. (2018) Heavy metals content in paraphilometroides nemipteri from south China sea may influence level of gluthathione and P38 protein expression. *Sains Malaysiana* 47(7), 1393-1400. (M23)
104. Bakshi, M., Ghosh, S., Chakraborty, D., Hazra, S., Chaudhuri, P. (2018) Assessemnt of potentially toxic metal (PTM) pollution in mangrove habitats using biochemical markers: A case study on *Avicennia officinalis* L. in and around Sundarbab, India. *Marine Pollution Bulletin* 133, 157-172. (M21a)
105. Campos, S.A.B., Dal-Magro, J., de Souza-Franco, G.M. (2018) Metals in fish of different trophic levels in the area of influence of the AHE FOz do Chapecó reservoir, Brazil. *Environmental Science and Pollution Research* 25(26), 26330-26340. (M22)
106. Djikanović, V., Skorić, S., Spasić, S., Naunovic, Z., Lenhardt, M. (2018) Ecological risk assessment for different macrophytes and fish species in reservoirs using biota-sediment accumulation factors as a useful tool. *Environmental Pollution* 241, 1167-1174. (M21a)
107. Spuza, I.D.C., Morozesk, M., Bonomo, M.M., Azevedo, V.C., Sakuragui, M.M., Elliott, M., Matsumoto, S.T., Wunderlin, D.A., Baroni, M.V., Monferrán, M.V., Fernandes, M.N. (2018) Differentiatial biochemical responses to metal/metalloid accumulation in

organs of an edible fish (*Centropomus parallelus*) from Neotropical estuaries. *Ecotoxicology and Environmental Safety* 161, 260-269. (M21)
108. Gobi, N., Vaseeharan, B., Rekha, R., VIjayakumar, S., Faggio, C. (2018) Bioaccumulation, citotoxicity and oxidative stress of the acute exposure selenium in *Oreochromis mossambicus*. *Ecotoxicology and Environmental Safety* 162, 147-159. (M21)
109. Simon, O., Garnaire, B., Sommard, V., Pierrisnard, S., Camilleri, V., Carasco, L., Gilbin, R., Frelon, S. (2019) Uranium transfer and accumulation in organs of *Dani rerio* after waterborne exposure alone or combined with diet-borne exposure. *Environmental Toxicology and Chemistry* 38(1), 90-98. (M22)
110. Almeida, D.S., Brígido, M.M., Anjos, M.J., Ferreira, S.T., Souza, A.S., Lopes, R.T. (2019) Using a portable total reflection X-ray fluorescence system for a multielemental analysis of Swiss mice brains with experimental Alzheimer's disease induced by β-amyloid oligomers. *X-Ray Spectrometry* 48(5), 452-464. (M23)
111. Despotović, S.G., Prokić, M.D., Gavrić, J.P., Gavrilović, B.R., Radovanović, T.B., Borković-Mitić, S.S., Pavlović, S.Z., Saičić, Z.S. (2019) Evaluation of the rive snail *Viviparus acerosus* as a potential bioindicator species of metal pollution in frshwater ecosystems. *Archives of Biological Sciences* 71(1), 39-47. (M23)
112. Amé, M.V., Ballesteros, M.L., Bistoni, M.L.Á., Hued, A.C., Monferrán, M.V., Wunderline, D.A. (2019) Effects of river pollution on its biota: Results from a 20-year study in the suquía river basin (córdoba, argentina). In: Gómez-Oliván, L.M. 2019. *Pollution of Water Bodies in Latin America: Impact of Contaminants on Species of Ecological Interest* 177-200. (M10)
113. Vasile, D., Gaina, G., Petcu, L.C., Coprean, D., Tofan, L., Dinischiotu, A. (2019) Bioaccumulation of Copper and Zinc and the Effects on Antioxidant Enzyme Activities in the Liver of *Acipenser stellatus* (Pallas, 1771). *Bulletin of Environmental Contamination and Toxicology* 102(1), 39-45. (M23)
114. Shivaramu, S., Santo, C.E., Kašpar, V., Bierbach, D., Gessner, J., Rodina, M., Gela, D., Flajšhans, M., Wuertz, S. (2019) Critical swimming speed of sterlet (*Acipenser ruthenus*): Does intraspecific hybridization affect swimming performance? *Journal of Applied Ichthyology* 35(1), 217-225. (M23)
115. Robelato, M.G., Rodrigues, A.M., Thomaz, A.G.D.B., Saran, L.M., Madaleno, L.L., Oliveira, O.J.D. (2019) Developing an index to assess human toxicity potential of sgarcane industry. *Journal of Cleaner Production* 209, 1274-1284. (M21a)
116. Dehghani, Z., Hosseini, M., Mohammadnejad, J., Ganjali, M.R. (2019) Novel colorimetric sensor based on peroxidase-like activity of chitosan-stabilized Au/Pt nanoclusters for trace lead. *Analytical Methods* 11(5), 684-690. (M22)
117. Zuliani, T., Vidmar, J., Drinčić, A., Ščančar, J., Horvat, M., Nečemer, M., Piria, M., Simonović, P., Paunović, M., Milačič, R. (2019) Potentially toxic elements in muscle tissue of different fish species from the Sava River and risk assessment for consumers. *Science of the Total Environment* 650, 958-969. (M21a)
118. Sunjog, K., Kolarević, S., Krančun-Kolarević, M., Višnjić-Jeftić, Ž., Gačić, Z., Lenhardt, M., Vuković-Gačić, B. (2019) Seasonal variation in metal concentration in various tissues of the European chub (*Squalius cephalus* L.)- *Environmental Science and Pollution Research* 26(9), 9232-9243. (M22)
119. Kalantzi, I., Mylona, K., Pergantis, S.A., Coli, A., Panopoulos, S., Tsapakis, M. (2019) Elemental distribution in the different tissues of brood stock from Greek hatcheries. *Aquaculture* 503, 175-185. (M21a)
120. Plessl, C., Gilbert, B.M., Sigmund, M.F., Theiner, S., Avanant-Oldewage, A., Keppler, B.K., Jirsa, F. (2019) Mercury, sliver, selenium and other trace elements in three

cyprinid fish species from the Vaal Dam, South Africa, including implications for fish consumers. *Science of the Total Environment* 659, 1158-1167. (M21a)
121. Kwaansa-Ansha, E.E., Nti, S.O., Opoku, F. (2019) Heavy metals concentration and human health risk assessment in seven commercial fish species from Asafo Market, Ghana. *Food Science and Biotechnology* 28(2), 569-579. (M23)
122. Kovacik, A., Tvrda, E., Miskeje, M., Arvay, J., Tomka, M., Zbynovska, K., Andreji, J., Hleba, L., Kovacikova, E., Fik, M., Cupka, P., Nahacky, J. (2019) Trace Metals in the Freshwater Fish *Cyprinus carpio*: Effect to Serum Biochemistry and Oxidative Status Markers. *Biological Trace Element Research* 188(2), 494-507. (M22)
123. Trevizani, T.H., Domit, C., Vedolin, M.C., Angeli, J.L.F., Figueira, R.C.L. (2019) Assessment of metal contamination in fish from estuaries of south and southeaste Brazil. *Environmental Monitoring and Assessment* 191(5), 308. (M22)
124. Maurya, P.K., Malik, D.S. (2019) Bioaccumulation of heavy metals in tissues of selected fish species from Ganga river, India, and risk assessment for human health. *Human and Ecological Risk Assessment* 25(4), 905-923. (M22)
125. Akwu, N.A., Naidoo, Y., Singh, M. (2019) A comparative study of the proximate, FTIR analysis and mineral elements of the leaves and stem bark of Grewia lasiocarpa E.Mey. ex Harv.: An indigenous southern African plant. *South African Journal of Botany* 123, 9-19. (M22)
126. Awual, M.R., Islam, A., Hasan, M.M., Rahman, M.M., Asiri, A.M., Khaleque, M.A., Chanmiya Sheikh, M. (2019) Introducing an alternative conjugated material for enhanced lead(II) capturing from wastewater. *Journal of Cleaner Production* 224, 920-929. (M21a)
127. Farhadiannezhad, M., Ali Malakeskeh, S.M., Mojaddami, A., Abbasi, S., Noorizadeh, N., Chamkouri, N. (2019) ICP-OES determination of elements in dorema aucheri and suaeda maritima. *Indian Journal of Forensic Medicine and Toxicology* 13(3), 500-505. (M24)
128. Subotić, S., Višnjić-Jeftić, Ž., Đikanović, V., Spasić, S., Krpo-Ćetković, J., Lenardt, M. (2019) Metal Accumulation in Muscle and Liver of the Common Nase (*Chondrostoma nasus*) and Vimba Bream (*Vimba vimba*) from the Danube River, Serbia: Bioindicative Aspects. *Bulletin of Environmental Contamination and Toxicology* 103(2), 261-266. (M23)
129. Mijošek, T., Filipović Marijić, V., Dragun, Z., Ivanković, D., Krasnići, N., Erik, M., Gottstein, S., Lajtner, J., Sertić Perić, M., Matoničkin Kepčija, R. (2019) Comparison of electrochemically determined merallothionein concentratins in wild freshwater salmonfish and gammarids and their relation to total and cytosolic metal levels. *Ecological Indicators* 105, 188-198. (M21)
130. Friedrich, T., Reinartz, G., Gessner, J. (2019) Sturgeon re-introduction in the Upper and Middle Danube River Basin. *Journal of Applied Ichthyology* 35(5), 1059-1068. (M23)
131. Pérez, P.A., Hintelmann, H., Lobos, G., Bravo, M.A. (2019) Mercury and methylmercury levels in soils associated with coal-fired power plants in central-northern Chile. *Chemosphere* 237, 124535. (M21)
132. Mijošek, T., Marijić, V.F., Dragun, Z., Ivanković, D., Krasnići, N., Redžović, Z., Veseli, M., Gottstein, S., Lajtner, J., Perić, M.S., Kepčija, R.M., Erk, M. (2020) Thallium accumulation in different organisms from karst and loweland rivers of Croatia under wastewater impact. *Environmental Chemistry* 17(2), 201-212. (M22)
133. Khoshbavar Rostam, H.A., Yelghi, S. (2020) Acute toxicity and hematological indices and biochemical parapeters of gian sturgeon, *Huso huso* after acute exposure to crude oil. *Iranian Journal of Fisheries Sciences* 19(3), 1292-1303. (M23)

134. Kumar, M., Gupta, N., Ratn, A., Awasthi, Y., Prasad, R., Trivedi, A., Trivedi, S.P. (2020) Biomonitoring of Heavy Metals in River Ganga Water, Sediments, Plant, and Fisheries of Different Trophic Levels. *Biological Trace Element Research* 193(2), 536-547. (M22)
135. Sow, A.Y., Ismail, A., Zulkifli, S.Z., Azmai, M.N.A., Hambali, K. (2020) Assessment on reproductive biology of asian swamp eel, monopterus javanesis la cepede 1800 in relation to the impact of paddy practice management in Kelantan, Malaysia. *Pertanika Journal of Tropical Agricultural Science* 43(1), 65-79.
136. Canpolat, O. (2020) Assessment of potential human health risk from some heavy metals and arsenic via consumption. *Fresenius Environmental Bulletin* 29(3), 1686-1694. (M23)
137. Silva, C.A.D., Santos, S.D.O., Garcia, C.A.B., de Pontes, G.C., Wasserman, J.C. (2020) Metals and arsenic in marine fish commercialized in the NE Brazil: Risk to human health. *Human and Ecological Risk Assessment* 26(3), 695-712. (M22)
138. Meenakshi, N., Fathima, K.A., Vandana Priya, M.R. (2020) A study on the ameliorative effects of spirulina platensis on copper induced hepato-toxicity in *Cyprinus carpio*. *International Journal of Advanced Science and Technology* 29(4 Special Issue), 1968-1981.
139. Asli, M., Atittadeh, M., Moghaddamjafari, A., Mohsenzadeh, M. (2020) Copper, Iron, Manganese, Zinc, Cobalt, Arsenic, Cadmium, Chrome, and Lead Concentracion in Liver and Muscle in Iranian Camel (*Camelus dromedarius*). *Biological Trace Element Research* 194(2), 390-400. (M22)
140. Kumar, A., Kumar, A., Jha, S.K. (2020) Distribution and bioaccumulation of heavy metal in water, sediment and fish tissue from the river mahananda in seemanchal zone, north Bihar, India. *International Journal of Aquatic Biology* 8(2), 109-125.
141. Abalaka, S.E., Enem, S.I., Idoko, I.S., Sani, N.A., Tenuche, O.Z., Ejeh, S.A., Sambo, W.K. (2020) Heavy metals bioaccumulation and health risks with associated histopathological changes in *Clarias gariepinus* from the Kado fish market, Abuja, Nigeria. *Journal of Health and Pollution* 10(26), 1-12.
142. Obradović, S., Pantelić, M., Stojanović, V., Tešin, A., Dolinaj, D. (2020) Danube water quality and assessment on ecotourism in the biosphere reserve ''Bačko Podunavlje'' in Serbia. *Water Science and Technology: Water Supply* 20(4), 1215-1228. (M23)
143. Varol, M., Kaçar, E., Akin, H.K. (2020) Accumulation of trace elements in muscle, gill and liver of fish species (*Capoeta umbla* and *Luciobarbus mystaceus*) in the Tigris River (Turkey), and health risk assessment. *Environmental Research* 186, 109570. (M21)
144. Sallah, S.M., El-Gaar, D.M. (2020) Physiological and histological alterbations in fishes induced by pollution in Lake Nasser and the potential human risk assessment. *Egyptian Journal of Aquatic Biology and Fisheries* 24(4), 373-390.
145. Salimi, M., Behbahani, M., Sobhi, H.R., Ghambarian, M., Esrafili, A. (2020) Trace measurement of lead and cadmium ions in wastewater samples using a novel dithizone immobilized metal-organic framework-based μ-dispersive sloid-phase extraction. *Applied Organometallic Chemistry* 34(8), e5715. (M21)
146. Ge, M., Liu, G., Liu, H., Liu, Y. (2020) Levels if metals in fish tissues of *Liza haematocheila* and *Lateolabrax japonicus* from the Yellow River Delta of China and risk assessment for consumers. *Marine Pollution Bulletin* 157, 111286. (M21a)
147. Madzingira, O., Lifumbela, L.Z., Kandiwa, E., Kandjengo, L., Mushonga, B. (2020) Cadmium and lead levels in three freshwater fish species fromthe Zambezi region, Namibia. *African Journal of Aquatic Science* 45(4), 520-524. (M23)

148. Sula, E., Aliko, V., Barceló, D., Faggio, C. (2020) Combined effects of moderate hypoxia, pesticides and PCBs upon crucian carp fish, *Carassius carassius*, from a freshwater lake-in situ ecophysiological approach. *Aquatic Toxicology* 228, 105644. (M21a)
149. Sarlak, Z., Hosseini, H., Garavand, F., Mohammadi, R., Rouhi, M. (2021) The Occurence of Lead in Animal Source Food in Iran in the 2010s Decade: A Systematic Review. *Biological Trace Element Research* 200(4), 1917-1936. (M22)
150. Muhammad, S., Ali, W., ur Rehman, I. (2021). Potentially Harmful Elements Accumulation and Health Risk Assessment of Edible Fish Tissues Caught from the Phander Valley, Northern Pakistan. *Biological Trace Element Research* 200(11), 4837-4845. (M22)
151. Naangmenyele, Z., Ncube, S., Akpabey, F.J., Dube, S., Nindi, M.M. (2021) Bioaccumulation and human risk assessment of heavy metals in *Oreochromis niloticus* and *Clarias gariepinus* fish species from the Golinga reservoir, Ghana. *South African Journal of Chemistry* 75, 111-116. (M23)
152. Simionov, I.-A., Cristea, D.S., Petrea, S.-M., Mogodan, A., Nicoara, M., Plavan, G., Baltag, E.S., Jijie, R., Strungaru, S.-A. (2021) Preliminary investigation of lower Danube pollution caused by potentially toxic metals. *Chemosphere* 264, 128496. (M21)
153. Mijošek, T., Filipović Marijić, V., Dragun, Z., Ivanković, D., Krasnići, N., Redžović, Z., Erk, M. (2021) Intestine of invasive fish Prussian carp as a target organ in metal exposure assessment of the wastewater impacted freshwater ecosystem. *Ecological Indicators* 122, 107247. (M21)
154. da Silva, C.A., Garcia, C.A.B., de Santana, H.L.P., de Pontes, G.C., Wasserman, J.C., da Costa, S.S.L. (2021) Metal and metalloid concentracions in amrine fish marketed in Salvador, BA, northeastern Brazil, and Associated human health risk. *Regional Studies in Marine Science* 43, 101716. (M22)
155. Li, C., Ran, F., Li, Z., Huang, S., Duanzhi, D., Liu, Y., Wu, M., Li, Q., Wang, Y., Liu, C., Wang, Z., Wang, G. (2021) Calcineurin Immune Signaling in Response to Zinc Challenge in the Naked Carp *Gymnocypris eckloni*. *Bulletin of Environmental Contamination and Toxicology* 106(5), 792-798. (M23)
156. Sheikhzadeh, H., Hamidian, A.H. (2021) Bioaccumulation of heavy metals in fish species of Iran: a review. *Environmental Geochemistry and Health* 43(10), 3749-3869. (M22)
157. Jantawongsri, K., Nørregaard, R.D., Bach, L., Dietz, R., Sonne, C., Jørgensen, K., Lierhagen, S., Ciesielski, T.M., Jenssen, B.M., Haddy, J., Eriksen, R., Nowak, B. (2021) Histopathological effects of short-term aqueous exposure to environmentally relevant concentration of lead (Pb) in shorthorn sculpin (*Myoxocephalus scorpius*) under laboratory conditions. *Environmental Science and Pollution Research* 28(43), 61423-61440. (M22)
158. Chan, W.S., Routh, J., Luo, C., Dario, M., Miao, Y., Luo, D., Wei, L. (2021) Metal accumulations in aquatic organisms and health risk in an acid mine affected site in South China. *Environmental Geochemistry and Health* 43(11), 4415-4440. (M22)
159. Simukoko, C.K., Mwakalapa, E.B., Bwalya, P., Muzandu, K., Berg, V., Mutoloki, S., Polder, A., Lyche, J.L. (2022) Assessment of heavy metals in wild and farmed tilapia (*Oreochromis niloticus*) on Lake Kariba, Zambia: implications for human and fish health. *Food Additives and Contaminants – Part A Chemistry, Analysis, Control, Exposure and Risk Assessment* 39(1), 74-91. (M22)
160. Filipović Marijić, V., Mijošek, T., Dragun, Z., Retmann, A., Zitek, A., Prohoska, T., Bačić, N., Redžović, Z., Grgić, I., Krasnići, N., Valić, D., Kapetanović, D. (2022)

