

LISTA LUCRĂRILOR ȘTIINȚIFICE

S.L.dr.ing. Aurelia NICA

A. ARTICOLE PUBLICATE

A.1. Lucrări indexate ISI Web of Knowledge

A.1.1. Lucrări indexate ISI Web of Knowledge - în reviste cu factor de impact calculat

1. Antache, A., Simionov, I.-A., Petrea, Ș.-M., Nica, A., Georgescu, P.-L., Oprică, L., Grigore, M.-N., Oroian, M., Jitaru, D., Liteanu, A., Ciobîcă, A.-S., & Poroach, V. (2025). Insect–Antioxidants Symbiotic Nexus—Pathway for Sustainable and Resilient Aquaculture: A Case Study for Evaluating Koi Carp Growth and Oxidative Stress Status. *Antioxidants*, 14(4), 371. <https://doi.org/10.3390/antiox14040371>
2. Petrea, Ș.-M.; Simionov, I.A.; Antache, A.; Nica, A.; Oprica, L.; Miron, A.; Zamfir, C.G.; Neculiță, M.; Dima, M.F.; Cristea, D.S. *An Analytical Framework on Utilizing Various Integrated Multi-Trophic Scenarios for Basil Production*. *Plants* 2023, 12, 540. <https://doi.org/10.3390/plants12030540>.

A.1.2. Lucrări indexate ISI Web of Knowledge - în reviste fără factor de impact calculat (Science și Social Sciences)

1. **A. Mihalache**, L. Oprea, L. Dediu, V. Cristea, A. Docan, C. Sion (Badalan), I. Enache, 2011. Growth performance of the japanese ornamental carp (*Cyprinus carpio* Linnaeus, 1758) fry reared in a recirculating aquaculture system. *Journal of Environmental Protection and Ecology (JEPE)*. Vol 12, No 3, pp.1078-1089.
2. **A. Mihalache**, L. Oprea, I. Grecu, V. Cristea, C. Badalan (Sion), I. Enache, S. Ion (Placinta), 2011. Artificial Reproduction and Embryonic Development of the Japanese Ornamental Carp (*Cyprinus carpio* Linnaeus, 1758). *Journal of Environmental Protection and Ecology (JEPE)*. Vol 12, No 4, pp.1835-1840.

A.1.4. Lucrări indexate ISI Web of Knowledge - în volume ale conferințelor indexate (ISI Proceedings)

1. **Aurelia Nica**, Isabelle Metaxa, Ira-Adeline Simionov, Alina Antache, Ștefan-Mihai Petrea, 2024, *A Review of Advances in the Dietary Inclusion of Hermetia Illucens in Fish Feeds*, 2024 E-Health and Bioengineering Conference (EHB), IASI, Romania, 2024, pp. 1-4, doi: 10.1109/EHB64556.2024.10805714.
2. **Nica, A.** et al. , 2024. *Chemical Perspectives Regarding the Main Biotechnological Strategies for Developing Vaccines in Aquaculture*. In: Costin, HN., Magjarević, R., Petroiu, G.G. (eds) *Advances in Digital Health and Medical Bioengineering*. EHB 2023. IFMBE Proceedings, vol 111. Springer, Cham. https://doi.org/10.1007/978-3-031-62523-7_27
3. Dunca Simona Isabela, Oprică Lăcrămioara, Simionov Ira-Adeline, Antache Alina, **Nica Aurelia**, Grigore Marius-Nicuşor, Miron Anca, Costin Diana, Răzvan Magean, Petrea Ștefan-Mihai, 2022, *Antibacterial activity of Ocimum basilicum L. extracts grown in aquaponic conditions against Gram-positive and Gram-negative species*, International Conference on e-Health and Bioengineering (EHB) Proceedings.
4. Petrea Ștefan-Mihai, Antache Alina, Simionov Ira-Adeline, **Nica Aurelia**, Oprică Lăcrămioara, Miron Anca, Răzvan Magean, Rosenberg Sarina, Cristea Dragoș Sebastian, 2022, *The Impact of Growth Media on Production and Volatile Oil Composition of Ocimum Basilicum L. Cultured in Aquaponic Conditions*, International Conference on e-Health and Bioengineering (EHB) Proceedings.
5. Nica Aurelia, Simionov Ira-Adeline, Antache Alina, Cristea Dragoș Sebastian, Petrea Ștefan-Mihai, Cristea Victor, 2022, *Overview of Hormonal Substances Used in Fish Reproduction*, International Conference on e-Health and Bioengineering (EHB) Proceedings.
6. Simionov I.A., Cristea V., Petrea S.M., Mogodan A., **Nica A.**, Strungaru S.A., Ene A., Șarpe D.A., *Heavy Metal Evaluation In The Lower Sector Of Danube River*, Scientific Papers, Series E., Land Reclamation, International Conference on E-Health and Bioengineering, EHB 8th Edition, web conference, Iași, 2020, pp. 1-4, doi: 10.1109/EHB50910.2020.9280161.
7. D.C. Ibănescu, A. Popescu, M. Cristescu, **A Nica**, 2024, *Spatial-temporal distribution of the eurasian otter (Lutra lutra) population Somova Aquatic Complex-Parchez, Romania*, Scientific Papers. Series D. Animal Science. Vol. LXVII, No. 2, 2024 ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN Online 2393-2260; ISSN-L 2285-5750.
8. **Aurelia NICA**, Ștefan-Mihai PETREA, Ira-Adeline SIMIONOV, Alina ANTACHE1, Catalina ITICESCU, Catalin PLATON , Victor CRISTEA, *Sustainable management of water resources*, 2024, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIII, 2024 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.
9. Ștefan-Mihai PETREA, Ira-Adeline SIMIONOV, Alina ANTACHE, **Aurelia NICA**, Madalina CALMUC, Valentina CALMUC, Dragos CRISTEA, Puiu Lucian GEORGESCU, 2024, *Enabling soft sensors for water quality monitoring in multi-trophic aquaculture systems*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIII, Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.
10. **Aurelia NICA**, Ira-Adeline SIMIONOV, Alina ANTACHE, Catalina ITICESCU, Ștefan-Mihai PETREA , Catalin PLATON, Victor CRISTEA, 2024, *Conceptual analysis on disaster resilience in the climate vulnerable community context*,

Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIII, 2024 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.

11. Stefan-Mihai PETREA, Ira-Adeline SIMIONOV, Alina ANTACHE, **Aurelia NICA**, Maxim ARSENI, Adrian ROSU, Dragos CRISTEA, Catalina ITICESCU, 2024, *Analytical framework oriented towards environmental triggers in european great cities*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIII, 2024 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.

12. Alina ANTACHE, Ira-Adeline SIMIONOV, Stefan-Mihai PETREA, **Aurelia NICA**, Catalina ITICESCU, Puiu Lucian GEORGESCU, Catalin PLATON, Alin-Stelian CIOBÎCĂ, 2024, *Reducing the environmental impact by using a sustainable protein source in fish diet - insect meal. A review*. Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XIII, 2024 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.

13. Stefan-Mihai PETREA, Ira-Adeline SIMIONOV, Alina ANTACHE, **Aurelia NICA**, Cristina ANTOHI, Dragos Sebastian CRISTEA, Adrian ROȘU, Valentina CALMUC, Bogdan ROȘU, 2023, *Prediction models for improving waste decision support management in romania in association with v4 member countries*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. XII, 2023 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.

14. Petrea Ștefan-Mihai, Simionov Ira-Adeline, Antache Alina, **Nica Aurelia**, 2022, Arseni Maxim, Rosu Adrian, Cristea Dragoș Sebastian, Neculiță Mihaela, 2022, *Phytoremediation Capacity And Phosphorus Mass Balance In A Basil-Sturgeons Aquaponics Integrated Recirculating System*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering.

15. Simionov Ira-Adeline, Calmuc Madalina, Antache Alina, Calmuc Valentina, Petrea Ștefan-Mihai, **Nica Aurelia**, Cristea Victor, Neculiță Mihaela, 2022, *The Use Of Pectinatella Magnifica As Bioindicator For Heavy Metals Pollution In Danube Delta*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering.

16. **Nica Aurelia**, Petrea Ștefan-Mihai, Simionov Ira-Adeline, Antache Alina, Cristea Victor, 2022, *Ecological Impact Of European Beaver, Castor Fiber*, Scientific Papers. Series D. Animal Science.

17. Antache Alina, Calmuc Valentina, Petrea Ștefan-Mihai, Simionov Ira-Adeline, Calmuc Madalina, **Nica Aurelia**, Cristea Dragoș Sebastian, Neculiță Mihaela, 2022, *The Influence Of Pharmaceutical Residues From Surface Waters On Fish Oxidative Stress: A Review*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering.