Application of Calcified Structures in Fish as Indicators of Metal Exposure in Freshwater Ecosystems. *Environments-MDPI* 9(2), 14.
161. Afzal, F., Samiullah, Ashraf, N., Muhammad, A., Muhhamad, S., Khalil, H., Abdul, H., Sonia, T. (2022) Measurement of iron, manganese, copper, cobalt and lead to assess the edible fitness of *M. cephalus* collected from Lasbela (Balochistan), Pakistan, using atomic absorption spectroscopy. *Malaysian Journal of Science* 41(1), 54-75.
162. Banan, A., Forouharmehr, A., Kalbassi, M.R., Esmaeilbeigi, M., Bahmani, M., Sadati, M.Y., Kolok, A.S., Rogan, E.G. (2022). Salinity gradients exacerbate the genotoxicity and bioaccumulation of silver nanoparticles in fingerling Perisan sturgeon (*Acipenser persicus*). *Regional Studies in Marine Science* 52, 102264. (M22)
163. Correia, E., Granadeiro, J.P., Vale, C., Catry, T. (2022). Linking trophic ecology with element concentration in a coastal fish community of the Bijagós Archipelago, West Africa. *Marine Pollution Bulletin* 178, 113555. (M21a)
164. Mijošek, T., Filipović Marijić, V., Dragun, Z., Ivanković, D., Krasnići, N., Erk, M. (2022). *Journal of Trace Elements in Medicine and BIology* 73, 127037. (M22)
165. Tifarouine, L., Boutahar, L., Benabbou, A., Idrissi, H.R., Bouarakia, O., Benmokhtar, S., El Abidi, A., Fekhaoui, M., Benhoussa, A. (2022). Evaluation of biocencentration of trace elements in the Western Mediterranean mouse *Mus spretus* at two Moroccan wetland sites. *Biologica* 77(10), 2843-2855.
166. Fazli, H., Behrouz Khoshghalb, M.R., Abdolmaleki, S. (2022). A Multi-species medeling approach to consider the effects of environmental parameteres on Caspian sturgeon fish stock status. *Regional Studies in Marine Science* 56, 102666. (M22)
167. Rodriguez-Levy, I.E., Van Damme, P.A., Carvajal-Vallejos, F.M., Bervoets, L. (2022). Trace element accumultaion in different edible fish species from the Bolivian Amazon and the risk for human consumption. *Heliyon* 8(11), e11649. (M22)
168. Solyak, M., Ungur, I., Ozalp, O. (2023). Magnetic solid-phase extranction of nickel(II) as the 2-(5-bromo-2-pyridilazo)-5-(diethylamino)phenol chelate on magnetite@methacrylic ester copolymer prior to high-resolution-continuum source flame atomic absorption spectrometric detection. *Instrumentation Science and Technology* 51(4), 447-464. (M23)
169. Biolé, F.G., Vegh, S.L., de Carvalho, B.M., Bavio, M., Tripodi, P., Valpedo, A.V., Thompson, G. (2023). Health risk assessment and differential distribution of Arsenic and metals in organs of *Urophycis brasiliensis* a commercial fish from Southwestern Atlantic coast. *Marine Pollution Bulletin* 187, 114499. (M21a)
170. Milošković, A., Simić, V. (2023). Bioaccumulation of potentially toxic elements in fish species of Serbia: a review. *Environmental Science and Pollution Research* 30(12), 32255-32277. (M22)
171. Hamidian, A.H., Sheikhzadeh, H., Boujari, A., Eagderi, S., Ashrafi, S. (2023). Comparative assessment of human health risk associated with heavy metals bioaccumulation in fish species (*Barbus grypus* and *Tenualosa ilisha*) form the Karoon River, Iran: Elucidating the role of habitat and feeding habitats. *Marine Pollution Bulletin* 188, 114623. (M21a)
172. Pradhoshini, K.P., Priyadharshini, M., Santhanabharathi, B., Ahmed, M.S., Parveen, M.H.S., War, M.U.D., Musthafa, M.S., Alam, L., Falco, F., Faggio, C. (2023). Biological effects of ionizing radiation on aquatic biota – A crutical review. *Environemntal Toxicology and Pharmacology* 99, 104091.
173. Strat, D., Gheorghe, I.F. (2023). Conservation Status and Effectiveness of the National and International Policies for the Protection and Conservation of Sturgeon in the Danube River and Black Sea Basin. *Diversity* 15(4), 568. (M22)

174. Filipović Marijić, V., Krasnići, N., Valić, D., Kapetanović, D., Vardić Smrzlić, I., Jordanova, M., Rebok, K., Ramani, S., Kostov, V., Nastova, R., Dragun, Z. (2023). Pollution impact on metal and biomarker responses in international cytosol of freshwater fish. *Environmental Science and Pollution Research* 30(23), 63510-63521. (M22)
175. Nigariga, P., Saren, D., Varma, R., Sugumar, V. (2023). Assessemnt of trace metal bioaccumulation on the shell of edible gastropod *Chirocerus ramosus* and *Hemifusus pugilinus*. *Enviromental Monitoring and Assessemnt* 195(5), 608.
176. Ayodele, O.S., Adelodun, A.A., Oluwagbohunmi, A. (2023). Trace metal concentration in common fishes from the Lagos lagoon, Southwestern Nigeria. *Regional Studies in Marine Science* 60, 102844. (M22)
177. Sen, P., Das, N., Saha, N.C., Ghosh, S., Mondal, A., Mandal, S. (2023). Modeling of Cadmium Bioaccumulation Dynamics in *Channa punctata* (Bloch, 1793) of Dankuni Wetland Ecosystem and Assessment of Risk to Human Helath. *Applied Biochemistry and Biotechnology* 195(6), 3681-3698. (M23)
178. Cordeli, A.N., Opera, L., Cretu, M., Dediu, L., Coadă, M.T., Minzală, D.N. (2023). Bioaccumulation of MEtals in Some Fish species from the Romanian Danube River: A Review. *Fishes* 8(8), 387.
179. Llamazares Vegh, S., Biolé, F., Volpedo, A.V. (2023). Essential and toxic elements in juvenile migratory commercial fish species in the Paraná River alluvial valley (South America): an Approach for aquatic environmental monitoring. *Environmental Monitoring and Assessment* 195(9), 1079. (M22)
180. Sree, A.J., rinivasulu, A., Panigrahi, T. Aruna, B., Biswas, J., Rao, A.D.P. (2023). Tissue-species trace elements consetration and human health risk assessment in three marine fish species from Visakhapatnam to Kakinada coasts. *Radiation Detection Technology and Methods* 7(4), 611-626.
181. Wang, P., An, G., Jarvis, P., Liu, W., Ding, S., Qu, R., Li, Z., Ye, C., Chu, W. (2024). Simultaneous removal of organic micropollutants and metals from water by a multifunctional β-cyclodextrin polymer-supported-polyaniline composite. *Chemical Engineering Journal* 482, 148826. (M21a)
182. Şirin, M., Bayark, E.Y., Baltaş, H. (2024). Humam health risk assessment of heavy metals accumulation in different granders and tissues of whiting fish (*Merlangius merlangus euxinus* Nordmann, 1840) from Rize, Turkey. *Journal of Food, Composition and Analysis* 127, 105971. (M21)
183. Biolé, F.G., Vegh, S.L., Bavio, M., Tripodi, P., Volpedo, A.V., Thompson, G. (2024). Essential and non-essential elements in marine silverside *Odontesthes argentinensis* from soutwestern Atlantic coast: Tissues biaccumulation, biomagnification and public health risk assessment. *Food and Chemical Toxicology* 185, 114452. (M21)
184. Lazăr, N.-N., Simionov, I.-A., Petrea, S.-M., Iticesu, C., Georgescu, P.-L., Dima, F., Antache, A. (2024). The influence of climate changes on heavy metals accumulation in *Alosa immaculata* from the Danube River Basin. *Marine Pollution Bulletin* 200, 116145. (M21a)
185. Petrovskiy, A.B., Ksenofontov, D.A., Kozhanova, E.I., Reshetnikov, A.N. (2024). COncentration of Trace Elements (Mn, Zn, Cu, Fe, Ni, Co and Cd) in Invansive Fish *Perccottus glenii* in Water Bodies of Moscow. *Russian Journal of Biological Invasions* 15(1), 112-118. (M21)
186. Huang, H., Hu, Z., Zhao, X. Cheng, X., Chen, J., Wang, Z., Qian, H., Zhang, S. (2024). Trophic transfer of hevay metals across four trophic level based on muscle tissue residuals: a case study of Dachen Fishing Ground, the East China Sea. *Environmental Monitoring and Assessment* 196(4), 361. (M22)

187. Bakhasha, J., Trivedi, S.P., Yadav, K.K., Saxena, V., Arya, N., Trivedi, A. (2024). Copper toxicity investigated at the biochemical, genotoxicological and histopathological levels under environmentally relevant concentration on food fish *Channa punctatus*. *Journal of Environmental Biology* 45(3). 288-299. (M23)
188. Purbonegoro, T., Damar, A., Riani, E., Butet, N.A., Cordova, M.R. (2024). Accumulation of Cd and Pb in sediments and Asian swamp eels (*Monopterus albus*) from downstream area of Cisadan River, Indonesia. *Environmental Monitoring and Assessment* 196(6), 496. (M22)
189. Boata, M.W., Soomra, S.-e-h., Xia, H., Qin, Y., Kakakhel, M.A., Yan, C., Weiran, L., Xu, J. (2024). Distribution and bioaccumulation of trace elements in two Cyprinidae fish species in Indus river, Pakistan, including the impact of hydraulic structure on macroivertebrates' biodiversity. *Environmental Research* 252, 118882. (M21)

Рад бр. 5. Poleksić, V., Lenhardt, M., Jarić, I., Djordjević, D., Gačić, Z., Cvijanović, G., Rašković, B. (2010). Liver, gills, and skin histopathology and heavy metal content of the Danube sterlet (*Acipenser ruthenus* Linnaeus, 1758). *Environmental Toxicology and Chemistry* 29(3), 515-521.

Цитиран је **101** пута**:**

1. Gupta, N., Dua, A. (2010). Mercury induced behavioral alterations in *Channa punctatus*. *Pollution Research* 29(4), 721-723.
2. Wepener, V., van Dyk, C., Bervoets, L., O'Brien, G., Covaci, A., Cloete, Y. (2011). An assessment of the influence of multiple stressors on the Vaal River, South Africa. *Physics and Chemistry of the Earth* 36(14-15), 949-962. (M22)
3. Lorenço, J., Silva, A., Carvalho, F., Olivveira, J., Malta, M., Mendo, S., Gonçalves, F., Pereira, R. (2011). Histopathological changes in the earthworm *Eisenia andrei* associated with the exposure to metals and radionuclides. *Chemosphere* 85(10), 1630-1634. (M21)
4. Lenhardt, M., Gačić, Z., Vuković-Gačić, B., Poleksić, V., Višnjić-Jeftić, Z., Kolarević, S., Jarić, I. (2011). Ecological status of Serbian rivers based on an ichthyological assessment. *Studia Universitatis Vasile Goldis Arad. Seria Stiintele Vietii* 21(4), 855-860. (M24)
5. Skorić, S., Višnjić-Jeftić, Ž., Jarić, I., Djikanović, V., Mićković, B., Nikčević, M., Lenhardt, M. (2012). Accumulation of 20 elements in great cormorant (*Phalacrocorax carbo*) and its main prey, common carp (*Cyprinus carpio*) and Prussian carp (*Carassius gibelio*). *Ecotoxicology and Environmental Safety* 80, 244-251. (M21)
6. Pantelica, A., Ene, A., Georgescu, I.I. (2012). Instrumental neutron activation analysis of some fish species from Danube River in Romania. *Microchemical Journal* 103, 142-147. (M21)
7. Zubcov, E., Zubcov, N., Ene, A., Biletchi, L. (2012). Assessment of copper and zinc levels in fish from freshwater ecosystems of Moldova. *Environmental Science and Pollution Research* 19(6), 2238-2247. (M22)
8. Authman, M.M.N., Abbas, W.T., Gaafar, A.Y. (2012). Metals concentrations in Nile tilapia *Oreochromis niloticus* (Linnaeus, 1758) from illegal fish farm in Al-Minufiya

Province, Egypt, and their effects on some tissue structures. *Ecotoxicology and Environemtal Safety* 84, 163-172.
9. Lenhardt, M., Jarić, I., Višnjić-Jeftić, Ž., Skorić, S., Gačić, Z., Pucar, M., Hegediš, A. (2012). Concentrations of 17 elements in muscle, gills, liver and gonads of five economically important fish species from the Danube River. *Knowledge and Management of Aquatic Ecosystems* 407, 02. (M22)
10. Zrnčić, S., Oraić, D., Ćaleta, M., Mihajlević, Z., Zanella, D., Bilandžić, N. (2013). Biomonitoring of heavy metals in fish from the Danube River. *Environmental Monitoring and Assessment* 185(2), 1189-1198. (M22)
11. Barja-Fernández, S., Míguez, J.M., Álvarez-Otero, R. (2013). Histopathological effects of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) in the gills, intestine and liver of turbot (*Psetta maxima*). *Ecotoxicology and Environmental Safety* 98, 196-202. (M21)
12. Yancheva, V., Stoyanova, S., Velcheva, I., Petrova, S., Georgieva, E. (2014). Metal bioaccumulation in common carp and rudd from Topolnitsa reservoir, Bulgaria. *Arhiv za Higijenu Rada i Toksikologiju* 65(1), 57-66. (M23)
13. Milošković, A., Dojčinović, B., Simić, S., Pavlović, M., Simić, V. (2014). Heavy metal and trace element bioaccumulation in target tissues of thredd edible predatory fish species from Bovan Reservoir (Serbia). *Fresenius Environmental Bulletin* 23(8A), 1884-1891. (M23)
14. Jiang, D., Hu, Z., Liu, F., Zhang, R., Duo, B., Fu, J., Cui, Y., Li, M. (2014). Heavy metals level in fish from aquaculture farms and risk assessment in Lhasa, Tibetan Autonomous Region of China. *Ecotoxicology* 23(4), 577-583. (M22)
15. Chen, W.-Y., Liao, C.-M. (2014). Interprenting copper bioaccumulation dynamics in tilapia using systems-level exploarations of pulsed acute/chronic exposures. *Ecotoxicology* 23(6), 1124-1136. (M22)
16. Georgieva, E., Stoyanova, S., Veicheva, I., Vasileva, T., Bivolarski, V., Iliev, I., Yancheva, V. (2014). Metal effects on histological and biochemical parameters of common rudd (*Scardinius erythrophthalmus* L.). *Archive of Polish Fisheries* 22(3), 197-206.
17. Zeitoun, M.M., Mehana, E.-S.E. (2014). Impact of water pollution with heavy metals on fish health: Overview and updates. *Global Veterinaria* 12(2), 219-231.
18. Lenhardt, M., Poleksić, V., Vuković-Gačić, B., Rašković, B., Sunjog, K., Kolarević, S., Jarić, I., Gačić, Z. (2015). Integrated use of differnt fish related parameters to assess the status of water bodies. *Slovenian Veterinary Research* 52(1), 5-13. (M23)
19. Vasile, D., Tenciu, M., Patriche, N., Costache, M., Coprean, D., Dinischiotu, A., Tofan, L. (2015). The acute toxicity of copper and zinc on the protected stellate sturgeon juveniles (*Acipenser stellatus* Pallas, 1771). *Carpathian Journal of Earth and Environmental Sciences* 10(1), 101-106. (M23)
20. Milošković, A., Simić, V. (2015). Arsenic and other trace elements in five edible fish species in relation to fish size and weight and potential health risk for human consumption. *Polish Journal of Environmental Studies* 24(1), 199-206. (M23)
21. Georgieva, E., Yancheva, V., Velcheva, I., Becheva, M., Stoyanova, S. (2015). Histological alterations under metal exposure in gills of Eurpean perch (*Perca fluviatilis* L.) from Topolnitsa Reservoir (Bulgaria). *Archive of Biological Sciences* 67(2), 729-737.
22. Doering, J.A., Beitel, S.C., Eisner, B.K., Heide, T., Hollert, H., Giesy, J.P., Hecker, M., Wiseman, S.B. (2015). Identification and response to metals of metallothionein in two ancient fishes: White sturgeon (*Acipenser transmontanus*) and lake sturgeon (*Acipenser fluvescens*). *Comparative Biochemistry and Physiology Part-C: Toxicology and Pharmacology* 171, 41-48. (M21a)

23. Rašković, B., Poleksić, V., Višnjić-Jeftić, Z., Skorić, S., Gačić, Z., Djikanović, V., Jarić, I., Lenhardt, M. (2015). Use of histopathology and element accumulation in different organs of two benthophagous fish species as indicators of river pollution. *Environmental Toxicology* 30(10), 1153-1161. (M22)
24. Bubach, D.F., Macchi, P.J., Pérez Catán, S. (2015). Influence of volcanic activity and anthropic impact in the trace element contents of fishes from the North Patagonia in a global context. *Environmental Monitoring and Assessment* 187(11), 710. (M22)
25. Voigt, C.L., da Silva, C.P., Doria, H.B., Randi, M.A.F., de Oliveira Ribeiro, C.A., de Campos, S.X. (2015). Bioconcentration and bioaccumulation of metal in freshwater Neotropical fish *Geophagus brasiliensis*. *Environmental Science and Pollution Research* 22(11), 8242-8252. (M22)
26. Strzyzewska, E., Szarek, J., Babinska, I. (2016). Morphologic evaluation of the gills as a tool in the diagnostics of pathological conditions in fish and pollution in the aquatic environment: A review. *Veterinaria Medicina* 61(3), 123-132.
27. Ostaszewska, T., Chojnacki, M., Kamaszewski, M., Sawosz-Chwalibóg, E. (2016). Histopathological effects of silver and copper nanoparticles on the epidemis, gills and liver of Siberian sturgeon. *Environmental Science and Pollution Research* 23(2), 1621-1633. (M22)
28. Milošković, A., Dojčinović, B., Kovačević, S., Radojković, N., Radenković, M., Milošević, D., Simić, V. (2016). Spatial monitoring of heavy metals in the inland waters of Serbia: a multispecies approach based on commercial fish. *Environmental Science and Pollution Research* 23(10), 9918-9933. (M22)
29. Georgieva, E., Yancheva, V., Velcheva, I., Iliev, I., Vasileva, T., Bivolarski, V., Becheva, M., Stoyanova, S. (2016). HIstological and biochemical changes in liver of common carp (*Cyprinus carpio* L.) under metal exposure. *North-Western Journal of Zoology* 12(2), 261-270. (M23)
30. Babić, S., Barišić, J., Malev, O., Klobučar, G., Popović, N.T., Strunjak-Petrović, I., Kransić, N., Čož-Rakovac, R., Klobučar, R.S. (2016). Sewege sludge toxicity assessment using earthworm *Eisenia fetida*: can biochemical and histopathological analysis provide fast and accurate insight? *Environmental Science and Pollution Resarch* 23(12), 12150-12163.
31. Copaja, S.V., Muñoz, G.S., Nuñez, V.R., Pérez, C., Vila, I., Véliz, D. (2016). Effects of a dam reservoir on the distribution of heavy metals in two Chilean native freshwater fish scpeices. *Bulletin of Environmental Contamination and Toxicology* 97(1), 24-30. (M23)
32. Ivanović, J., Janjić, J., Baltić, M., Milanov, R., Bošković, M., Marković, R.V., Glamočija, N. (2016). Metal concentracion in water, sediment and three fish species from Danube River, Serbia: a cause for environmental concern. *Environmental Science and Pollution Research* 23(17), 17105-17112. (M22)
33. Lorenço, J., Mendo, S., Pereira, R. (2016). Radioactively contaminated areas: Bioindicator species and biomarkers of effect in an early warning scheme for a preliminary risk assessment. *Journal of Hazardous Materials* 317, 503-542. (M21a)
34. Gerber, R., Wagenaar, G.M., Smith, W., Ikenaka, Y., Smith, N.J. (2017). Insights into the drivers of histopathological changes and potential as bio-indicator of riverine health of an aquatic apex predator from a premier conservation area: A multiple lines of evidence and multivariate statistics approach. *Ecological Indicators* 72, 530-544. (M21)
35. Dane, H., Şişman, T. (2017). A histopathological study on the freshwater fish species chub (*Squalius cephalus*) in the Karasu River, Turkey. *Turkish Journal of Zoology* 4(1), 1-11. (M23)

36. Stoyanova, S.G., Velchova, I.G., Yancheva, V.S., Molov, I., Georgieva, E.S. (2017). Biomarkers for Ex Situ Ni and Pb exposure in common carp (*Cyprinus carpio* L.). *Acta Zoologica Bulgarica* 69, 163-168. (M23)
37. Linnik, P.N., Skobley, M.P., Zhezherya, V.A. (2017). Content and distribution of heavy metals among their dissolved and suspended forms in the water of the rivers of the Tisza River Basin. *Hydrobiological Journal* 53(4), 98-118.
38. Hadian, A., Jamili, Sh., Porkazemi, M., Moradi, M.A., Yarmohammadi, M. (2017). Identification of metallothionein gene structure in sterlet (*Acipenser ruthenus*). *Iranian Journal of Fisheries Sciences* 16(4), 1267-1277. (M23)
39. Fu, D., Bridle, A., Leef, M., Norte dos Santos, C., Nowak, B. (2017) Hepatic expression of methal-related genes and gill histology in sand flathead (*Platycephalus bassensis*) from a metal contaminated esturay. *Marine Environmental Research* 131, 80-89. (M21)
40. Gundersen, D.T. Zeug, S.C., Bringolf, R.B., Merz, J., Jackson, Z., Webb, M.A.H. (2017) Tissue Contaminant Burdens in San Francisco Estuary White Sturgeon (*Acipenser transmotanus*): Implications for Population Recovery. *Archives of Environmental Contamination and Toxicology* 73(2), 334-347. (M22)
41. Kostić, J., Kolarević, S., Krančun-Kolarević, M., Aborgiba, M., Gačić, Z., Paunović, M., Višnjić-Jeftić, Ž., Rašković, B., Poleksić, V., Lenhardt, M., Vuković-Gačić, B. (2017). The impact of multiple stressors on the biomarkers response in gills and liver of freshwater breams during different seasons. *Science of the Total Environment* 601-602, 1670-1681. (M21a)
42. Linnik, P.N., Zhezherya, V.A. (2018). Zinc in natural surface waters: Content and forms of occurence. *Hydrobiological Journal* 54(1), 96-120.
43. Fathi, M., Binkowski, Lj., Azadi, N.A., Hamesadeghi, U., Mansouri, B. (2018). Co-exposure effects of mercury chloride ($HgCl_2$) and silver nanoparticles (Ag-NPs) on goldfish (*Carassius auratus*): Histopathological changes, oxidative stress response, and bioaccumulation. *Desalination and Water Treatment* 105, 264-272. (M23)
44. Vasile, D., Gaina, G., Petcu, L.C., Coprean, D., Tofan, L., Dinischiotu, A. (2018). Bioaccumulation of Copper and Zinc and the Effects on Antioxidant Enzyme Activities in the Liver of *Acipenser stellatus* (Pallas, 1771). *Bulletin of Environmental Contamination and Toxicology* 102(1), 39-45. (M23)
45. Chemagin, A.A., (2018) Review of some ecological aspects of sterlet (*Acipenser ruthenus* Linnaeus, 1758). *Vesnik of Astrakhan State Technical University*, 115-122
46. Jarić, I., Riepe, C., Gessner, J. (2018). Sturgeon and paddlefish life history and management: Experts' knowledge and beliefs. *Journal of Applied Ichthyology* 34(2), 244-257. (M23)
47. Nasyitah Sobihah, N., Ahmad Zaharin, A., Khairul Nizam, M., Ley Juen, L., Kyoung-Woong, K. (2018). Bioaccumulation of heavy metals in maricultured fish, *Lates calcarifer* (Barramudi), *Lutjanus campechanus* (red snapper) and *Lutjanus griseus* (grey snapper). *Chemosphere* 197, 318-324. (M21)
48. Wolf, J.C. (2018) Comparing apples and oranges and pears and kumquats: The Misuse of index systems for processing histopathology data in fish toxicological bioassays. *Environmental Toxicology and Chemistry* 37(6), 1688-1695. (M22)
49. Nørregaard, R.D., Dang, M., Bach, L., Geertz-Hansen, O., Gustavson, K., Aastrup, P., Leifsson, P.S., Søndergaard, J., Nowak, B., Sonne, C. (2018) Comparison of heavy metals, parasites and histopathology in sculpins (*Myoxecephalus spp.*) from two sites at a lead-zinc mine in North East Greenland. *Environmental Research* 165, 306-316. (M21)

50. Utami, N.R., Widiyaningrum, P., Iswari, R.S. (2018) Histologic structure of red nile tilapia fish (*Oreochromis nilloticus* Var.) gill which is exposed to lead acetate. *Journal of Physics: Conference Series* 983, 012181.
51. Adamek, D., Śliwiński, J., Ostaszewska, T., Fajkowska, M., Rzepkowska, M., Meguro, Y., Marzecki, K. (2018). Effect of copper and silver nanoparticles on trunk muscles in Rainbow Trout (*Oncorhynchus mykiss*, Walbaum, 1792). *Turkish Journal of Fisheries and Aquatic Sciences* 18(6), 781-788. (M23)
52. Dulić, Z., Živić, I., Pergal, M., Živić, M., Stanković, M., Manojlović, D., Marković, Z. (2018) Accumulation and seasonal variation of toxic and trace elements in tissues of *Cyprinus carpio* from semi-intensive aquaculture ponds. *Annales de Limnologie-International Journal of Limnology* 54(4). (M23)
53. Barišić, J., Marijić, V.F., Čož-Rakovac, R., Dragun, Z., Krasnić, N., Ivanković, D., Kružlicová, D., Erk, M. (2018) Evaluation of architectural and histopathological biomarkers in the intestine of brown trout (*Salmo trutta* Linnaeus, 1758) challenged with environmental pollution. *Science of The Total Environment* 642, 656-664. (M21a)
54. Friedrch, T. (2018) Danube Sturgeons: Past and Future. *Riverine Ecosystem Management* 507-518.
55. Neves, M.P., de Arruda Amorim, J.P., Delariva, R.L. (2018) Influence of land use on the health of a detrivorous fish (*Ancistrus mullerae*) endemic to the Iguassu ecoregion: relationship between agricultural land use and severe histopathological alteration. *Environmental Science and Pollution Research* 25(12), 11670-11682. (M22)
56. Đikanović, V., Skorić, S., Spasić, S., Naunović, Z., Lenhardt, M. (2018) Ecological risk assessment for different macrophytes and fish species in reservoirs using biota-sediment accumulation factors as a useful tool. *Environmental Pollution* 241, 1167-1174. (M21a)
57. Ghosh, A.R., Mondal, S., Kole, D. (2018) Environmental Impact Assessment: A Case Study on East Kolkata Wetlands. *Wastewater Management Through Aquaculture*, 285-303.
58. Sobihah, N.N., Zaharin, A.A., Nizam, M.K., Juen, L.L., Kyoung-Woong, K. (2018) Bioaccumulation of heavy metals in maricultured fish, *Lates calcifer* (Barramudi), *Litjanus campechanus* (red snapper) and *Litjanus griseus* (grey snapper). *Chemosphere* 197, 318-324. (M21)
59. Costodio, M., Zapata, F.C.C., Flores, D.J.C., Bulege-Gutiérrez, W. (2019). Potentially toxic metals in lotic systems with aptitude for aquaculture at the watershed Mantaro River, Peru. *Revista Ambiente e Agua* 14(1), e2261.
60. Popović, M., Nedić, D., Pećanac, B., Đorđević, V., Baltić, T., Branković Lazić, I., Ćirić, J. (2019) The toxic Element Concentration in Fish Tissues from Saničani Lake, an Urban Environment in Bosnia and Herzegovina. *Biological Trace Element Research*
61. Maheshwari, S., Dua, A. (2019) Ultrastructual changes in fin epithelium of *Channa punctatus* (Bloch) exposed to mercuric chloride: sem study. *Journal of Toxicology and Environmental Health*, Part A, 1-9. (M22)
62. Nnamudi, A.H., Briggs, T.-M. D., Togunde, O.O., Obanya, H.E. (2019) Antagonistic Effects of Sublethal Concentrations of Certain Mixtures of Metal Oxide Nanoparticles and the Bulk (Al_2O_3, CuO, and SiO_2) on Gill Histology in *Claris gariepinus*. *Journal of Nanotechnology* 2019, 1-11.
63. Reboa, A., Mandich, A., Cutroneo, L., Carbone, C., Malatesta, A., Capello, M. (2019) Baseline evaluation of metal contamination in teloest fishes of the Gulf of Tigullio (north-western Italy): Histopathology and chemical analysis. *Marine Pollution Bulletin* 141, 16-23. (M21a)

64. Benjamin, L.V., Kutty, R. (2019). Sub-lethal effects of potassium dichromate on hematological and histological parameters in climbing perch, *Anabas testudineus* (Anabantidae). *International Journal of Aquatic Biology* 7(3), 140-145.
65. Friedrich, T., Reinartz, R., Gessner, J. (2019). Sturgeon re-introduction in the Upper and Middle Danube River Basin. *Journal of Applied Ichthyology* 35(5), 1059-1068. (M23)
66. Linnik, P.N., Zhezherya, V.A., Linnik, R.P. (2019). Hydrochemical Regime of the Killya Delta of the Danube River in Retrospective and Modern Conditions: II. Metal Content and Seciation. *Russian Journal of General Chemistry* 89(13), 2865-2874. (M23)
67. Kormaz, C., Ay, Ö., Dönmez, A.E., Demirbağ, B., Erdem, C. (2020) Influence of Lead on Reproductive Physiology and Gonad and Liver Histology of Female *Cyprinus carpio*. *Thalassas: An International Journal of Marine Science* 36, 597-606. (M23)
68. Kornienko, V.O., Olifirenko, V.V. (2020) Dynamics of growing of Russian sturgeon (*Acipenser gueldenstaedtii*) larvae for different durations of cultivation. *Regulatory Mechanisms in Biosystems* 11, 3.
69. Puttipong, T., Senarat, S., Kettratad, J., Chantangsi, C., Kaneko, G., Siriwong, W. (2020) Evaluation of healt status of the striped catfish *Pangasianodon hypophthalmus* (Sauvage, 1878) from Khlong Saen Saep, Thailand: The use of integrated biomarkers. *Human and Ecological Risk Assessment: An International Journal* 27(4), 1-16. (M22)
70. Dane, H., Şişman, T. (2020) Effect of heavy metal pollution on hepatosomatic index and vital organ histology in *Alburnus mossulensis* from Karasu River. *Turkish Journal of Veterinary and Animal Sciences* 44(3), 607-617. (M23)
71. Vasile, D., Tofan, L., Tenciu, M., Patriche, N., Staicu, A.C. (2020). The effects of heavy metals on the intestine of cultured *Acipenser stellatus* (Pallas, 1771). *Carpathian Journal of Earth and Environmental Sciences* 15(1), 223-231. (M23)
72. Ridwan, F.F., Triastuti, J., Mukti, A.T. (2020). The effects of mercury chloride in different salinities on the histopathology of juvenile oreachromis miloticus. *AACL Bioflux* 13(3), 1463-1472
73. Savassi, L.A., Paschoalini, A.L., Arantes, F.P., Rizzo, E., Bazzoli, N. (2020) Heavy metal contaminantion in a highly consumed Brazilian fish: immunohistochemical and histopathological assessments. *Environmental Monitoring and Assessment* 192, 8. (M22)
74. Shi, L., Hu, X., Wang, N., Lioang, H., Wu, C., Cao, H. (2020) Histopathological examination and transcriptome analyses to assess the acute toxic effects of arsenite exposure on rare minnows (*Gobiocypris rarus*). *Ecotoxicology* 29(5), 613-624. (M22)
75. Macêdo, A.K.S., dos Santos, K.P.E., Brighenti, L.S., Windmöller, C.C., Barbosa, F.A.R., de Azambuja Ribeiro, R.I.M., dos Santos, H.B., Thomé, R.G. (2020) Histological and molecular changes in gill and liver of fish (*Astyanax lacustris* Lütken, 1875) exposed to water from the Doce basin after the rupture of mining tailings dam in Mariana, MG, Brazil. *Science of The Total Environment* 735, 139505. (M21a)
76. Shi, L., Wang, N., Hu, X., Yin, D., Wu, C., Liang, H., Cao, W., Cao, H. (2020) Acute toxic effect of lead (Pb^{2+}) exposure to rare minnow (*Gobiocypris rarus*) revealed by histopathological examination and transcriptome analysis. *Environmental Toxicology and Pharmacology*, 103385. (M22)
77. Popović, M., Nedić, D., Pećanac, B., Đorđević, V., Baltić, T., Branković Lazić, I., Ćirić, J. (2020). The Toxic Element Concentration in Fish Tissues from Saničani Lake, an Urban Environment, in Bosnia and Herzegovina. *Biological Trace Element Research* 197(1), 271-278.
78. Rey, A.L., Asin, J., Ruiz Zarzuela, I., Luján, L., Iregui, C.A., de Blas, I. (2020). A proposal of standardization for histopathological lesions to characterize fish diseases. *Reviews in Aquaculture* 12(4), 2304-2315. (M21a)

79. Jantawongsri, K., Nørregaard, R.D., Bach, L., Dietz, R., Sonne, C., Jørgensen, K., Lierhagen, S., Ciesielski, T.M., Jenssen, B.M., Haddy, J., Eriksen, R., Nowak, B. (2021) Histopathological effects of short-term aqueous exposure to environmentally relevant concentration of lead (Pb) in shorthorn sculpin (*Myoxocephalus scopius*) under laboratory conditions. *Environmental Science and Pollution Research* 28(43), 61423-61440. (M22)
80. Xu, C., Yan, H., Zhang, S. (2021) Heavy metal enrichment and health risk assessment of karst cave fish in Libo, Guizhou, China. *Alexandria Engineering Journal*. (M21a)
81. Burlakov, I., Volkova, I., Kryuchov, V., Egorova, V., Seidalieva, L. (2021). Adaptive and pathological responses of cyprinidae liver towards habitat in the Volga delta. *JOP Conference Series: Earth an Environmental Science* 937 (2), 022068.
82. Aissioui, S., Poirier, L., Amara, R., Ramdane, Z. (2021) Concentration of lead (Pb), cadmium (Cd), and mercury (Hg) in *Mullus barbatus barbatus* (L.) from Algerian coast and health risk associated to its consumptio. *Regional Studies in Marine Science*, 101959. (M22)
83. Kari, Z.A., Kabir, M.A., Dawood, M.A.O., Razab, M.K.A.A., Ariff, N.S.N.A., Srker, T. Pati, S., Edinur, H.A., Mat, K., Ismael, T.A., Wei, L.S. (2021) Effect of fish meal substitution with fermented soy pulp on growth performance, digestive enzyme, amino acid profile, and immune-related gene expression of African catfish (*Claris gariepinus*). *Aquaculture*, 737418. (M21a)
84. Tlenshieva, A.M., Witeska, M., Shalakhmetova, T.M. (2022). Genotoxic and histopathological effects of the Ili RIver (Kazakhstan) water pollution on the grass carp *Ctenopharyngodon idella*. *Environmental Pollutants and Bioavailability* 34(1), 297-307. (M23)
85. Zakaria, M.K., Wei, L.S. (2022). Effects of fermented soy pulp (Okara) on the growth performance and histopathological changes of red hybrid tilapia (*Oreochromis sp.*). *AIP Conference Proceeding* 2454, 020009. (M33)
86. Bencheikh, Z., Refes, W., Brito, P.M., Prodocimo, M.M., Gusso-Choueri, P.K., Choueri, R.B., de Oliveira Ribeiro, C.A. (2022). Chemical pollution impairs the health of fish species and fishery activities along the Algeria coastline, Mediterranean Sea. *Environmental Monitoring and Assessment* 194(7), 497. (M22)
87. Valkova, E., Atanasova, V., Tzanova, M., Atanassova, S., Siriakov, I., Velichkova, K., Marinova, M.H., Yakimova, K. (2022). Content of Pb and Zn in Sediments and Hydrobionts as Ecological Markers for Pollution Assessment of Freshwater Objects in Bulgaria – A Review. *International Journal of Environmental Research and Public Health* 19(15), 9600. (M22)
88. Gautam, K., Sth, M., Dwivedi, S., Jain, V., Vamadeva, B., Singh, D., Roy, S.K., Downs, C.A., Anbumani, S. (2022). Soil degradation kinetics of oxybenzone (Benzophenone-3) and toxicapathological assessment in the earthworm, *Eisenia fetida*. *Environmental Research* 213, 113689. (M21)
89. Santos, R.M.B., Cortes, R.M.V., Fernandes, L.F.S., Pacheco, F.A.L., Varandas, S.D.G.P., Monteiro, S.M.V. (2022). Combining Multiple Biomarkers to Evaluate the Environmental Stress in Cyprinid Populations. *Sustainability (Switzerland)* 14(19), 12596.
90. Fazli, H., Behrouz Khoshghalb, M.R., Abdolmaleki, S. (2022). A Multi-species modeling approach to consider the effects of environmental parameters on Caspian sturgeon fish stock status. *Regional Studies in Marine Science.* 56, 102666. (M22)
91. Zakaria, M.K., Kari, Z.A., Doan, H.V., Kabir, M.A., Harun, H.C., Sukri, S.A.M., Goh, K.W., Wee, W., Khoo, M.I., Wei, L.S. (2022). Fermented Soybean Meal (FSBM) in African Catfish (*Clarias garipinus*) Diets: Effects on Growth Performance, Fish Gut

Microbiota analysis, Blood Haematology, and Liver Morphology. *Life* 12(11), 1851. (M22)

92. Shah, Z.U., Parveen, S. (2022). Oxidative, biochemical and histopathological alternations in fishes from pesticide contaminated river Ganga, India. *Scientific Reports* 12(1), 3628. (M21)
93. Mahi, T.F., Chowdhury, G., Hossain, M.A., Baishnab, A.K., Schneider, P., Iqbal, M.M. (2022). Assessment of Lead (Pb) Toxicity in Juvenile Nile Tilapia, *Oreochromis niloticus* – Growth, Behavior, Erythrocytes Abnormalities, and Histological Altherations in Vital Organs. *Toxics* 10(12), 793. (M22)
94. Saad El-Din, M.I., Ghobashy, M.A., Mansour, F.A., El-Shenawy, N.S., Gad EL-Hak, H.N. (2023). The Biological, Histopathological, and Parasitic Abundance of *Oreachromis niloticus* Inhabiting Two Different Freshwater Canals. *Bulletin of Environmental Contamination and Toxicology* 110(1), 23.
95. Dey, S., Modak, B.K. (2023). Algea as a Bioremediation of Heavy Metal-Associated Water Pollution. *Biohydrometallurgical Processes: Metal Recovery and Remediation* 268-299.
96. Maury, R., Srivastava, A., Srivastava, A., Pathak, V.K., Dutta, M.K. (2023). Computer aided detection of mercury heavy metal intoxicated fish: an application of machince vision and artificial intelligence technique. *Multimedia Tools and Applications* 82(13), 20517-20536. (M22)
97. Kari, Z.A., Mat, K., Kabir, M.A., Amir Zal, W.A., Munir, M.B., Wei, L.S., Téllez-Isaías, G. (2023). Soybean by-products: As an Alternative to Fish mealas protein sources for aquaculture industry. *Journal of Sustainable Science and Management* 18(5), 179-202. (M24)
98. Cordeli, A.N., Oprea, L., Cretu, M., Dediu, L., Coadă, M.T., Minzală, D.-N. (2023). Bioaccumulation of Metals in SOme Fish Species from the Romanian Danube River: A review. *Fishes* 8(8), 387. (M22)
99. Montalvão, M.F., Gomes, A.R., Guimarães, A.T.B., de Lima Rodrigues, A.S., de Matos, L.P., Mendoça, J.d.S., da Luiz, T.M., da Silva Matos, S.G., Rahman, M.S., Ragavendran, C., Senthil-Nathan, S., Guru, A., Rakib, Md.R.J., Mubarak, N.M., Rahman, Md.M., Rocha, T.L., Islam, A.R.Md.T., Malafaia, G. (2024). Toxicity of carbon nanofibers in earthworms (Lumbricus terrestris) natural infected with *Monacystis sp*. *Science of the Total Environment* 906, 167712. (M21a)
100. Marinsek, G.P., de Oliveira, I.C.C.D.S., Riveiro, C.C., Gusso-Choueri, P.K., Choueri, R.B., de Souza Abessa, D.M., Mari, R.d.B. (2024). Multiple biomarkers in pufferfish as a proxy of environmental health in brazilian marine protected areas. *Science of Total Environment* 914, 169742.
101. Mukherjee, U., Maltra, S. (2024). Impact of Metabolic disrupting chemichals on redox homeostasis, energy sensors, receptor modulation, and hormone metabolism: A comparative account in Teleost and mammalian model organisms. *Aquaculture and Fisheries* 9(3), 455-485. (M21a)

Рад бр. 6. Jarić, I., Cvijanović, G. (2012). The tens rule in invasion biology: measure of a true impact or our lack of knowledge and understanding? *Environmental management* 50(6), 979-981.