18. Ira-Adeline Simionov, Isabelle Metaxa, Alina Mogodan, Stefan-Mihai Petrea, **Aurelia Nica**, Victor Cristea, 2021, *Comparative Study Of Nitrogen Management In Two Different Cyprinid Aquaculture Technologies : Integrated Multi-Trophic Aquaculture Vs. Polyculture*, Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering, Vol. 10, 172-183, (WOS:000718023800026) <http://landreclamationjournal.usamv.ro/pdf/2021/Art26.pdf>

19. Ira-Adeline Simionov, Stefan-Mihai Petrea, Alina Mogodan, Dragos Cristea, **Aurelia Nica**, Mihaela Neculita, 2021, *Assessment Of Global Warming Impact On Aquatic Ecosystems: A State-Of-The-Art Perspective*, Scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering, Vol. 10, pg. 166-171, WOS:000718023800025. <http://landreclamationjournal.usamv.ro/pdf/2021/Art25.pdf>

20. Ștefan-Mihai Petrea, Alina Mogodan, Ira-Adeline Simionov, **Aurelia Nica**, Dragos Sebastian Cristea, Mihaela Neculita, *The Impact of Common Agricultural Policy on E.U. agricultural sector sustainability by using a machine-learning approach*, Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development, Vol. 21, Issue 2, pg. 451-459, 2021, ISSN online 2285-3952 (WOS:000664986400053). http://managementjournal.usamv.ro/pdf/vol.21_2/Art53.pdf

21. **Aurelia Nica**, Mihai-Stefan Petrea, Alina Mogodan, Ira-Adeline Simionov, Victor Cristea, *Induced Spawning And Embryonic Development Of Ornamental Carp (Cyprinus Carpio) Through The Application Of Pituitary Extract*, Scientific Papers. Series D. Animal Science, Vol. 64, Issue 1, pg. 546-551, 2021, ISSN online 2393-2260, (WOS:000686570700076) http://animalsciencejournal.usamv.ro/pdf/2021/issue_1/Art76.pdf

22. Alina Mogodan, Isabelle Metaxa, Stefan-Mihai Petrea, Ira-Adeline Simionov, **Aurelia Nica**, 2021, Victor Cristea, *Evaluation Of Cyprinids Condition Reared In Two Integrated Multi-Trophic Aquaculture (IMTA) Systems Based On A Few Somatic Indices (Vsi, Hsi, Gasi And Rgl)*, Scientific Papers. Series D. Animal Science, Vol. 64, Issue 1, pg. 536-545, ISSN online 2393-2260 (WOS:000686570700075). http://animalsciencejournal.usamv.ro/pdf/2021/issue_1/Art75.pdf

23. Simionov I.A., Mogodan A., Petrea S.M., **Nica A.**, Cristea D., Rosenberg S., Cristea V., *Comparative study between Romania and Visegrad countries, related to agricultural sector performance*, Conference Proceedings of International Business Information Management Conference (36th IBIMA) Granada Spain, 2020, ISBN:978-0-9998551-5-7, Published by IBIMA USA; 8897-8903.

24. Mogodan A., Petrea S.M., Simionov I.A., **Nica A.**, Cristea D., Rosenberg S., Cristea V., *The use of phytobiotics in aquaculture and fish processing industry – An overview*, Conference Proceedings of International Business Information Management Conference (36th IBIMA) Granada Spain, 2020, ISBN:978-0-9998551-5-7, Published by IBIMA USA; 8338-8346.

25. **Nica A.**, Mogodan A., Simionov I.A., Petrea S.M., Rosenberg S., Cristea D., Cristea V., 2020, *Solutions for improving the economic efficiency of Koi carp intensive aquaculture, considering different technological scenarios*, An overview, Conference Proceedings of International Business Information Management Conference (36th IBIMA) Granada Spain, ISBN:978-0-9998551-5-7, Published by IBIMA USA; 8995-9002.

26. Petrea S.M., Cristea D.S., Moga L., Mogodan A., Simionov I.A., **Nica A.**, Rosenberg S., Cristea V., *Data analysis for gaining insights on customers' awareness about quality of the fish and fishery products*, Conference Proceedings of International Business Information Management Conference (36th IBIMA) Granada Spain, 2020, ISBN:978-0-9998551-5-7, Published by IBIMA USA; 8378-8397.