Цитиран је **31** пут**:**

1. Álvarez-Presas, M., Mateos, E., Tudó, A., Jones, H., Riutort, M. (2014). Diversity of introduced terrestrial flatworms in the Iberian Peninsula: A cautionary tale. *PeerJ* 2014(1), e430. (M22)
2. Mori, E., Monaco, A., Sposimo, P., Genovesi, P. (2014). Low establishment success of alien non-passerine birds in a Central Italy wetland (Selva di Paliano: Latium). *Italian Journal of Zoology* 81(4), 593-598. (M23)
3. van Breukelen, N.A. (2014). Interactions between native and non-native cichilid species in a Costal Rican River. *Environmental Biology of Fishes* 98(3), 885-889. (M22)
4. Inderjit (2015). Introduction to the special issue: The role of soil microbial-driven belowground processes in mediating exotic plant invasions. *AoB PLANTS* 7(1), piv052. (M22)
5. Sladonja, B., Sušek, M., Guillermic, J. (2015). Review on invasive Tree of Heaven (*Ailanthus altissima* (Mill.) Swingle) conflicting values: Assessment of its ecosystem services and potential biological threat. *Environmental Management* 56(4), 1009-1034. (M22)
6. New, T.R. (2016) Alien species and insect conservation. 1-230.
7. Inderjit, Catford, J.A., Kalisz, S., Simberloff, D., Wardle, D.A. (2017) A framework for understanding human-driven vegetation change. *Oikos* 126(12), 1687-1698. (M21)
8. Lima Junior, D.P., Magalhães, A.L.B., Pelicice, F.M., Vitule, J.R.S., Azevedo-Santos, V.M., Orsi, M.L., Simberloff, D., Agostinho, A.A. (2018) Aquaculture expansion in Brazilian freshwaters against the Aichi Biodiversity Targets. *Ambio* 47(4), 427-440.
9. Marzal, A., Møller, A.P., Espinoza, K., Morales, S., Luján-Vega, C., Cárdenas-Callirgos, J.M., Mendo, L., Álvarez-Barrientos, A., González-Blázquez, M., García-Longoria, L. (2018) Variation in malaria infection and immune defence in invasive and endemic house sparrows. *Animal Conservation* 21(6), 505-514. (M21)
10. Wieser, A., Reuss, F., Niamir, A., Müller, R., O'Hara, R.B., Pfenninger, M. (2019) Modelling seasonal dynamics, population stability, and pest control in *Aedes japonicus japonicus* (Diptera: Culicidae). *Parasites and Vectors* 12(1), 142. (M21)
11. Jarić, I., Heger, T., Castro Monzon, F., Jeschke, J.M., Kowarik, I., McConkey, K.R., Pyšek, P., Sagouis, A., Essl, F. (2019) Crypticity in Biological Invasions. *Trends In Ecology and Evolution* 34(4), 291-302. (M21a)
12. Kopecký, O., Bílková, A., Hamatová, V., Kňazovická, D., Konrádová, L., Kunzová, B., Slaměniková, J., Slanina, O., Šmídova, T., Zemancová, T. (2019) Potential invasion risk of pet traded lizards, snakes, crocodiles, and tuatara in the EU on the basis of a risk assessment model (Ram) and aquatic species invasiveness screening kit (as-isk). *Diversity* 11(9), 164. (M22)
13. Luo, D., Wei, H., Chaichana, R., Yang, D., Gu, D., Mu, X., Xu, M., Yang, Y., Jin, S., Hu, Y. (2019) Current status and potential risks of established alien fish species in China. *Aquatic Ecosystem Health and Management* 22(4), 371-384. (M23)
14. Marzal, A., Garcia-Longoria, L. (2020). The role of malaria parasites in invasion biology. In: Santiago-Alarcon, D., Marzal, A. 2020. *Avian Malaria and Related Parasites in the Tropics: Ecology, Evolution and Systematics*, Springer, 487-512.
15. Holenstein, K., Simon, W.D., Smith, K.G., Blackburn, T.M., Charpentier, A. (2021) Non-native Species Surrounding Protected Areas Influence the Community of Non-native Species Within Them. *Frontiers in Ecology and Evolution* 8, 625137. (M22)
16. Brown, B.L., Barney, J.N. (2021) Rethinking Biological Invasions as a Metacommunity Problem. *Frontiers in Ecology and Evolution* 8, 584701. (M22)
17. Pérez-Postigo, I., Vibrans, H., Bendix, J., Cuevas-Guzmán, R. (2021) Floristic composition and potential invasivness of alien herbaceous plants in Western Mexico. *Revista de Biologia Tropical* 69(3), 1037-1054. (M23)

18. Panzavolta, T., Bracalini, M., Benigno, A., Moricca, S. (2021) Alien invasive pathogens and pests herming trees, forest, and plantations: Pathways, global consequences and management. *Forests* 12(10), 1364. (M21)
19. Gauff, R.P.M., Lejeusne, C., Arsenieff, L., Bohner, O., Coudret, J., Desbordes, F., Jandard, A., Loisel, S., Schires, G., Wafo, E., Davoult, D. (2022) Alien vas predator: influence of environmental variability and predation on the survival of ascidian recruits of a native and alien species. *Biological Invasions* 24(5), 1327-1344. (M21a)
20. Song, X.-J., Zhang, W.-G., Chen, X-Z., Liu, R.-L., Yao, X., Ma, J.-H., Wang, J.-N., Shi, Y., Ran, J.-J., An, Y.-X., Liu, G. (2021). The composition and distribution status of alien plant species in Shaanxi Province, China. *Chinese Journal of Ecology* 40(12), 3800-3809.
21. Kaur, A., Batish, D.R., Kohli, R.K. (2022). Challenges on Account of Invasive Alien Terrestrial Plants. In: Kaur, S., Batish, D.R., Singh, H.P., Kohli, R.K. 2022. *Biodiversity in India: Status, Issues and Challenges*, Springer, 495-514. (M10)
22. Čufer, K., Repe, B. (2022). Upotreba metode podrobneg kartiranja pokrovnosti tujerodnih invazivnih rastlinskih vrsta. *Geografski Obzornik* 69(1-2), 4-13. (M51)
23. Culley, T.M., Dreisilker, K., Clair Rayan, M., Schuler, J.A., Cavallin, N., Gettig, R., Havens, K., Landel, H., Shultz, B. (2022). The potential role of public gardens as sentinels of plant invasion. *Biodiversity and Conservation* 31(7), 1829-1844. (M21)
24. López-Ramirez, S., Muñoz, A.-R. (2022). A Local Approach to Better Understand the Spread and Population Growth of the Monk Parakeet as an Invasive Species. *Birds* 3(3), 272-284.
25. Muriel, J., Garcia-Longoria, L., Magallanes, S., Ortiz, J.A., Marzal, A. (2023). Avian malaria, haematocrit and body condition in invasive wetland passerines settled in southwestern Spain. *Avian Research* 14, 100081. (M21)
26. Hartman, J.H., Larson, E.R. (2023). Overlooked Invaders? Ecological Impact of Non-Game, Native Transplant Fishes in the United States. *Fisheries* 48(2), 62-71.
27. Bartlett, A.C., BLackburn, T.M., Randall, R., Catford, J.A. (2023). Characteristics if Australia's alien flora vary with invasion stage. *Global Ecology and Biogeography* 32(7), 1163-1177. (M21a)
28. Tobias, M.C., Morrison, J.G. (2023). Random Homeostasis – On the Nature of Contingent Reality. In: Tobias, M.C., Morrison, J.G. 2023. *Random Homeostasis – On the Nature of Contingent Reality*, NOVA Science Publishers, 1-375. (M10)
29. Andrade, M., Fernandes, C., Coutinho, A., Figueredo, A. (2024). Urban Green Infrastructure: DOes Species' Origin Impair Ecosystem Services Provision? *Land* 13(1), 23. (M22)
30. Nishu, Mathur, V., Sinha, P.G. (2024). Food and Nutritional Security Under the Changing Climate: Understanding the Established and Indeterminate Factors. *Advances in Science, Technology and Innovation* Part F2519, 25-38. (M22)
31. Simberloff, D., Bortolus, A., Carlton, J.T., Courchamp, F., Cuthbert, R.N., Hulme, P.E., Lockwood, J.L., Meyerson, L.A., Nuñez, M.A., Ricciardi, A., Richardson, D.M., Schwindt, E. (2024). Systematic and persistent bias against invasion science: Framing conservation scientists. *BioScience* 74(5), 312-314. (M21a)

Рад бр. 7. Jarić, I., Cvijanović, G., Hegediš, A., Lenhardt, M. (2012). Assessing the range of newly established invasive species in rivers using probabilistic methods. *Hydrobiologia* 680(1), 171-178.

Цитиран је **7** пута**:**

1. Brownscombe, J.W., Masson, L., Beresford, D.V., Fox, M.G. (2012) Modeling round goby *Neogobius melanostomus* range expansion in a Canadian river system. *Aquatic Invasions* 7(4), 537-545. (M22)
2. Luca, M., Ureche, D., Nicuţă, D., Ghiorghiţă, G., Druică, R.C., Gorgan, L.D. (2014) The genetic variablity of the invasive *Perccottus glenii* from Siret River, using the cytochrome b gene. *Annals of the Romanian Society for Cell Biology* 19(1), 11-20.
3. Reshetnikov, A.N., Karyagina, A.S. (2015) Further evidence of naturalisation of the invasive fish *Perccottus glenii* Dybowski, 1877 (Perciformes: Odontobutidae) in Germany and necessity of urgent management response. *Acta Zoologica Bulgarica* 67(4), 553-556. (M23)
4. Nehring, S., Steinhof, J. (2015) First record of the invasive amur sleeper, *Perccottus glenii* Dybowski, 1877 in German freshwaters: A need for realization of effective management measures to stop the invasion. *BioInvasions Records* 4(3), 223-232. (M23)
5. Boakes, E.H., Rout, T.M., Collen, B. (2015) Inferring species extinction: The use of sighting record. *Methods in Ecology and Evolution* 6(6), 678-687. (M21a)
6. Ivanović, J., Janjić, J., Baltić, M., Milanov, R., Bošković, M., Marković, R.V., Glamočija, N. (2016) Metal concentrations in water, sediment and three fish species from the Danube River, Serbia: a cause for environmental concern. *Environmental Science and Pollution Research* 23(17), 17105-17112. (M22)
7. Aldrige, C.A., Boone, E.C. (2022). Simple models to quickly estimate the probable range of data-limited riverine fishes. *River Research and Applications* 38(6), 1154-1166. (M22)

Рад бр. 8. Jarić, I., Lenhardt, M., Pallon, J., Elfman, M., Kalauzi, A., Suciu, R., Cvijanović, G., Ebenhard, T. (2011). Insight into Danube sturgeon life history: trace element assessment in pectoral fin rays. *Enviromental Biology of Fishes* 90(2), 171-181.

Цитиран је 15 пута**:**

1. Subotić, S., Spasić, S., Višnjić-Jeftić, Ž., Hegediš, A., Krpo-Ćetković, J., Mićković, B., Skorić, S., Lenhardt, M. (2013). Heavy metal and trace element bioaccumulation in target tissues of four edible fish species from the Danube River (Serbia). *Ecotoxicology and Environmental Safety* 98, 196-202. (M21)
2. Nelson, T.C., Doukakis, P., Lindley, S.T., Schreier, A.D., Hightower, J.E., Hildebrand, L.R., Whitlock, R.E., Webb, M.A.H. (2013). Research tools to investigate movements, migrations and life history of sturgeons (Acipenseridae), with an emphasis on marine-oriented populations. *PloS ONE* 8(8), e71552. (M22)
3. Kerr, L.A., Campane, S.E. (2013). Chemical composition of fish hard parts as a natural markers of fish stocks. In: Cadrin, S.X., Kerr, L.A., Mariani, S. 2013. *Stock*

Identification Methods: Applications in Fishery Science: Second Edition, Academic Press, 205-234. (M10)
4. Deak, G., Badilita, A.M., Danalache, T., Tudor, M. (2014). Use of acoustic telemetry for providing an insight into sturgeon behaviour and migration routes on lower Danube. *Journal of Environmental Protection and Ecology* 15(3), 954-964. (M23)
5. Vasile, D., Tenciu, M., Patriche, N., Costache, M., Coprean, D., Dinischiotu, A., Tofan, L. (2015). The acute toxicity of copper and zinc on the protected stellate sturgeon juveniles (*Acipenser stellatus* Pallas, 1771). *Carpathian Journal of Earth and Environmental Sciences* 10(1), 101-106. (M23)
6. Luque, P.L., Zhang, S., Rooker, J.R., Bidegain, G., Rodríguez-Marín, E. (2017) Dorsal fin spine as a non-invasive alternative calcified structure for microelemental studies in Atlantic bluefin tuna. *Journal of Experimental Marine Biology and Ecology* 486, 127-133. (M22)
7. Tzadik, O.E., Peebles, E.B., Stallings, C.D. (2017) Life-history studies by non-leathal sampling: using microchemical constituents of fin rays as chronological records. *Journal of Fish Biology* 90(2), 611-625. (M22)
8. Dulić, Z., Živić, I., Pergal, M., Živić, M., Stanković, M., Manojlović, D., Marković, Z. (2018) Accumulation and seasonal variation of toxic and trace elements in tissues of *Cyprinus carpio* from semi-intensive aquaculture ponds. *Annales de Limnologi* 54, 2017036. (M23)
9. Avigliano, E., Maichak de Carvalho, B., Invernizzi, R., Olmedo, M., Jasen, R., Volpedo, A.V. (2019) Arsenic, selenium, and metals in a commercial and vulnerable fish from southwestern Atlantic estuaries: distribution in water and tissues and public health risk assessment. *Environmental Science and Pollution Research* 26(8), 7994-8006. (M22)
10. Avigliano, E., de Carvalho, B.M., Miller, N., Gironde, S.C., Tombari, A., Limburg, K., Volpedo, A.V. (2019) Fin spine chemistry as a non-lethal alternative to otoliths for stock discrimination in an endagered catfish. *Marine Ecology Progress Series* 614, 147-157. (M21)
11. Avigliano, E., Miller, N., Maichak de Carvalho, B., Gironde, S.C., Tombari, A., Volpedo, A.V. (2020) Fin spine metals by LA-ICP-MS as a method for fish stock discrimination of *Genidens barbus* in anthropoized estuaries. *Fisheries Research* 230, 105625. (M22)
12. Luque, P.L., Sakai, S., Murua, H., Arrizabalaga, H. (2020) Protocol for Sampling Sequential Fin Spine Growth Intervals for Isotope Analysis in the Atlantic Bluefin Tuna. *Frontiers in Marine Science* 7, 588651. (M21a)
13. Brophy, D., Pérez-Mayol, S., Duncan, R., Hüssy, K., Geffen, A.J., Gerritsen, H.D., Villanueva, M.C., Morales-Nin, B. (2021) Elemental composition of illicia and otoliths and their potential application to age validation in white anglerfish (*Lophis piscatorius* Linnaeus, 1758). *Estuarine, Coastal and Shelf Science* 261, 107557. (M21)
14. Bakhshalizadeh, S., Tchaikovsky, A., Bani, A., Prohaska, T., Zitek, A. (2021) Using fin ray chemistry to discriminate hatchery reared juvenil age-0 Persian sturgeon by their origin in the Southern Caspian Sea region using split stream ICP-MS/MC ICP-MS. *Fisheries Research* 243, 106093. (M22)
15. Luque, P.L., Artetxe-Arrate, I., Bidegain, G., Sakai, S., Claverie, F., Pécheyran, C., Fraile, I., Murua, H., Varele, J.L., Medina, A., Arrizabalaga, H. (2022). Chemical signatures in fin spine edge of Atlantic bluefin tuna (*Thunnus thynnus*) can serve as habitat markers of geographically distinct marine environments. *Heliyon* 8(11), e11757. (M22)

<u>Рад бр. 9.</u> Smederevac-Lalić, M., Jarić, I., Višnjić-Jeftić, Ž., Skorić, S., <u>Cvijanović, G.,</u> Gačić, Z., Lenhardt, M. (2011). Management approaches and aquaculture of sturgeons in the Lower Danube region countries. *Journal of Applied Ichthyology* 27, 94-100.

Цитиран је 9 пута**:**

1. Munteanu, A.M., Ehlinger, T.J., Golumbeanu, M., Tofan, L. (2013). Network environmental governance in the EU as a framework for trans-boundary sturgeon protection and cross-border sustainable management. *Journal of Environmental Protection and Ecology* 14(2), 685-692. (M23)
2. Simić, V.M., Simić, S.B., Stojković Piperac, M., Petrović, A., Milošević, D. (2014). Commercial fish species of inland waters: A model for sustainable assessment and management. *Science of the Total Environment* 497-498, 642-650. (M21a)
3. Braaten, P.J., Elliott, C.M., Rhoten, J.C., Fuller, D.B., Mcelroy, B.J. (2015). Migrations and swimming capabilities of endangered pallid sturgeon (*Scaphirhynchus albus*) to guide passage designs in the fragment Yellowstone River. *Restoration Ecology* 23(2), 186-195. (M22)
4. Popa, G.-O., Duda, A., Bănăduc, D., Curtean-Bănăduc, A., Barbălată, T., Burcea, A., Florescu, I.E., Georgescu, S.E., Costache, M. (2017) Use of DNA barcoding in the assignment of commercially valuable fish species from Romania. *Aquatic Living Resources* 30, 20. (M23)
5. Smederevac-Lalić, M., Kalauzi, A., Regner, S., Lenhradt, M., Naunović, Z., Hegediš, A. (2017) Prediction of fish catch in the Danube River based on long-term variability in environmental parameters and catch statistics. *Science of the Total Environment* 609, 664-671. (M21a)
6. Holostenco, D.N., Cirpac, M., Taflan, E., Tošić, K., Paraschiv, M., Iani, M., Honţ, Ş., Suciu, R., Rîsnoveanu, G. (2021) Genetic diversity of stellate sturgeon in the lower Danube River: The impact of habitat contraction upon a critically endangered population. *Water (Switzerland)* 13(8), 1115.
7. Anderson, W.G., Schreier, A, Crossman, J.A. (2022). Conservation aquaculture – A sturgeon story. *Fish Physiology* 39, 39-109. (M22)
8. Dudu, A., Samu, U., Maereanu, M., Georgescu, S.E. (2022). A Multistep DNA-BAsed Methodology for Accurate Authentication of Sturgeon Species. *Foods* 11(7), 1007. (M21)
9. Atanasoff, A, Urku, C. (2022). Isolation of *Staphylococcus pasteuri* in the cultured Russian sturgeon (*Acipenser gueldenstaedtii*) in Bulgaria. *Journal of Animal and Plant Sciences* 32(4), 961-967. (M23)

<u>Рад бр. 10.</u> Lenhardt, M., Jarić, I., Kalauz, A., <u>Cvijanović, G.</u> (2006). Assessment of extintion risk and reasons for decline in sturgeon. *Biodiversity and Conservation* 15(6), 1967-1976.

Цитиран је 55 пута**:**

1. Sommerwerk, N., Baumgartner, C., Bloesch, Jü.D., Hein, T., Ostojić, A., Paunović, M., Schneider-Jacoby, M., Siber, R., Tockner, K. (2009). The Danube River Basin. *Rivers of Europe* 59-112.
2. Wegner, A., Ostaszewksa, T., Rozek, W. (2009). The ontogenetic development of the digestive tract and accessory glands of sterlet (*Acipenser ruthenus* L.) larvae during endogenous feeding. *Reviews in Fish Biology and Fisheries* 19(4), 431-444. (M21a)
3. Jarić, I., Ebenhard, T., Lenhardt, M. (2010). Population viability analysis of the Danube sturgeon populations in a Vortex simulation model. *Reviews in Fish Biology and Fisheries* 20(2), 219-237. (M21a)
4. Wozney, K.M., Haxton, T.J., Kjartanson, S., Wilson, C.C. (2011). Genetic assessment of lake sturgeon (*Acipenser fluvescens*) population structure in the Ottawa River. *Environmental Biology of Fishes* 90(2), 183-195. (M22)
5. Fieszl, J., Bogacka-Kapusta, E., Kapusta, A., Szymańska, U., Martyniak, A. (2011). Feeding ecology of sterlet *Acipenser ruthenus* L. in the Hungarian section of the Danube River. *Archives of Polish Fisheries* 19(2), 105-111.
6. Mcdermid, J.L., Wozney, K.M., Kjartanson, S.L., Wilson, C.C. (2011). Quantifying historical, contemporary and anthropogenic influeces on the genetic strucutre and diversity of lake sturgeon (*Acipenser fluvescens*) populations in northern Ontario. *Journal of Applied Ichthyology* 27(SUPPL. 2), 12-23. (M23)
7. Iorga, V., Cristea, V., Patriche, N., Patriche, T., Trofimov, A., Mocanu, C., Mocanu, M., Bocioc, E., Coada, M.T. (2011). Status of the sturgeon stocks in the Danube River. *Journal of Environmental Protection and Ecology* 12(4), 1746-1751. (M23)
8. Pracheil, B.M., McIntyre, P.B., Lyons, J.D. (2013). Enhancing conservation of large-river biodiversity by accounting for tributaries. *Frontiers in Ecology and the Environment* 11(3), 124-128.
9. Munteanu, A.M., Ehlinger, T.J., Golumbeanu, M., Tofan, L. (2013). Network environmental governance in the EU as a framework for trans-boundary sturgeon protection and cross-border sustainable management. *Journal of Environmental Protection and Ecology* 14(2), 685-692. (M23)
10. Mcdermid, J.L., Nienhuis, S., Al-Shamlih, M., Haxton, T.J., Wilson, C.C. (2014). Evaluating the genetic consequences of river fragmetation in lake sturgeon (*Acipenser fluvescens* Rafinesque, 1817) populations. *Journal of Applied Ichthyology* 30(6), 1514-1523. (M23)
11. Vasile, D., Tenciu, M., Patriche, N., Costache, M., Coprean, D., Dinischiotu, A., Tofan, L. (2015). The acute toxicity of copper and zinc on the protected stellate sturgeon juveniles (*Acipenser stellatus* Pallas, 1771). *Carpathian Journal of Earth and Environmental Sciences* 10(1), 101-106. (M23)
12. Crimmins, S.M., Boma, P., Thogmartin, W.E. (2015). Projected risk of population declines for native fish species in the Upper Mississippi River. *River Research and Applications* 31(2), 135-142. (M22)
13. Djikanović, V., Skorić, S., Lenhardt, M., Smederevac-Lalić, M., Višnjić-Jeftić, Ž., Spasić, S., Mićković, B. (2015). Review of sterlet (*Acipenser ruthenus* L. 1758) (Actinopterygii: Acipenseridae) feeding habits in the River Danube, 1694-852 river km. *Journal of Natural History* 49(5-8), 411-417. (M23)
14. Doering, J.A., Farmahin, R., Wiseman, S., Beitel, S.C., Kennedy, S.W., Giesy, J.P., Hecker, M. (2015). Differences in activation of aryl hydrocarbon receptors of white stureon relative to lake sturgeon are predicted by identities of key amino acids in the binding domain. *Environmental Science and Technology* 49(7), 4681-4689. (M21a)

15. Hamel, M.J., Spurgeon, J.J., Pegg, M.A., Hammen, J.J., Rugg, M.L. (2016). Hydrological variability influences local probability of pallid sturgeon occurrence in a Missouri River Tributaries. *Rivers Research and Applications* 32(3), 320-329.
16. Porreca, A.P., Hintz, W.D., Whitledge, G.W., Rude, N.P., Heist, E.J., Garvey, J.E. (2016) Establishing ecologically relevant management boundaries: linking movement ecology with the conservation of *Scaphirhynchus* sturgeons. *Canadian Journal of Fisheries and Aquatic Sciences* 73(6), 877-884. (M21)
17. Bruch, R.M., Haxton, T.J., Koenigs, R., Welsh, A., Ker, S.J. (2016) Status of Lake Sturgeon (*Acipenser fulvescens* Rafinesque 1817) in North America. *Journal of Applied Ichthyology* 32(1), 162-190. (M23)
18. Doering, J.A. (2016) Predicting the Relative Sensitivity of Sturgeons to Aryl Hydrocarbon Receptor Agonists. *Doctoral dissertation, University of Saskatchewan*. (M70)
19. Steffensen, K.D., Powell, L.A., Pegg, M.A. (2017) Using the robust design framework and relative abundance to predict the population size of pallid sturgeon *Scaphirhynchus albus* in the lower Missouri River. *Journal of Fish Biology* 91(5), 1378-1391. (M22)
20. Burgess, M.G., Costello, C:, Fredston-Hermann, A., Pinsky, M.L., Gaines, S.D., Tilman, D., Polasky, S. (2017). Range contraction enables harvesting to extinction. *PNAS* 114(15), 3945-3950.
21. Smederevac-Lalić, M., Kalauzi, A., Regner, S., Lenhardt, M., Naunović, Z., Hegediš, A. (2017) Prediction of fish catch in the Danube River based on long-term variability in environmental parameteres and catch statistic. *Science of the Total Environment* 609, 664-671. (M21a)
22. Porreca, A.P. (2017) Ecology and coexistence of *Scaphirhynchus* sturgeon at multiple scales. *Doctoral dissertation, Southern Illinois University Carbondale* (M70)
23. Arhtington, A.H., Finlayson, C.M., Pittock, J. (2018) Freshwater ecological principles. In: Finlayson, C.M., Arthington, A.H., Pittock, J. 2018. *Freshwater Ecosystems in Protected Areas: Conservation and Management*, Routledge, 34-53. (M10)
24. Vine, J.R. (2018) Migration Cues and Abundance Estimation of Imperiled Sturgeon in the Savannah River. *Doctoral dissertation, CLemson University.* (M70)
25. van Puijenbroek, P.J.T.M., Buijse, A.D., Kraak, M.H.S., Verdonschot, P.F.M. (2019) Species and river specific effects of river fragmentation on European anadromous fish species. *River Research and Applications* 35(1), 68-77. (M22)
26. Chuctaya, J., Ferrer, J., Ferrari, A., Vianna, R.T., Malabarba, L.R. (2019) On the spread of the Russian sturgeon *Acipenser gueldenstaedtii* (Acipenseriformes: Acipenseridae) in the Neotropics: A marine path to invade freshwater drainage in South America? *Journal of Applied Ichthyology* 35(1), 396-400. (M23)
27. Steffensen, K.D., Huenemann, T.W., Hall, J.R. (2019) Estimated population size of pallid sturgeon *Scaphirhynchus albus* in a novel reach of the lower Missouri River. *Journal of Applied Ichthyology* 35(1), 329-335. (M23)
28. Vine, J.R., Kanno, Y., Holbrook, S.C., Post, W.C., Peoples, B.K. (2019) Using Side-Scan Sonar and N-Mixture Modeling to Estimate Atlantic Sturgeon Spawning Migration Abundance. *North American Journal of Fisheries Management* 39(5), 939-950. (M22)
29. Holostenco, D.N., Ciorpac, M., Paraschiv, M., Iani, M., Honţ, Ş., Taflan, E., Suciu, R., Rişnoveanu, G. (2019) Overview of the Romanian Sturgeon Supportive Stocking Programme in the Lower Danube River System. *Scientific Annals of the Danube Delta Institute* 24, 21-30. (M52)

30. Bonev, S., Nikolova, L. (2019) Development of female Russian sturgeon (*Acipenser gueldenstaedtii*) and hybrid (*Acipenser baerii x Acipenser gueldenstaedtii*) gonads reared in net cage. *Bulgarian Journal of Agricultural Science* 25(Suppl. 1), 62-68. (M23)
31. Budy, P., Thomson, P.D., McKell, M.D., Thiede, G.P., Walsworth, T.E., Conner, M.M. (2020) A Multifaceted Reconstruction of the Population Structure and Life History Expressions of a Remnant Metapopulation of Bonneville Cutthroat Trout: Implications for Maintaining Intermittent Connectivity. *Transactions of the American Fisheries Society* 149(4), 443-461. (M22)
32. Merg, M.-L., Dézerald, O., Kreutzenberger, K., Demski, S., Reyjol, Y., Usseglio-Polatera, P., Belliard, J. (2020) Modeling diadromous fish loss from historical data: Identification of anthropogenic drivers and testing of mitigation scenarios. *PLoS ONE* 15(7). (M22)
33. Topić, M. (2020) Migracije jesetri (Acipenseridae) u Republici Hrvatskoj. *Seminarski rad, Prirodoslovno-matematički fakultet u Zagrebu.*
34. Haxton, T., Friday, M. (2020) Spatiotemporal changes in juvenile lake sturgeon abundance in a large river. *Journal of Applied Ichthyology* 36(6), 772-779. (M23)
35. Kubal, M., Farský, M., Krajč, T., Pekárik, L. (2021) Bayesian modelling suggests that the sterlet (*Acipenser ruthenus*, Linnaeus 1758) population is ageing in the middle Danube River. *Aquatic Conservation: Marine and Freshwater Ecosystems* 31(3), 469-479. (M21)
36. Duarte, G., Segurado, P., Haidvogl, G., Pont, D., Ferreira, M.T., Branco, P. (2021) Damn those damn dams: Fluvial longitudinal connectivity impairment for European diadromous fish throughout the 20th century. *Science of the Total Environment* 761, 143293. (M21a)
37. Gebauer, T., Gebauer, R., Císař, P., Tran, H.Q., Tomášek, O., Podhorec, P., Prokešová, M., Rebl, A., Stejskal, V. (2021) The effect of different feeding applications on the swimming behaviour of siberian sturgeon: A method for improving restocking programmes. *Biology* 10(11), 1162. (M21)
38. Gilani, P., Paighamebar, S.Y., Zare, P., Aghilinejad, S.M., Pouladi, M. (2021) Seasonal comparison of frequency and CPUE of sturgeon spawners caught by gillnet in the south coasts of the Caspian Sea (Case study: Golestan province). *Journal of Animal Environment* 13(2), 231-238.
39. Stroe, M.D., Cretu, M., Docan, A., Dediu, L., Dima, F.M., Patriche, N. (2021) The effect of probiotic betaplus®Ultra on hematological profile and immune response of young of the year *Acipenser stellatus*. *Scientific Papers. Series D. Animal Science* LXIV (2), 498-504.
40. Sommerwerk, N., Bloesch, J., Baumgartner, C., Bittl, T:, Čerba, D., Csányi, B., Davideanu, G., Dokulil, M., Frank, G., Grecu, I., Hein, T., Kováč, V., Nichersu, I., Mikuska, T., Pall, K., Paunović, M., Postolache, C., Raković, M., Sandu, C., Schneider-Jacoby, M., Stefke, K., Tockner, K., Toderaş, I., Ungureanu, L. (2022) Chapeter 3 – The Danube River Basin. In: Tockner, K., Zarfli, C., Robinson, C.T., ed. 2022. *Rivers of Europe (Second Edition)*, Elsevier, 81-180. (M10)
41. Cook, S.J., Fangue, N.A., Bergman, J.N., Madliger, C.L., Cech Jr., J.J., Eliason, E.J., Brauner, C.J., Farrell, A.P. (2022). Conservation physiology and the management of wild fish populations in the Anthropocene. *Fish Physiology* 39, 1-31. (M22)

42. Hubálek, M., Kašpar, V., Tichopád, T., Rodina, M., Flajšhans, M. (2022). How do suboptimal temperatures affect polyploid sterlet *Acipenser ruthenus* during early development? *Journal of Fish Biology* 101(1), 77-91. (M22)
43. Meulenbroek, P., Hein, T., Friedrich, T., Valentini, A, Erős, T., Schabuss, M., Zorning, H., Lenhardt, M., Pekarik, L., Jean, P., Dejean, T., Pont, D. (2022). Sturgeons in large rivers: detecting the near-extinct needles in a haystack via eDNA metabarcoding from water samples. *Biodiversity and Conservation* 31(11), 2817-2832. (M21)
44. Hayward, M.W. (2023). Problems with thw World's Ecosystems: The Future and Attempts to Mitigate Decline. In: Maclean, N, ed. *The Living Planet: The State of the World's Wildlife*. Cambridge University Press: 2023: 349-367. (M10)
45. Lujić, J., Franěk, R., Marinović, Z., Kašpar, V., Xie, X., Horvát, A., Pšenička, M., Urbányi, B. (2023). Vetrification of the ovarian tissue in sturgeons. *Theriogenology* 196, 18-24. (M21)
46. Erős, T., Petrovszki, J., Máracz, A. (2023). Planning for sustainability: Historical data and remote sensing-based analyses aid landscape design in one of the largest remnant Europeand floodplains. *Landscape and Urban Planning* 238, 104837. (M21a)
47. Neuburg, J., Friedrich, T. (2023). First description of a remnanr population of sterlet (*Acipenser ruthenus*, Linnaeus 1758) in the eastern Austrian Danube. *Journal of Nature Conservation* 75, 126473. (M22)
48. Fazekas, G., Müller, T., Stanivuk, J., Fazekas, D.L., Káldy, J., Tóth, F., Bürgés, Colchen, T., Vass, N., Ljubobratović, U. (2023). Evaluation of applying environmental enrichment to sterlets (*Acipenser ruthenus* L.) in early life stages. *Applied Animal Behavior Science* 268, 106090. (M21)
49. Parab, V., Prajapati, J.J., Karan, S., Bhowmick, A.R., Mukherjee, J. (2023). Impact of abiotic factors and heavy metals in predicting the population decline of Near Threatened fish *Nolopterus chilala* in the natural habitat. *Aquatic Ecology* 574), 863-879. (M22)
50. Chen, Q., Li, Q., Lin, Y., Zhang, J., Xia, J., Ni, J., Cooke, S.J., He, S., Feng, T., Chen, Y., Tonina, D., Benjankar, R., Birk, S., Fleischmann, A.S., Yan, H., Tang, L. (2023). River Damming Impact on Fish Habitat and Associated Conservation Measures. *Reviews of Geophysics* 61(4), e2023RG000819. (M21a)
51. Zarei, S., Ghafoori, H., Vahdatiraad, L., Sohrabi, T., Heidari, B. (2024). Effects of HSP inducers on the gene expression of Heat Shock Proteins (HSPs) in cells extracted from sterlet sturgeon under temperature stress with antioxidant and immunity responses. *Fish Physiology and Biochemistry* In Press (M22)
52. Farrell, C., Simard, J., Louttit, S., Southee, F.M., Cruz-Font, L., Struthers, D.P., Seigun, J.L., O'Connor, C.M. (2024). Occupancy, movememnt, and behavior of namew (lake sturgeon *Acipenser fulvescens*) in an intact river in Canada. *Endangered Species Research* 54, 59-81. (M22)
53. Zarei, S., Ghafouri, H., Vahdatiraad, L. Bahrooz, H., Sohrabi, T. (2024). Enhancing resistance and cell survival in *Acipenser ruthenus* liver, gill, and kidney cells: The potential of heat shock protein inducers against PAH-bezol[α]pyrene stress. *Environmental Science and Pollution Research* 31, 9445-9460. (M22)

54. Mikheev, P.B., Kayarinov, S.N., Melnikova, A.G., Ponosov, S.V., Petrenko, N.G., Nikiforov, A.I., Puzik, A.Y., Elchenkova, O.N. (2024). Artificial enhancement of sturgeon stock in freshwater reservoirs: A case study on sterlet *Acipenser ruthenus* of the Kama reservoir. *Aquaculture and Fisheries* 9, 287-294. (M21a)
55. Haxton, T., Gessner, J., Friedrich, T. (2024). A review of the assessment techniques used for population monitoring ar different life stages of sturgeons. *Environmental Reviews* 32(1), 91-113. (M21)

Рад бр. 11. Cvijanović, G. , Adnađević, T., Lenhardt, M., Marić, S. (2015). New data on sterlet (*Acipenser ruthenus* L.) genetic diversity in the Middle and Lower Danube Sections, based on mitochondrial DNA analyses. *GENETIKA-BELGRADE* 47(3), 1051-1062.

Цитиран је **1** пут**:**

1. Pekárik, L., Čiamporová-Zatovičová, Z., Arendt, D., Čiampor, F.J. (2019) Current stocking program of the sterlet (*Acipenser ruthenus*, L.) can negatively shape its genetic variability in the Middle Danube. *Knowledge and Management of Aquatic Ecosystems* (420), 19. (M22)

Рад бр. 12. Lenhardt, M., Smederevac-Lalić, M., Djikanović, V., Cvijanović, G., Vuković-Gačić, B., Gačić, Z., Jarić, I. (2014). Biomonitoring and genetic analysis of sturgeons in Serbia: A contribution to their conservation. *Acta Zoologica Bulgarica* 69-73.

Цитиран је 2 пута**:**

1. Kalchev, R., Trichkova, T. (2014). The 40th anniversary conference of the international association for Danube research (IAD) the Danube and Black Sea region – Unique environment and human well-being under conditions of global changes: Scientific topics, contributions and results. *Acta Zoologica Bulgarica* 66(SUPPL. 7), 5-12. (M23)
2. Jarić, I., Riepe, C., Gessner, J. (2018) Sturgeon and paddlefish life history and management: Experts' knowledge and beliefs. *Journal of Applied Ichthyology* 34(2), 244-257. (M23)

Рад бр. 13. Skorić, S., Cvijanović, G., Kohlmann, K., Hegediš, A., Jarić, I., Lenhardt, M. (2013). First record of hybrid striped bass (*Morone saxatilis* x *Morone chrysops*) in the Danube River. *Journal of Applied Ichthyology* 29(3), 668-670.

Цитиран је 3 пута**:**

1. Müller-Belecke, A., Böhm, M., Pfeifer, M., Füliner, G. (2016). Potential of hybride striped bass (*Morone saxatilis* (Walbaum) x *Morone chrysops* (Rafinesque) to reprodce among climatic conditions of northern and central Germany. *Aquatic Research* 47(8), 2686-2690. (M23)
2. Bariche, M., Al-Mabruk, S.A.A., Ateş, M.A., Büyük, A., Crocetta, F., Dritsas, M., Edde, D., Fortič, A:, Gavriil, E., Gerovasileiou, V., Gökoğlu, M., Huseyinoglu, M.F., Karachle, P.K., Kleitou, P., Kurt, T.T., Langeneck, J., Lardicci, C., Lipej, L., Pavloudi, C., Pinna, M., Rizgalla, J., Özen, M.R., Sedano, F., Taşkin, E., Yildiz, G., Zangaro, F. (2020) New alien mediterranean biodiversitz records (march 2020). *Mediterranean Marine Science* 21(1), 129-145. (M22)
3. Iftime, A., Iftime, O. (2021). Alien fish, amphibian and reptile species in ROmania and their invasive status: a review with new data. *Travaux du Museum National d'Historie Naturelle Grigore Antipa* 64(1), 131-186.

Рад бр. 14. Lenhardt, M., Jarić, I., Cvijanović, G., Kolarević, J., Gačić, Z., Smederevac-Lalić, M., Višnjić-Jeftić, Ž. (2012). Comparison of morphological characters between wild and cultured sterlet (*Acipenser ruthenus* L.). *Slovenian Veterinary Research* 49(4), 177-184.

Цитиран је 3 пута**:**

1. Abaad, M., Tuset, V.M., Montero, D., Lombarte, A., Otero-Ferrer, J.L., Haroun, R. (2016). Phenotypic plasticity in wild marine fishes associated with fish-cage aquaculture. *Hydrobiologia* 765(1), 343-358. (M21)
2. Grozea, A., Furdean, S., Lalescu, D., Grozea, I., Patruica, S. (2023). Analysing the growth patterns of sterlet (*Acipenser ruthenus*) vs hybrid sturgeon (*A.ruthenus*, female x *A.gueldensaedtii*, male) fingerlings reared within a recirculating aquaculture system. *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM* 23(6.2), 17-24.
3. Mikheev, P.B., Kazarinov, S.N., Melnikova, A.G., Ponosov, S.V., Petrenko, N.G., Nikiforov, A.I., Puzik, A.Y., Elchenkova, O.N. (2024). Artificial enhancement of sturgeon stock in freshwater reservoirs: A case study on sterlet *Acipenser ruthenus* of the Kama reservoir. *Aquaculture and Fisheries* 9(2), 287-294. (M21a)

Рад бр. 15. Cvijanović, G., Cvijanović, M., Jarić, I., Lenhardt, M. (2012). Use of shape analysis in the investigation of disputable meristic characters for *Ameiurus melas* (Rafinesque, 1820) and *Ameiurus nebulosus* (Lesueur, 1819). *Journal of Applied Ichthyology* 28(4), 617-622.

Цитиран је 2 пута**:**

1. Coop, G.H., Tarkin, A.S., Masson, G., Godard, M.J., Koščo, J., Kováč, V., Novomeská, A., Miranda, R., Cucherousset, J., Pedicillo, G., Blackwell, B.G. (2016) A review of growth and life-history traits of native and non-native European populations of black bullhead *Ameiurus melas*. *Reviews in Fish Biology and Fisheries* 26(3), 441-469. (M21a)
2. Jaćimović, M., Krpo-Ćetković, J., Skorić, S., Smederevac-Lalić, M., Hegediš, A. (2021) Seasonal feeding habits and ontogenetic diet shift of black bullhead (*Ameiurus melas*) in Lake Sava (Serbia). *Archive of Biological Sciences* 73(4), 4. (M23)

Рад бр. 16. Jarić, I., Lenhardt, M., Cvijanović, G., Ebenhardt, T. (2009). *Acipenser sturio* and *Acipenser nudiventris* in the Danube – extant or extinct? *Journal of Applied Ichthyology* 25(2), 137-141.

Цитиран је 15 пута**:**

1. Paxton, C.G.M. (2009). The plural of 'anecdote' can be 'data': Statistical analysis of viewing distances in reports of undentified large marine animals 1758-2000. *Journal of Zoology* 279(4), 381-387. (M21)
2. Jarić, I., Ebenhard, T., Lenhardt, M. (2010). Population viability analysis of the Danube sturgeon population in a Vortex simulation model. *Review in Fish Biology and Fisheries* 20(2), 219-237.
3. Jarić, I., Gessner, J. (2012). Analysis of publications on sturgeon research between 1996-2010. *Scientometrics* 90(2), 715-735. (M22)
4. Cooke, S.J., Paukert, C., Hogan, Z. (2012). Endangered river fish: Factors hindering conservation and restoration. *Endangered Species Research* 17(2), 179-191.
5. Munteanu, A.M., Ehlinger, T.J., Golumbeanu, M., Tofan, L. (2013). Netweork environmental governance in the EU as a framework for trans-boundary sturgeon protection and cross-border sustainable management. *Journal of Environmental Protection and Ecology* 14(2), 685-692. (M23)
6. Boakes, E.H., Rout, T.M., Collen, B. (2015). Inferring species extinction: The use of sighting records. *Methods in Ecology and Evolution* 6(6), 678-687. (M21a)
7. Bănăduc, D., Rey, S., Trichkova, T., Lenhardt, M., Curtean-Bănăduc, A. (2016). The Lower Danube River-Danube Delta-North West Black Sea: A pivotal area of major interest for the past, presnt and future of its fish fauna – A short review. *Science of the Total Environment* 545-546, 137-151. (M21a)
8. Jarić, I., Gessner, J., Solow, A.R. (2016). Inferring functional extinction based on sighting records. *Biological Conservation* 199, 84-87. (M21a)
9. Arthington, A.H., Dulvy, N.K., Gladstone, W., Winfield, I.J. (2016) Fish conservation in freshwater and marine realms: status, threats and management. *Aquatic Conservation: Marine and Freshwater Ecosystems* 26(5), 838-857. (M21)
10. Rosten, C.M. (2017) Interdisciplinary conservation; Meeting the challenge for a better outcome: Experiences from sturgeon conservation. *Marine and Freshwater Research* 68(9), 1577-1584. (M22)
11. Vasile, D., Tofan, L., Tenciu, M., Patriche, N., Staicu, A.C. (2020) The effects of heavy metals on the intestine of cultured *Acipenser stellatus* (Pallas, 1771). *Carpathian Journal of Earth and Environmental Sciences* 15(1), 223-231. (M23)

12. Sommerwerk, N., Bloesch, J., Baumgartner, C., Bittle, T., Čerba, D., Csányi, B., Davideanu, G., Dokulil, M., Frank, G., Grecu, I., Hein, T., Kováč, V., Nichersu, I., Mikuska, T., Pall, K., Paunović, M., Postolache, C., Raković, M., Sandu, C., Schneider-Jacoby, M., Stefke, K., Tockner, K., Todoraş, I., Ungureanu, L. (2022). The Danube River Basin. In: Tockner, K., Zarfl, C., Robinson, C.T. 2022. *Rivers of Europe* Elsevier, 81-180. (M10)
13. Beritze, T., Scheele, F., Edisherashvili, T., Anderson, C. (2022). Rare but Not Gone: A Relict Population of the Black Sea Ship Sturgeon *Acipenser nudiventris* Persists in the Rioni River, Gorgia. *Diversity* 14(12), 1102. (M22)
14. Strat, D., Gheorge, I.F. (2023). Conservation Status and Effectiveness of the National and International Policies for the Protection and Conservation of Sturgeons in the Danube River and Black Sea Basin. *Diversity* 15(4), 568. (M22)
15. Abileva, G., Turzhanova, A., Zhamangara, A., Khapilina, O., Kalendar, R. (2024). Environmental DNA reveals the ecology and seasonal migration of rare sturgeon species in the Ural River. *Environmental DNA* 6(2), e535.

Рад бр. 17. Jarić, I., Lenhardt, M., Cvijanović, G., Ebenhard, T. (2009). Population viability analysis and potential of its application to Danube sturgeons. *Archive of Biological Sciences* 61(1), 123-128.

Цитиран је 4 пута**:**

1. Jarić, I., Ebenhard, T., Lenhardt, M. (2010). Population viability analysis of the Danube sturgeon population in a Vortex simulation model. *Review in Fish Biology and Fisheries* 20(2), 219-237.
2. Jarić, I., Gessner, J. (2013). A life-stage population model of the European sturgeon (*Acipenser sturio*) in the Elbe River. Part I: General model outline and potential applications. *Journal of Applied Ichthyology* 29(3), 483-493. (M23)
3. Jarić, I., Gessner, J., Acolas, M.-L., Lambert, P., Rochard, E. (2014). Modelling attempts utilized in sturgeon research: A review of the state-of-the art. *Journal of Applied Ichthyology* 30(6), 1379-1386. (M23)
4. Jarić, I., Riepe, C., Gessner, J. (2018) Sturgeon and paddlefish life history and management: Experts' knowlegde and beliefs. *Journal of Applied Ichthyology* 34(2), 244-257. (M23)

Рад бр. 18. Lenhardt, M., Jarić, I., Cakić, P., Cvijanović, G., Gačić, Z., Kolarević, J. (2009). Seasonal changes in condition, hepatosomatic index and parasitism in sterlet (*Acipenser ruthenus* L.). *Turkish Journal of Veterinary & Animal Sciences* 33(3), 209-214.

Цитиран је 22 пута**:**

1. Lenhardt, M., Gačić, Z., Vuković-Gačić, B., Poleksić, V., Višnjić-Jeftić, Z., Kolarević, S., Jarić, I. (2011). Ecological status of Serbian rivers based on an ichthyological assessment. *Studia Universitatis Vasile Goldis Arad. Seria Stiintele Vietii* 21(4), 855-860. (M24)

2. Szczepkowska, B., Szczezepkowski, M., Piotrowska, I. (2014). Impact of feed rations of growth, selected body parameters and maturation of vendace, *Coregonus albula* L., reared in RAS. *Archive of Polish Fisheries* 22(2), 145-150.
3. Sabullah, M.K., Ahmad, S.A., Shukor, M.Y., Gansau, A.J., Syed, M.A., Sulaiman, M.R., Shamaan, N.A. (2015). Hevy metal biomarker: Fish behavior, cellular alteration, enzymatic reaction and proteomics approaches. *International Food Research Journal* 22(2), 435-454. (M23)
4. Omar, W.A., Mikhail, W.Z.A., Abdo, H.M., Abou El Defan, T.A., Poraas, M.M. (2015). Ecological risk assessment of metal pollution along greater Cairo sector of the River Nile, Egypt, using Nile tilapia, *Oreochromis niloticus*, as bioindicator. *Journal of Toxicology* 2015, 167319.
5. Jovičić, K., Nikolić, D.M., Višnjić-Jeftić, Ž., Đikanović, V., Skorić, S., Stefanović, S.M., Lenhardt, M., Hegediš, A., Krpo-Ćetković, J., Jarić, I. (2015). Mapping differential elemental accumulation in fish tissues: assessment of metal and trace element concentracions in wels catfish (*Silurus glanis*) from the Danube River by ICP-MS. *Environmental Science and Pollution Research* 22(5), 3820-3827. (M22)
6. Aria, T., Amalina, R., Bachok, Z. (2016). Species-specific liver moisture content of coral reef fishes in the Malaysian South China Sea. *Tropical Ecology* 57(3), 613-618. (M23)
7. González-Félix, M.L., Urquidez-Bejarano, P., Perez-Velazquez, M., Castro-Longoria, R., Vazquez-Boucard, C.G. (2017) Biochemical composition and fatty acid profile of gonads from wild and cultured shortfin corvina (*Cynoscion parvipinnis*) during the early maturation stage. *Archives of Biologicla Sciences* 69(3), 491-501.
10. Rodgers, G.G., Donelson, J.M., McCormick, M.I., Munday, P.L. (2018) In hot water: sustained ocean warming reduces survival of a low-latitude coral reef fish. *Marine Biology* 165(4), 73. (M21)
11. Hary Tjahja Soedibay, P., Listiowati, E., Budhi Pramono, T., Arie Prayogo, N., Taufan Harisam, R. (2018) Growth performance of catfish (*Clarias gariepenus*) cultured of high density with biofloc system. *E3S Web of Conferences* 47, 02002.
12. Amer, M.A., Ahmed, K.M., Osman, M.F. (2019) Nonylphenol ethoxylate (NPE) influence on reproductive performance of male nile tilapia, *Oreochromis niloticus*. *Egyptian Journal of Aquatic Biology and Fisheries* 23(3), 1-12.
13. Saha, P., Thomas, S. (2020) Some biological characteristics of the smooth blaasop puffer fish *Lagocephalus inermis* (Temminck and Schlegel, 1850), form southeastern Arabic sea. *Indian Journal of Fisheries* 67(4), 33-39. (M23)
14. Feidantsis, K., Ntokou, A., Michaelidis, B. (2020) Effects of Seasonality on Oocyte Growth, Oocyte Maturity Stages, and Reproductive Capacity in the Gilthead Sea Bream (*Sparus auratus*) in Relation with Depth. *Acta Veterinaria Eurasia* 46(3), 87-97.
15. Jan, K., Ahmed, I., Dar, N. (2021) Temporal variations in length-weight relationship, condition factor and biological indices of snow trout, *Schizothorax labiatus* thriving in river Sindh of Indian Himalayan region. *Egyptian Journal of Aquatic Biology and Fisheries* 25(3), 773-786.
16. Molbert, N., Agostini, S., Alliot, F, Angelier, F., Biard, C., Decencière, B., Leroux-Coyau, M., Millot, A., Ribout, C., Goutte, A. (2021) Parasitism reduces oxidative stress of fish host experimentally exposure to PAHs. *Ecotoxicology and Environmental Safety* 219, 112322. (M21)

17. Jan, K., Ahmed, I. (2021). Comparative study of lenght-weight relationships and biological indices of Himalayan snow trout, *Schizothorax labialus*, inhabiting two lotic water bodies in the Kashmir Valley. *Fisheries and Aquatic Life* 29(3), 176-184.
18. Orlov, A.M., Interesova, E.A., Dyldin, Y.V., Romanov, V.I. (2022). The Endangered Eurasian Freshwater Sturgeons. In: DellaSala, D.A., Goldstein, M.I. 2022. *Imperiled: The Encyclopedia of Conservation,* Elsevire, 541-553. (M10)
19. Jan, K., Ahmed, I., Dar, N.A. (2022). The role of sex, season and reproduction status on blood parameters in snow trout (*Schizothorax labitus*) from River Jhelum, Kashmir, India. *Environmental Monitoring and Assessment* 194(10), 674. (M22)
20. Clark, T.M., Whitmarsh, S.K., Champion, C., Pederson, H., Meyer, L., Dennis, J.D., Dwyer, R.G., Huveneers, C. (2023). Influence of shark tourism on the activity and physiological condition of a non-focal pelagic fish. *ICES Journal of Marine Science* 80(6), 1670-1682. (M21)
21. Deák, G., Holban, E., Sadica, I., Jawdhari, A. (2024). Sturgeon Parasites: A Review of Their Diversity and Distribution. *Diversity* 16(3), 163. (M21)
22. Zarei, S., Ghafouri, H., Vahdatiraad, L., Moghaddam, V.A., Sohrabi, T., Heidari, B. (2024). Using heat shock protein (HSP) inducers as an approach to increase the viability of sterlet (Pisces: Acipenseridae: *Acipenser ruthenus*) cells against environmental diazinon toxici. *Journal of Hazardous Materials* 465, 133194. (M21a)

Рад бр. 19. Hegediš, A., Lenhardt, M, Mićković, B., Cvijanović, G., Jarić, I., Gačić, Z. (2007). Amur sleeper (*Perccottus glenii* Dubowski, 1877) spreading in the Danube River basin. *Journal of Applied Ichthyology* 23(6), 705-706.

Цитиран је 20 пута**:**

1. Nowak, M., Popek, W., Epler, P. (2008). Range expansion of an invasive alien species, Chinese sleeper, *Perccottus glenii* Dybowski, 1877 (Teleostei: Odontobutidae) in the Vistula River drainage. *Acta Ichthyologica et Piscatoria* 38(1), 37-40. (M23)
2. Grabowska, J., Grabowska, M., Pietraszewski, D., Gmur, J. (2009). Non-selective predator – the versatile diet of amur sleeper (*Perccottus glenii* Dybowski, 1877) in the Vistula River (Poland), a newly invaded ecosystem. *Journal of Applied Ichthyology* 25(4), 451-459. (M23)
3. Mierzejewska, K., Martyniak, A., Kakareko, T., Hliwa, P. (2010). First record of *Nippotaenia mogurndae* Yamaguti and Miyata, 1940 (Cestoda, Nippotaeniidae), a parasite introduced with Chinese sleeper to Poland. *Parasitology Research* 106(2), 451-456. (M22)
4. Ćaleta, M., Jelić, D., Buj, I., Zanella, D., Marčić, Z., Mustafić, P., Mrakovčić, M. (2011). First record of the alien invasive species rotan (*Perccottus glenii* Dybowski, 1877) in Croatia. *Journal of Applied Icthyology* 27(1), 146-147. (M23)
5. Covaciu-Marcov, S.-D., Telcean, I.C., Ferenti, S. (2011). Range extension of *Perccottus glenii* Dybowski, 1877 in Western Romania, a new distribution route in the Danube River Basin? *Journal of Applied Ichthyology* 27(1), 144-145. (M23)

6. Lenhardt, M., Marković, G., Hegediš, A., Maletin, S., Ćirković, M., Marković, Z. (2011). Non-native and translocated fish species in Serbia and their impact on the native ichthyofauna. *Reviews in Fish Biology and Fisheries* 21(3), 407-421. (M21a)
7. Reshetnikov, A.N., Sokolov, S.G., Protasova, E.N. (2011). The host-specific parasite *Nippotaenia mogurndae* confirms introduction vectors of the fish *Perccottus glenii* in the Volga river basin. *Journal of Applied Ichthyology* 27(5), 1226-1231. (M23)
8. Mierzejewska, K., Kvach, Y., Woźniak, M., Kosowska, A., Dziekońska-Rynko, J. (2012). Parasite of an Asian fish, the Chinese sleeper *Perccottus glenii*, in the Włocławek Reservoir on the lower Vistula River, Poland: In search of the key species in the host expansion process. *Comparative Parasitology* 79(1), 23-29.
9. Reshetnikov, A.N. (2013). Spatio-temporal dynamics of the expansion of rotan *Perccottus glenii* from West-Ukrainian centre of distribution and consequences for European freshwater ecosystems. *Aquatic Invasions* 8(2), 193-206. (M22)
10. Reshetnikov, A.N., Schliewen, U.K. (2014). First record of the invasive alien fish rotan *Perccottus glenii* Dybowski, 1877 (Odontobutidae) in the upper Danube drainage (Bavaria, Germany). *Journal of Applied Ichthyology* 29(6), 1367-1369. (M23)
11. Luca, M., Ureche, D., Nicuţă, D., Ghiorhiţă, G., Druică, R.C., Gorgan, L.D. (2014). The genetic variability of the invasive *Perccottus glenii* from Siret River, using the cytochrome b gene. *Annals of Romanian Society for Cell Biology* 19(1), 11-20.
12. Reshetnikov, A.N., Karyagina, A.S. (2015). Further evidence of naturalisation of the invasive fish *Perccottus glenii* Dybowski, 1877 (Perciformes: Odontobutidae) in Germany and necessity of urgent management response. *Acta Zoologica Bulgarica* 67(4), 553-556. (M23)
13. Piria, M., Povž, M., Vilizzi, L., Zanella, D., Simonović, P., Copp, G.H. (2016). Risk screening of non-native freshwater fishes in Croatia and Slovenia using the Fish Invasiveness Screening Kit. *Fisheries Management and Ecology* 23(1), 21-31. (M22)
14. Mérő, T.O. (2016). The first record in Central Europe of the alien invasive rotan, *Perccottus glenii*, in the diet of the European perch *Perca fluviatilis*. *Natura Croatica* 25(1), 155-157.
15. Rau, M.A., Plavan, G., Strungaru, S.A., Nicoara, M., Rodriguez-Lozano, P., Mihu-Pintilie, A., Ureche, D., Klimaszyk, P. (2017) The impact of amur sleeper (*Perccottus glenii* Dybowsky, 1877) on the riverine ecosystem: Food selectivity of amur sleeper in a recently colonized river. *Oceanological and hydrobiological Studies* 46(1), 96-107. (M23)
16. Piria, M., Simonović, P., Kalogianni, E., Vardakas, L., Koitsikos, N., Zanella, D., Ristovska, M., Apostolou, A., Adrović, A., Mrdak, D., Tarkan, A.S., Milošević, D., Zanella, L.N., Bakiu, R., Ekmekçi, F.G., Povž, M., Korro, K., Nikolić, V., Škrijelj, R., Kostov, V., Gregori, A., Joy, M.K. (2018) Alien freshwater fish species in the Balkans – Vectors and pathways of introduction. *Fish and Fisheries* 19(1), 138-169. (M21a)
17. Horvatić, S., Zanella, D., Marčić, Z., Mustafić, P., Buj, I., Onorato, L., Ivić, L., Karlović, R., Ćaleta, M. (2022). First report of the Chinese sleeper *Perccottus glenii* Dybowski, 1877 in the Drava River, Croatia. *BioInvasions Records* 11(1), 250-266. (M23)
18. Kvach, Y., Kutsokon, Y., Demchenko, V., Yuryshynets, Kudryashov, S., Abramiuk, I. (2022). Post-invasion spread of Chinese sleeper (*Perccottus glenii*) in the Lower Danube drainage (Budjak region of Ukraine). *BioInvasions Records* 11(2), 547-559. (M23)
19. Brazier, T., Cherif, E., Martin, J.-F., Gilles, A., Blanchet, S., Zhao, Y., Combe, M., McCairns, R.J.S., Gozlan, R.E. (2022). The influece of native populations' genetic

history on the reconstruction of invasion routes: the case of a highly invasive aquatic species. *Biological Invasions* 24, 2399-2420. (M21a)

20. Pupins, M., Nekrasova, O., Marushchak, O., Tytar, V., THeissinger, K., Čeirāns, A., Skute, A., Georges, J.-Y. (2023). Potential Threat of an Invasive Fish Species for Two Native Newts Inhabiting Wetlands of Europe Vulnerable to Climate Change. *Diversity* 15(2), 201. (M22)

Рад бр. 25. Lenhardt, M., Jarić, I., Bojović, D., Cvijanović, G., Gačić, Z. (2006). Past and current status in the Serbian part of the Danube River. Proceedings 36th International Conference of IAD, 148-151. Austrian Committee Danube Research / IAD, Vienna.

Цитиран је 6 пута**:**

1. Bloesch, J. (2006). The ultimate need for the implementation of sturgeon protection in the Danube River Basin – a view of 2006 and call for actions with the Sturgeon Action Olan under the Bern Convention. *Proceedings 36th International Conference of IAD, Vienna*, 132-136. (M33)
2. Jarić, I. (2009). Population viability analysis of the Danube sturgeon populations. Master Programme in Management of Biological Diversity (2007-2009), Swedish Biodiversity Centre, Swedish University of Agricultural Sciences (SLU) and Uppsala University, Uppsala, Sweden.
3. Ludwig, A., Lippold, S., Debus, L., Reinartz, R. (2009). First evidence of hybridization between endangered sterlets (*Acipenser ruthenus*) and exotic Siberian sturgeons (*Acipenser baerii*) in the Danube River. *Biological Invasions* 11(3), 753-760. (M21a)
4. Jarić, I., Ebenhard, T., Lenhradt, M. (2010) Population viability analysis of the Danube sturgeon populations in a Vortex simulation model. *Reviews in Fish Biology and Fisheries* 20, 219-237. (M21a)
5. Stevović, I., Jovanović, J., Stević, S. (2017) Sustainable management of Danube renewable resources in the region of Iron Gate. Djerdap 1, 2 and 3 case study. *Management of Environmental Quality: An International Journal* 28(5), 664-680.
6. Ćaleta, M., Maričić, Z., Buj, I., Zanella, D., Mustafić, P., Duplić, A., Horvatić, S. (2019). A review of extant Croatian freshwater fish and lampreys. *Croatian Journal of Fisheries* 77, 137-234.

Рад бр. 48. Lenhardt, M., Smederevac-Lalić, M., Hegediš, A., Skorić, S., Cvijanović, G., Višnjić-Jeftić, Ž., Đikanović, V., Jovičić, K., Jaćimović, M., Jarić, I. (2020). Human Impacts on Fish Fauna in the Danube River in Serbia: Current Status and Ecological Implications, In: Bănăduc D., Curtean-Bănăduc A., Pedrotti F., Cianfaglione K., Akeroyd J. (eds) Human Impact on Danube Watershed Biodiversity in the XXI Century. Geobotany Studies (Basics, Methods and Case Studies), pp. 257-279. Springer, Cham.

Цитиран је 6 пута**:**

1. Margaritova, B., Kenderov, L., Dashinov, D., Uzunova, E., Mihov, S. (2021) Dietary composition of young sturgeons (Acipenseridae) from the Bulgarian section of the Danube River. *Journal of Natural History* 55(35-36), 2279-2297. (M23)
2. Janauer, G.A., Exler, N., Anackov, G., Barta, V., Berczik, A., Boza, P., Dinka, M., Georgiev, V., Germ, M., Holcar, M., Hrivnak, R., Igic, R., Ozimec, S:, Sarbu, A., Schmidt, B., Schmidt-Mumm, U., Schutz, W., Sipos, K., Szalma, E., Topic, J., Tsoneva, S., Valachovic, M., Valchez, V., Vukov, D., Zelnik, I., Gaberscik, A. (2021) Distrubution of the macrophyte communities in the Danube reflects river serial discontinuity. *Water (Switzerland)* 13(7), 918.
3. Curtean-Bănăduc, A., Burcea, A., Mihuț, C.-M., Bănăduc, D. (2021) The bentic trophic corner stone compartment in pops transfer from abiotic environment to higher trophic levels-trichoptera and ephemeroptera pre-alert indicator role. *Water (Switzerland)* 13(13), 1778.
4. Banaduc, D., Sas, A., Cianfagline, K., Barinova, S., Curtean-Banaduc, A. (2021) The role of aquatic refuge habitats for fish, and threarts in the context of climate change and human impact, during seasonal hydrological drought in the saxon villages area (Translylvania, Romania). *Atmosphere* 12(9), 1209. (M22)
5. Subotić, S., Višnjić-Jeftić, Ž., Bojović, S., Đikanović, V., Krpo-Ćetković, J., Lenhardt, M. (2021) Seasonal variations of macro-, micro-, and toxic elements in tissue of vimba bream (*Vimba vimba*) from the Danube River near Belgrade, Serbia. *Environmental Science and Pollution Research* 28(44), 63087-63101. (M22)
6. Boeraş, I., Burcea, A., Coman, C., Bănăduc, D., Curtean- Bănăduc, A. (2021) Bacterial microbiomes in the sediment of lotic systems ecologic drivers and role: A case study from the Mureş, Transylvania, Romania. *Water (Switzerland)* 13(24), 3518.

Рад бр. 50. Jarić, I., Lennox, R.J., Kalinkata, G., Cvijanović, G., Radinger, J. (2019). Susceptibility of European freshwater fish to climate chnage: Species profiling based on life-history and enviromental characteristics. *Global Change Biology*, 25(2): 448-458.

Цитиран је 51 пута**:**

1. Radinger, J., Alcaraz-Hernández, J.D., García-Berthou, E. (2019) Environmental filtering governs the spatial distribution of alien fishes in a large, human-impacted Mediterranean river. *Diversity and Distributions* 25(5), 701-714. (M21)
2. Sarker, G.C., Wostl, E., Thammachoti, P., Sidik, I., Hamidy, A., Kurniawan, N., Smith, E.N. (2019) New species, diversity, systematics, and conservation assessment of the Puppet Toads of Sumatra (Anura: Bufonidae: Sigalegalephrynus). *Zootaxa* 4679(2), 365-391. (M23)
3. Ainerua, M.O., Tinwell, J., Kompella, S.N., Sørhus, E., White, K.N., van Dongen, B.E., Shiels, H.A. (2020) Understanding the cardiac toxicity of the anthropogenic pollutant phenanthrene on the freshwater indicator species, the brown trout (*Salmo trutta*): From whole heart to cardiomyocytes. *Chemosphere* 239, 124608. (M21)
4. Hitt, N.P., Rogers, K.M., Kellz, Z.A., Hensey, J., Mullican, J.E. (2020) Fish life history trends increasing flow stochasticity in an unregulated river. *Ecosphere* 11(2), e03026. (M22)
5. Dolakova, G., Skrinar, A., Macura, V. (2020) Assessment of the River Habitat Quality Using Bioindication in the Piedmont Stream Hadlovka in SLovakia. *IOP Conference Series: Earth and Environmental Science* 444(1), 012012.

6. van Treeck, R., Van Wichelen, J., Wolter, C. (2020) Fish species sensitivity classification for environmental impact assessment, conservation and restoration planning. *Science of the Total Environment* 708, 135173. (M21a)
7. Štefunková, Z., Macura, V., Škrinár, A., Majorošková, M., Dolákova, G., Halaj, P., Petrová, T. (2020) Evaluation of the methodology to assess the influence of hydraulic characteristics on habitat quality. *Water (Switzerland)* 12(4), 1131.
8. Singer, G.P., Chapman, E.D., Ammann, A.J., Klimley, A.P., Rypel, A.L., Fangue, N.A. (2020) Historic drought influences outmigration dynamics of juvenile fall and spring-run Chinook Salmon. *Environmental Biology of Fishes* 103(5), 543-559. (M22)
9. Borgwardt, F., Unfer, G., Auer, S., Waldner, K., El-Matbouli, M., Bechter, T. (2020) Direct and Indirect Climate Change Impact on Brown Trout in Central Europe: How Thermal Regimes Reinforce Physiological Stress and Support the Emergence of Diseases. *Frontiers in Environmental Science* 8, 59. (M21)
10. Monk, C.T., Chéret, B., Czapla, P., Hühn, D., Klefoth, T., Eschbach, E., Hagemann, R., Arlinghaus, R. (2020) Behavioural and fitness effects of translocation to a novel environment: Whole-lake experiments in two aquatic top predators. *Journal of Animal Ecology* 89(10), 2325-2344. (M21)
11. Radinger, J., García-Berthou, E. (2020) The role of connectivity in the interplay between climate change and the spread of alien fish in a large Mediterranean river. *Global Change Biology* 26(11), 6383-6398. (M21a)
12. Jarić, I., Bellard, C., Courchamp, F., Kalinkat, G., Meinard, Y., Roberts, D.L., Correia, R.A. (2020) Societal attention toward extinction threats: a comparison between climate change and biological invasions. *Scientific Reports* 10(1), 11085. (M21)
13. Wegscheider, B., Linnansaari, T., Monk, W.A., Ndong, M., Haralampides, K., St-Hilaire, A., Schneider, M., Curry, R.A. (2021) Quantitative modelling of fish habitat in a large regulated river in a changing climate. *Ecohydrology* 15(5), e2318. (M22)
14. Manjarrés-Hernández, A., Guisande, C., García-Roselló, E., Heine, J., Pelayo-Villamil, P., Pérez-Costas, E., González-Vilas, L., González-Dacosta, J., Duque, S.R., Grando-Lorencio, C., Lobo, J.M. (2021) Predicting the effects of climate change on future freshwater fish diversity at global scale. *Nature Conservation* 43, 1-24. (M22)
15. Radočaj, T., Špelić, I., Vilizzi, L., Povž, M., Piria, M. (2021) Identifying threats from introduced and translocated non-native freshwater fish in Croatia and Slovenia under current and future climatic conditions. *Global Ecology and Conservation* 27, e01520. (M21)
16. Grilo, M.L., Isidoro, S., Chambel, L., Marques, C.S., Marques, T.A., Sousa-Santos, C., Robalo, J.I., Oliveira, M. (2021) Molecular epidemiology, virulence traits and antimicrobial resistance signature of *Aeromonas spp*. In the critically endangered *Iberochondrostoma lusitanicum* follow geographical and seasonal patterns. *Antibiotics* 10(7), 759. (M21)
17. Grilo, M.L., Chambel, L., Marques, T.A., Sousa-Santos, C., Robalo, J.I., Oliveira, M. (2021) Sympatric threatened Iberian leuciscids exhibit differences in Aeromonas diversity and skin lesions' prevalence. *PLoS ONE* 16(8 August), e0255850. (M22)
18. Furmankiewicz, M., Hewitt, R.J., Kapusta, A., Solecka, I. (2021) Climate changes challenges and community-led development strategies: Do they fit together in fisheries regions? *Energies* 14(20), 6614. (M22)
19. Costa, M.J., Duarte, G., Segurado, P., Branco, P. (2021) Major threats to European freshwater fish species. *Science of the Total Environment* 797, 149105. (M21a)
20. Moore, A.P., Galic, N., Brain, R.A., Hornbach, D.J., Forbes, V.E. (2021) Validation of freshwater mussel life-history strategies: A database and multivariate analysis of

freshwater mussel life-history traits. *Aquatic Conservation: Marine and Freshwater Ecosystems* 31(12), 3386-3402. (M21)
21. Schwelm, J., Selbach, C., Kremers, J., Sures, B. (2021) Rare inventory of trematode diversity in a protected natural reserve. *Scientific Reports* 11(1), 22066. (M21)
22. Costello, M.J. (2022). Climate Change is not the Biggest Threat to Freshwater Biodiversity. In: DellaSala, D.A., Goldstein, M.I. 2022. *Imperiled: The Encyclopedia of Conservation*, Elsevier, 623-632.
23. Kalogianni, E., Kapakos, Y., Oikonomou, A., Giakoumi, S., Zimmerman, B. (2022). Dramatic decline of two freshwater killifishes, main anthropogenic drivers and appropriate conservation actions. *Journal for Nature Conservation* 57, 126191.
24. Wegscheider, B., Linnansaari, T., Monk, W.A.., Ndogu, M., Haralampides, K., St-Hilaire, A., Schneider, M., Curry, R.A. (2022). Quantitative modelling of fish habitat in a large regulated river in a changing climate. *Ecohydrology* 15(5), e2318. (M22)
25. Ferreira-Rodríguez, N., Podreira, A., Lama, G., Padilla-González, C., González, A., Pardo, I. (2022). *Corbicula* incorporation to indicator parameters to assess the ecological status of northwestern Iberian estuaries. *Aquatic Sciences* 84, 40. (M21)
26. Tsavdaridou, A.I., Almpanidou, V., Mazaris, A.D. (2022). Novel climates in European river sub-basins pose a challenge for the persistence of freshwater fish. *Science of The Total Environment* 830, 154696. (M21a)
27. Narain, D., Teo, H.C., Lechner, A.M., Watson, J.E., Maron, M. (2022). Biodiversiy risk and safeguards of China's hydropower financing in Belt and Road Initiative (BRI) countries. *One Earth* 5(9), 1019-1029. (M21a)
28. Auber, A., Waldock, C., Maire, A., Goberville, E., Albouym C., Algar, A.C., McLean, M., Brind'Amour A., Green, A.L., Tupper, M., Vigliola, L., Kaschner, K., Kesner-Reyes, K., Merger, M., Tjiputra, J., Toussaint, A., Violle, C., Mouquet, N., Thuiller, W., Mouillot, D. (2022). A functional vulnerbility framework for biodiversity conservation. *Nature Communications* 13, 4774. (M21a)
29. Kirk, M.A., Rahel, F.J. (2022). Climate disequilibrium of fishes along elevation and latitudinal gradients: Implications for climate tracking. *Journal of Biogeography* 49(120, 2145-2155. (M21)
30. Basen, T., Chucholl, C., Oexle, S., Ros, A., Brinker, A. (2022). Suitability of Nature 2000 sites for threatened freshwater species under projected climate change. *Aquatic Conservation: Marine and Freshwater Ecosystems* 32(12), 1872-1887. (M21)
31. Nagayama, S., Sueyoshi, M., Fujii, R., Harada, M. (2023). Basin-scale spatiotemporal distribution of ayu *Plecoglossus altivelis* and its relationship with water temperature from summer growth to autumn spawning periods. *Landscape and Ecological Engineering* 19, 21-31. (M22)
32. Souza, A.T., Dias, E., Antunes, C., Ilarri, M. (2023). Disruption cause by invasive species and climate change on the functional diversity of a fish community. *NeoBiota* 88, 211-244. (M21)
33. Barry, J., Radinger, J., Connor, L., Coyne, J., Kelly, S., Kelly, F.I. (2023). The vulnerability of Ireland's freshwater fish to climate change. *Fisheries Management and Ecology* 30(2), 142-153. (M22)
34. Emiroğlu, Ö., Aksu, S., Başkurt, S., Britton, J.R., Tarkan, A.S. (2023). Predicting how climate change and globally invasive piscivorous fishes will interact to threaten populations of endemic fisheries in a freshwater biodiversity hotspot. *Biological Invasins* 25, 1907-1920.
35. Carey, N., Chester, E.T., Robson, B.J. (2023). Loss of functionally important and regionally endemic species from streams forced into intermittency by global warming. *Global Change Biology* 29(11), 3019-3038. (M21a)

36. Makki, T., Mostafavi, H., Matkan, A.A., Aghighi, H., Valavi, R., Chee, Y.E., Teimori, A. (2023). Impact of climate change on the distribution of riverine endemic fish species in Iran, a biodiversity hotspot region. *Freshwater Biology* 68(6), 1007-1019. (M21)
37. Arlinghaus, R., Rittweg, T., Dhellemmes, F., Koemle, D., van Gemert, R., Schubert, H., Niessner, D., Mőller, S., Droll, J., Friedland, R., Lewin, W.-C., Dorow, M., Westphal, L., Ehrlich, E., Strehlow, H.V., Weltersbach, M.S., Roser, P., Braun, M., Feldhege, F., Winkler, H. (2023). A synthesis of a coastal nothern pike (*Esox lucius*) fishery and its social-ecological environment in the southern Baltic Sea: Implications for the management of mixed commercial-recreational fisheries. *Fisheries Research* 263, 106663. (M22)
38. Kalogianni, E., Zogaris, S., Leris, I., Laschou, S., Zimmerman, B., Meek, S., Sargeant, S., Weldon, L., Steer, M.D. (2023). New boundaries: Redefining the geographical range of a threatened fish through environmental DNA survey. *Environmetal DNA* 5, 697-705.
39. Audzijonyte, A., Mateos-Ganzá, F., Dainys, J., Gundelund, C., Skov, C., Tyrell DeWeber, J., Venturelli, P., Vienožinskis, V., Smith, C. (2023). High-resolution app data reveal sustained increases in recreational fishing effort in Europe during and after COVID-19 lockdowns. *Royal Society Open Science* 10, 230408. (M22)
40. Leite, T., Mameri, D., Branco, P., Vieira, I., Oliveira, M., Santos, J.M. (2023). Swiming under Pressure: The Sub-Lethal Effects of a Pesticide on the Behaviour of Native and Non-Native Cypriniformes Fish. *Fishes* 8, 462. (M22)
41. Tesfay, M., Souza, A.T., Soukalová, K., Šmejkal, M., Hejzlar, J., Prchalová, M., Říha, M., Muška, M., Vašek, M., Frouzová, J., Blabolil, P., Boukal, D.S., Kubečka, J. (2023). Somatic growth of pikeperch (*Stizostedion lucioperca*) in relation to variation in temperature and euthropication in a Central Europe Lake. *Fisheries Research* 267, 106824. (M22)
42. Guiquan, S., Jiali, F., Shuai, G., Wenya, H., Xiangkun, K., Sheng, Z., Yueling, Z., Xuelian, J. (2023). Geographic distribution and impacts of climate change on the suitable habitats of *Rhamnus utilis* Decne in China. *BMC Plant Biology* 23, 592. (M21)
43. Brunner, A., García Márquez, J.R., Domisch, S. (2024). Downscaling future land cover scenarios for freshwater fish distribution models under climate change. *Limnologica* 104, 126139. (M22)
44. Johnson, M.F., Albertson, L.K., Algar, A.C., Dugdal, S.J., Edwards, P., England, J., Gibbins, C., Kazama, S., Komori, D., MacColl, A.D.C., Scholl, E.A., Wilby, R.L., de Oliveira Roque, F., Wood, P.J. (2024). Rising water temperature in rivers: Ecological impacts and future resilience. *WIREs Water* In Press
45. Torres, A., zuErmgassen, S.O.S.E., Navarro, L.M., Ferri-Yanez, F., Teixeira, F.Z., Wittkopp, C., Rosa, I.M.D., Liu, J. (2024). Mining threats in high-level biodiversity conservation policies. *Conservation Biology* In Press (M21a)
46. Ashade, A.O., Obayori, O.S., Salam, L.B., Fashola, M.O., Nwaokorei, F.O. (2024). Assessment of the impacts of chemical and hydrocarbon pollution on Ologe Lagoon water and its prokaryotic community structure. *Aquatic Ecology* In Press (M22)
47. Alcaraz-Hernández, J.D., Radinger, J., Luque, Y., García-Berthou, E. (2024). Response of pan-European fish index (EFI+) to multiple pressures in rivers across Spain. *Journal of Environmental Management* 352, 120043. (M21)
48. Zynaroieva, A., Bondareva, D., Kunakh, O., Svenning, J.-C., Zhukov, O. (2024). Young-of-the-year fish as bioindicators of eutrophication and temperature regime of water bodies. *Environmental Monitoring and Assessment* 196, 161. (M22)

49. Kapakos, Y., Barbieri, R., Zimmerman, B., Miliou, H., Karakatsouli, N., Kalogianni, E. (2024). Embryonic and larval development of a highly threatened killfish: ecological and conservation implications. *Environmental Biology of Fishes* 107, 293-305. (M22)
50. Friedrichs-Manthey, M., Langhans, S.D., Borgward, F., Hein, T., Kling, H., Stanzel, P., Jähnig, S.C., Domisch, S. (2024). Three hundred years of past and future changes for native fish species in the upper Danube River Basin - Historical flow alterations versus future climate change. *Diversity and Distribution* 30, e13808. (M21)
51. Haubrock, P.J., Soto, I., Kourantidou, M., Ahmed, D.A., Tarkan, A.S., Balzani, P., Bego, K., Kouba, A., Aksu, S., Briski, E., Sylvester, F., De Santis, V., Archambaud-Suard, G., Bonada, N., Cañedo-Argüelles, M., Csabai, Z., Datry, T., Flooury, M., Fruget, J.-F., Jones, J.I., Lizee, M.-H., Maire, A., Murphy, J.F., Ozolins, D., Rasmussen, J.J., Skuja, A., Várbíró, G., Verdonschot, P., Verdonschot, R.C.M., Wiberg-Larsen, P., Cuthbert, R.N. (2024). Understanding the complex dynamics of zebra mussel invasions over several decades in European rivers: drivers, impacts and predictions. *Oikos* 2024, e10283. (M21)

Рад бр. 53. Jarić, I., Bronzi, P., Cvijanović, G., Lenhardt, M., Smederevac-Lalić, M., Gessner, J. (2019). Paddlefish (*Polyodon spathula*) in Europe: an aquaculture species and a potential invader. *Journal of Applied Ichthyology*, 35(1), 267-274.

Цитиран је 12 пута**:**

1. Bronzi, P., Chebanov, M., Michaels, J.T., Wei, Q., Rosenthal, H., Gessner, J. (2019) Sturgeon meat and caviar production: Global update 2017. *Journal of Applied Ichthyology* 35(1), 257-266. (M23)
2. Vasilyeva, L.M., Elnakeeb, M. (2019) Comperative assessment of the seasonal breeding patterns of the paddlefish *Polyodon spathula* (Walbaum, 1792) and the impact of growth tendency during winter and summer feeding. *Egyptian Journal of Aquatic Biology and Fisheries* 23(4), 335-346.
3. Schooley, J.D., Geik, A., Scarnecchia, D.L. (2020) First observations of intersex development in paddlefish *Polyodon spathula*. *Journal of Fish Biology* 97(3), 919-925. (M22)
4. Elnakeeb, M.A., Vasilyeva, L.M., Sudakova, N.V., Anokhina, A.Z., Gewida, A.G.A., alaGawany, M., Naiel, M.A.E. (2021) Evaluate the Metabolism Responses of Cultured Paddlefish, *Polyodon spathula* (Walbaum, 1792), Towards Some Ecological Stressors in the Volga-Caspian Basin using Fuzzy Modeling Control. *Advances in Animal and Veterinary Sciences* 9(6), 773-786.
5. Elnakeeb, M.A., Vasilyeva, L.M., Sudakova, N.V., Anokhina, A.Z., Gewida, A.G.A., Amer, M.S., Naiel, M.A.E. (2021) Paddlefish, *Polyodon spathula*: Historical, current status and future aquaculture prospects in Russia. *International Aquatic Research* 13(2), 89-107.
6. Farag, M.A., Abib, B., Tawfik, S., Shafik, N., Khattab, A.R. (2021) Caviar and fish roe substitutes: Current status of their nutritive value, bio-chemical diversity, authenticity and quality control methods with future perspectives. *Trends in Food Science and Technology* 110, 405-417. (M21a)
7. Vlahova-Vangelovs, D., Balev, D., Kolev, N., Nikolova, L., Dragoev, S. (2022). Preservation of fish freshness by edible alginate coating and surface tretment with dry

distilled rose patels extraction or L-ascorbic acid. *Food Sciences and Applied Biotechnology* 5(2), 181-189. (M23)

8. Usmani, M., Sameen, A., Khan, M.I., Sahar, A., Younas, R., Tariq, A., Tahir, R., Fatima, A., Aadil, R.M. (2022). Introduction to world production of fish roe and processing. In: El-Din, A., Bekhit, A. 2022. *Fish Roe – Biochemistry, Products, and Safety*, Academic Press, 1-18.
9. Simeanu, D., Radu-Rusu, R.-M., Mintas, O.S., Simeanu, C. (2022). Nutritional Evaluation of Paddlefish (*Polyodon spathula*) Meat Production. *Agriculture* 12, 1965. (M21)
10. Scarnecchia, D.L. (2023). The Extinction of the Chinese Paddlefish *Psephurus gladius*: Transnationalism, Technology Transfer, and Timescape. *Reviews in Fisheries Science & Aqaculture* 31(3), 369-419. (M21a)
11. Lobanov, V.P., Pate, J., Joyce, A. (2023). Sturgeon and paddlefish: Review of research on broodstock and early life stage management. *Aquaculture and Fisheries* In Press. (M21a)
12. Wu, Y., Fend, Y., Xue, M., Xiao, Z., Jin, L., Gao, R., Chen, Y., Liang, T., Zhou, Y. (2024). Isolation and Identification of *Staphylococcus saprophyticus* from Diseased Hybrid Sturgeon. *Fishes* 8, 250. (M22)

Рад бр. 54. Skorić, S., Mićković, B., Nikolić, D., Hegediš, A., Cvijanović, G. (2017). A Weight-length Relationship of the Amur Sleeper (*Perccottus glenii* Dybowski, 1877) (Odontobutidae) in the Danube River Drainage Canel, Serbia. *Acta Zoologica Bulgarica*, 9, 155-159.

Цитиран је 4 пута**:**

1. Trichkova, T., Tomov, R., Vladimorov, V., Kalcheva, H., Uludağ, A. (2017) ESENIAS and DIAS networks and highlights of the ESENSIA Workshop with Scientific COnference 'Networking and Regional Cooperation towards Invasive Alien Species Prevention and Management in Europe'. *Acta Zoologica Bulgarica* 69, 5-19. (M23)
2. Czerniejewski, P., Linowska, A., Brysiewicz, A., Kasowska, N. (2020) Body size, condition, growth rate and parasite fauna of the invasive *Perccottus glenii* (Actinopterygii: Odontobutidae) from small watercourse in the Vistula River basin, Poland. *Journal of Water and Land Development* 44, 33-42. (M24)
3. Horvatić, S., Zanella, D., Marčić, Z., Mustafić, P., Buj, I., Onorato, L., Ivić, L., Karlović, R., Ćaleta, M. (2022). First report of the Chinese sleeper *Perccottus glenii* DYbowski, 1877 in the Drava River, Croatia. *BioInvasions Records* 11(1), 250-266. (M23)
4. Djikanović, V., Skorić, S., Mićković, B., Nikolić, D. (2023). Diet Analysis of the Amur Sleeper (*Perccottus glenii*) from the Danube River Drainage Channel (Serbia). *Turkish Journal of Fisheries and Aquatic Sciences* 23(12), TRJFAS22854. (M23)

5. КВАЛИТАТИВНИ ПОКАЗАТЕЉИ УСПЕХА У НАУЧНОМ РАДУ

5.1 Пет најзначајнијих научних остварења

Међу научним публикацијама др Горчина Цвијановића у периоду од избора у звање научни сарадник, издвајају се 5 истраживачке публикације у којима је кандидат остварио битан ауторски допринос као први аутор или имао значајан удео у изради публикације. У овим радовима је велики значај имала експертиза кандидата у областима биологије и екологије јесетарских врста, експертиза утицаја алохтоних врста на станишта и аутохтоне врсте, као и екпетиза утицаја промена услова средине на Европске врсте риба.

1. **Cvijanović, G.**, Đikanović, V., Galambos, L., Pengal, P., Smederevac-Lalić, M. (2023). Past and Future of Sturgeon Species (Acipenseridae) in West Balkans: Case for Permanent Conservation or Sustainable Management. In: Simić, V., Simić, S., Pešić, V. (eds) Ecological Sustainability of Fish Resources of Inland Waters of the Western Balkans. Fish & Fisheries Series, vol 43. Springer, Cham. **DOI**: 10.1007/978-3-031-36926-1_10

Ово поглавље у монографији представља преглед стања и поулационих трендова јесетарских врста Западног Балкана, на основу доступних статистика, утицаја загађења, састава и промене њихове исхране, утицаја алохтоних врста. Такође, даје се и процена разлике у мерама и правним решењима заштите јесетарских врста у земљама Западног Балкана. Експертиза кандидата у овом раду се огледа у свеобухватном познавању проблематике јесетарских врста, као и проценама мера које је неопходно предузети ради боље заштите ових рибљих врста.

2. Jarić, I., Lennox, R.J., Kalinkata, G., **Cvijanović, G..** Radinger, J. (2019). Susceptibility of European freshwater fish to climate chnage: Species profiling based on life-history and enviromental characteristics. Global Change Biology, 25(2): 448-458. **DOI:** 10.1111/gcb.14518. (**IF_{2020}=10.863**)

Значај добијених резултата огледа се у области студије утицаја климатских промена на рибљих врста у Европи. Резултати указују да су рибље врсте подложне климатским променама углавном распрострањене у области Медитерана, те да их карактеришу мање тело и мања област које заузимају, не представљају економски значајне врсте, те да су подложније променама спољашње средине. Такође, предлаже се листа врста са приоритетом за будућа истраживања и мониторинг утицаја климатских промена на њих. У овом раду кандидат је дао значајан допринос у осмишљавању истраживања, као и сагледавању улоге климатских промена на поједине врсте риба.

3. **Cvijanović, G.,** Adnađević, T., Jarić, I., Lenhardt, M., Marić, S. (2017). Genetic analysis of sterlet (Acipenser ruthenus L.) populations in the Middle and Lower Danube sections. North-Western Journal of Zoology 13(1), 34-43. **ISSN**: 1584-9074 (**IF_{2018}=0.843**)

У приказаној студији утврђује се присуство протока гена код кечига из различитих делова Дунава и Тисе, као и присуство генског "уског грла" (енг. *bottleneck*), те процене ефективне величине популације. Ови подаци представљају основе за утврђивање адекватних мера заштите ових рибљих врста. Ескпертиза кандидата из области популационе генетике и познавања биологије ове рибље врсте је имала кључан допринос у осмишљавању и реализацији ових истраживања.

4. Jarić, I., Bronzi, P., **Cvijanović, G.**, Lenhardt, M., Smederevac-Lalić, M., Gessner, J. (2019). Paddlefish (Polyodon spathula) in Europe: an aquaculture species and a potential invader. Journal of Applied Ichthyology, 35(1), 267-274. **DOI**: 10.1111/jai.13672 (**IF_{2020}=0.956**)

Резултати ових истраживања показују тренутни статус веслоноса, алохтоне јесетарске врсте у Европи, и указује на потенцијал и изазове у развоју узгоја, као и инвазивни потенцијал и ризике које натурализације ове врсте може да има. Експертиза и доприонс кандидата у овој студији, се огледала у познавању биологије јесетарских врста и инвазивности алохтоних рибљих врста, као и познавању података о узгоју јесетарских врста.

5. Nikčević, M., Skorić, S., **Cvijanović, G.**, Mićković, B., Hegediš, A. (2016). First record of smoltified rainbow trout Oncorhynchus mykiss (Walbaum, 1792) in the main riverbed of the Serbain part of the Danube River. Journal of Applied Ichthyology 32(6), 1235-1236. **DOI**: 10.1111/jai.13230 (**IF_{2016}=0.845**)

Ово истраживање представља утврђивање присуства калифонијске пастрмке, алохтоне рибље врсте, у главном току Дунава. Експертиза кандидата у овом раду се огледа у познавању и извођењу генетичких истраживања, као и познавању инвазивности алохтоних врста рибе у Србији.

5.2 Оцена самосталности кандидата

Др Горчин Цвијановић је својом експертизом у области биологије рибљих врста, популационе генетике, хидроакустичне телеметрије и утицаја климатских промена остварио значајне резултате публиковане у међународним часописима или представљене на скуповима међународног или националног значаја. Мултидисциплинарни приступ истраживањима, као и међународна сарадња су били заступљени у великом броју истраживањ у којима је кандидат учествовао. Број коаутора са којима је кандидат сарађивао и објављивао радове је преко 50 и то са великог броја универзитета и научних институција из Србије, Хрватске, Босне и Херцеговине, Румуније, Италије, Немачке, Чешке, Норвешке и Шведске. Истраживачи са којима кандидат сарађује баве се различитим областима науке – биологијом, статистиком, економијом, правом, хидрологијом и инжињерством, што омогућава успешну реализацију сложених мултидисциплинарних истраживања и указује на самосталност и продуктивну сарадњу у широкој научној сфери.

Након избора у звање научни сарадник др Горчин Цвијановић објавио је **31 библиографску јединицу**, од којих 7 припада категоријама М20. Највећи број научних радова објављених у међународним часописима публикованим након избора у звање научни сарадник припада категоријама М23 (укупно 5, сума ИФ=4,055), док по један рад припада категоријама М21а (ИФ=**10,863**) и М21 (ИФ= **3,258**). Од укупно 31 библиографске јединице кандидат је први аутор на 5 које припадају следећим категоријама: јенда из категорије М13, једна из категорије М23 и три из категорије М64.

5.3 Учешће на пројектима

Кандидат је учествовао на следећим домаћим и међународним научним пројектима:

2003-2005. – "Развој високопродуктивне аквакултуре и њена примена у заштити и унапређењу рибљих ресурса", пројекат 1354, Министарство за науку, технологију и развој Републике Србије

2004-2005. – "Management of freshwater fisheries on bordering rivers – pilot study with holistic regional approach" - supported by government of Kingdom of Norway

2006-2008. – "Стандардизација и хармонизација техника за израду популационих студија риба из фамилије јесетри и вештачко размножавање" - Министарство за науку и заштиту животне средине

2006-2009. – "Истраживање диверзитета, заштите и одрживог коришћења фауне риба, као битних компоненти за развој стратегије интегралног управљања воденим ресурсима Србије" - пројекат ОИ143045, Министарство за науку и заштиту животне средине Републике Србије

2007-2008. – "Еколошка и рибарствена истраживања вода на подручју СРП "Увац"" - Министарство заштите животне средине Републике Србије

2007-2008. – "Sustainable use of sterlet and development of sterlet aquaculture in Serbia and Hungary" - supported by European agency for reconstruction (EAP)

2011-2016. – "Рибе као биоиндикатори отворених вода у Србији" - пројекат ОИ173045, Министарство образовања, науке и технолошког разоја Републике Србије

2012-2013. — "Испитивање стања и валоризација риболовног ресурса у Дунаву и Сави на територији Београда: основа за развој програма мониторинга" - Град Београд, Секретаријат за заштиту животне средине

2012-2016. – "COST Action ES 1201, Networking Lake Observation in Europe (NETLAKE)"

2014-2018. – "COST Action FA 1304, Swimming of fish and implication and aquaculture (FITFISH)"

2018. – "Прибављање података и друге услуге у циљу наставка израде црвених листа појединачних група организама флоре, фауне и гљива у Републици Србији (JNOP 03/ 2018)"

2018-2019. – "Оперативни мониторинг површинских и подземних вода Републике Србије, Партија 1 – Оперативни мониторинг површинских вода"

2018-2021. – "Managing and restoring aquatic Ecological corridors for migratory fish species in the Danube River Basin (MEASURES), INterreg Danube Transnational Program"

2018-2021. – "EU project We Pass - Faciliating fish migration and conservation at the Iron Gate"

2019-2023. – "COST Action CA 18102, The European Aquatic Animal Tracking Network "

2021-2024. – "We Pass 2 – EU Pilot Project: Making the Iron Gate dams passible for Danube Sturgeon"
2023-2027. – "DANUBE4all – Restoration of the Danube River Basin for ecosystems and people from mountains to coast"

5.4 Показатељ успеха у научном раду

Др Горчин Цвијановић се у свом научном раду бавио биолошким методама у области екологије, генетике и понашања рибљих врста. У досадашњем раду остварио је сарадњу са великим бројем истраживачких група са различитих института и факултета, као што су: Биолошки факултет Универзитета у Београду, Пољопривредни факултет Универзитета у Београду, Институт за биолошка истраживања "Синиша Станковић", Институт од националног значаја за републику Србију, Универзитета у Београду. Радом са колегама из различитих истраживачких група, допринео је развоју науке у земљи и постизању значајних истраживачких резултата.

Др Горчин Цвијановић је успешно руководио пројектним задатком у области понашања рибљих врста под називом "Праћење кретања миграторних риба на подручју брана Ђердап I и II" у оквиру пројекта 07027756/2021/844774/ETU/ENV.C.1, *Pilot project:* Making the Iron Gate dams passable for Danube sturgeon. (Потврда руководиоца пројекта дата је у Прилогу).

5.5 Међународна сарадња

Кандидат др Горчин Цвијановић био је учесник девет међународних пројеката. У овиру пројекта MEASURES, заједно са колегама са института BOKU (Аустрија), HAKI (Мађарска) и DDNI (Румунија), учествовао је у инвентаризацији станишта јесетарских врста, као и давању смерница за њихово унапређење. Такође, у оквиру пројеката WePass и WePass2, у сарадњи са колегама из института NINA (Норвешка), IGB (Немачка) и DDNI (Румунија), учествовао је у истраживањима понашања рибљих врста у околини бране Ђердап II, као и давању предлога о типу и локацији грађевинских структура (рибље стазе и лифтови) којима би јесетарске врсте могле да продуже своје узводне миграције.

5.6 Рецензије радова у међународним часописима

Током досадашњег рада, кандидат др Горчин Цвијановић урадио је рецензије за следеће часописе са *SCI* листе:

Movement Ecology (BMC, **M21**, Ecology 43/171, IF_{2021}=5,253)

Heliyon (Cell Press, **M22**, Multidisciplinary Sciences 24/73, IF_{2022}=4,1)

Journal of Applied Ichthyology (John Wiley & Sons, **M23**, Fisheries 42/54, IF_{2021}=1,222)

Acta Ichthyologica et Piscatoria (PENSOFT, **M23**, Fisheries 41/55, IF_{2022}=1)

North Western Journal of Zoology (University of Oradea Publishing House, **M23**, Zoology 41/55, IF_{2021}=0,778)

Turkish Journal of Fisheries and Aquatic Science (JICA, **M23**, Fisheries 39/54, IF_{2021}=1,423)

Такође, кандидат је уредник секције у часопису *Turksih Journal of Fisheries and Aquatic Science* (JICA, **M23**, Fisheries 39/54, IF_{2021}=1,423).

5.7 Чланство и активности у научним и стручним друштвима

Кандидат је члан Danube Sturgeon Task Force (DSTF), међународног стручног тела чији је циљ кординација и унапређење заштите угрожених природних јесетарских врста у басену Дунава и Црног мора.

6. КВАНТИТАТИВНА ОЦЕНА НАУЧНО-ИСТРАЖИВАЧКИХ РЕЗУЛТАТА

6.1. Приказ квантитативних показатеља научно-истраживачког рада

Квалитет и вредност научно-истраживачког рада на основу квантитативних вредности М коефицијената др Горчина Цвијановића **пре** избора у звање научни сарадник приказани су у **Табели 1.**

Табела 1. Сумарни преглед резултата научно-истраживачког рада кандидата са квантитативним вредностима М коефицијента **пре** избора у звање научни сарадник

Назив групе резултата и ознака групе	Ознака	Број резултата по врсти	Вредност резултата	Збир	Нормирани бр. поена
Радови објављени у научним часописима међународног значаја, М20	М21а	1	10	10	10
	М21	4	8	32	32
	М22	5	5	25	24,1
	М23	9	3	27	27
Монографије, монографске студије и тематски зборници М10	М12/М14	2	4	8	8
Зборник међународних научних скупова, М30	М33	6	1	6	6
	М34	14	0,5	7	7
Радови у часописима националног значаја, М50	М51	1	2	2	1,6
	М53	2	1	3	1,8
Зборници националних научних скупова, М60	М63	1	1	1	1
Одбрањен магистарски рад	М72	1	3	3	3
Одбрањена докторска теза	М71	1	6	6	6
УКУПНО				129	127,5

На свим радовима кандидата на којима је потписано више од 7 коаутора, бодови су нормирани према формули: M = (број поена)/(1 + 0,2x(n-7)); n - број аутора

Квалитет и вредност научно-истраживачког рада на основу квантитативних вредности М коефицијента др Горчина Цвијановића **после** избора у звање научни сарадник приказане су у **Табели 2.**

Табела 2. Сумарни преглед резултата научно-истраживачког рада кандидата са квантитативним вредностима М коефицијента **након** избора у звање научни сарадник					
Назив групе резултата и ознака групе	Ознака	Број резултата по врсти	Вредност резултата	Збир	Нормирани бр. поена
Радови објављени у научним часописима међународног значаја, М20	М21а	1	10	10	10
	М21	1	8	8	6.6
	М23	5	3	15	15
Монографије, монографске студије и тематски зборници М10	М13	2	7	14	11,3
Зборник међународних научних скупова, М30	М33	1	1	1	1
	М34	9	0,5	4,5	4,5
Радови у часописима националног значаја, М50	М52	2	1,5	3	3
Зборници националних научних скупова, М60	М63	2	0,5	1	1
	М64	8	0,2	1,6	1,6
$M_{10}+ M_{20}+ M_{31}+ M_{32}+ M_{33}+ M_{41}+ M_{42}$ (обавезно > 40)				48	43,9
$M_{11}+ M_{12}+ M_{21}+ M_{22}+ M_{23}$ (обавезно > 30)				33	31,6
УКУПНО				**58,1**	**54**

Кандидат је у досадашњој каријери укупно објавио **78** библиографских јединица, и остварио укупан ИФ радова у износу **45,608** док просечан ИФ по раду износи **1,754.** Остварене вредности ИФ пре и након стицања звања научни сарадник, укупна цитираност кандидата, број хетероцитата, као и вредност *h* фактора у досадашњој каријери на основу сервиса *SCOPUS* на дан 24.06.2024. приказани су у **Табели 3**.

Табела 3. Остварене вредности импакт фактора (ИФ) и цитираност кандидата		
	Укупно	**Просечно по раду**
ИФ до избора у звање научни сарадник	**27,432**	**1,444**
ИФ након избора у звање научни сарадник	**18,176**	**2,596**
Укупна вредност импакт фактора	**45,608**	**1,754**
Укупан број цитата	**672**	**25,846**
Број хетероцитата	**608**	**23,385**
h индекс	**13**	

Из приложених табела се може видети да је др Горчин Цвијановић након избора у звање научни сарадник остварио резултате у вредности од **54 поена** након нормирања радова на број аутора према Правилнику о поступку, начину вредновања и квантитативном исказивању научно-истраживачких резултата истраживача.

7. ЗАКЉУЧАК И ПРЕДЛОГ КОМИСИЈЕ

Разматрајући свеукупни научно-истраживачки рад др Горчина Цвијановића, научног сарадника Института за мултидисциплинарна истраживања, можемо закључити да је он формиран научни радник који је нашао своје место у области биологије и екологије рибљих врста. Публиковао је значајне резултате истраживања из области конзервације угрожених рибљих врста, утицаја климатских промена на рибље врсте, као и утицај алохтоних рибљих врста на аутохтоне популације риба и њихова станишта.

Резултати рада др Горчина Цвијановића, након избора у звање научни сарадник, публиковани су у укупно **7** научних радова објављених у међународним часописима, од којих је један објављен у међународним часопису изузетних вредности – М21а, један у истакнутом међународном часопису – М21, пет у међународном часопису – М23 и два у истакнутом националном часопису – М52. Укупна остварености М коефицијента износи **181,5** (**54** после избора у звање научни сарадник). Кандидат је остварио укупан импакт фактор у износу **45,608**, укупан број цитата у међународним часописима са *SCI* листе износи **672**, а ***h* индекс 13.**

Увидом у целокупан научни допринос **др Горчина Цвијановић**, а у складу са критеријумима који су прописани Законом о научно-истраживачкој делатности и Правилнику о поступку, начину вредновања и квантитативном исказивању научно-истраживачких резултата за избор у звање виши научни сарадник донето од стране Министарства за просвету, науку и технолошки развој Републике Србије, Комисија сматра да је кандидат својим досадашњим радом испунио све услове за **избор** у звање **виши научни сарадник**, и предлаже Научном већу Универзитета у Београду – Института за мултидисциплинарна истраживања да прихвати овај извештај и предложи надлежном Матичном одбору Министарства науке, технолошког развоја и иновација да изабере кандидата у научно звање **виши научни сарадник**.

У Београду, **08.07.2024.**

ЧЛАНОВИ КОМИСИЈЕ:

др Жељка Вишњић-Јефтић, виши научни сарадник,
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др Александар Урошевић, виши научни сарадник, Институт за биолошка истраживања "Синиша Станковић" – Институт од националног значаја за Републику Србију, Универзитет у Београду