27. Simionov I.A., Petrea S.M., Mogodan A., Nica A., Cristea D.S., Neculiță M., 2020, *Effect Of Changes In The Romanian Lower Sector Danube River Hydrological And Hydrothermal Regime On Fish Diversity*, Scientific Papers, Series E., Land Reclamation, Earth Observations & Surveying, Environmental Engineering, Volume 9, 106-111, (WOS:000574608100016).
28. Petrea S.M., Mogodan A., Simionov I.A., Nica A., Șarpe D. A., Cristea V., The Influence Of Feeding Rate On Growth Performance Of *Acipenser Stellatus* (Pallas, 1771) Reared In Intensive Conditions, Scientific Papers, Series D, Animal Science, Vol. LXIII, No. 1, 534-540, 2020.
29. Petrea S.M., Simionov I.A., Mogodan A., Nica A., Cristea D.S., Neculiță M., 2020, *Effect Of Feeding Rate On Meat Biochemical Composition Of Acipenser Stellatus (Pallas, 1771) Reared In A Recirculating Aquaculture System*, Series D, Animal Science; Vol. LXIII, No. 2, 489-495. (WOS:000594991500074)
30. Mogodan A., Petrea S.M., Simionov I. A., Nica A., Cristea D. S., Neculiță M., *Effect of Rosemary, Sea Buckthorn And Ginger As Feed Additive On Hematological Profile And Some Biochemical Parameters Of Oreochromis Niloticus Species*, Scientific Papers, Series D, Animal Science, Vol. LXIII, No. 1, 223-234, 2020. (WOS:000574608500032).
31. Mogodan A., Simionov I. A., Petrea Ș. M., Nica A., Șarpe D. A., Cristea V., 2020, Synergistic Effect Of Thymus Vulgaris And Vitamin E On Hematological Profile, Some Blood Biochemical Indices And Leukocyte Reaction Of Oreochromis Niloticus Species, Scientific Papers, Series D, Animal Science,. (WOS:000594991500031).
32. Nica A., Petrea Ș. M., Mogodan A., Simionov I. A., Cristea V., 2020, The Effect of Food Type (Natural Vs. Formulated Diet) On Growth Performance And Coloration Of Juvenile Japanese Ornamental Carp (Koi, Cyprinus Carpio L.), Scientific Papers, Series D, Animal Science, . LXIII, No. 1, 528-532,. (WOS:000574608500077).
33. Nica A., Mogodan A., Simionov I. A., Petrea S. M., Cristea V., The Influence of Stocking Density On Growth Performance Of Juvenile Japanese Ornamental Carp (Koi, Cyprinus Carpio L.), Scientific Papers, Series D, Animal Science, Vol. LXIII, No. 2, 483 – 488. , (WOS:000594991500073).
34. 25. NICA, D.C. IBĂNESCU, A. POPESCU, 2019. Some aspects on ornamental Japanese carp rearing in aquariums. SCIENTIFIC PAPERS SERIES D. ANIMAL SCIENCE Volume LXII, No. 2. ISSN-L 2285-5750, ISSN Online: 2393 – 2260 http://animalsciencejournal.usamv.ro/pdf/2019/issue_2/vol2019_2.pdf
35. D. C. IBĂNESCU, A. POPESCU, Aurelia NICA, 2019. *Growth and mortality estimation parameters for the Pike-Perch (Sander Lucioperca Linnaeus, 1758) population in Romanian section of the Danube River*. SCIENTIFIC PAPERS SERIES D. ANIMAL SCIENCE Volume LXII, No. 1.
36. POPESCU, M. CREȚU, D. C. IBĂNESCU, A. NICA, A. DOCAN, 2019. Determination of total organic carbon, total nitrogen, and total phosphorus from soil sediments and macrophytes from Horia Lake- Tulcea. SCIENTIFIC PAPERS SERIES D. ANIMAL SCIENCE Volume LXII, No. 2. http://animalsciencejournal.usamv.ro/pdf/2019/issue_2/vol2019_2.pdf, ISSN-L 2285-5750, ISSN Online: 2393 – 2260

A.1.3. Lucrări indexate ISI Web of Knowledge - în reviste din Arts&Humanities

A.2. Articole indexate BDI

1. CRISTESCU Mihaela , IBĂNESCU Daniela Cristina , **NICA Aurelia** , POPESCU Adina, MARINOV Mihai, 2023, *The western limit of the distribution area for the European Mink (Mustela lutreola) in the Danube Delta Biosphere Reserve* ROSCI0065, Romania, Scientific Annals of the Danube Delta Institute, vol. 28, 2023 © Danube Delta National Institute for Research and Development, Tulcea Romania.
2. Adina Popescu, Daniela Cristina Ibanescu, **Aurelia Nica**, Mihaela Cristescu, *Preliminary results regarding the distribution of herpetofauna of community interest from ROSCI0065*, Current Trends in Natural Sciences, ISSN: 2284-9521, ISSN-L: 2284-9521, <https://doi.org/10.47068/ctns.2022.v11i21.045>.
3. IBĂNESCU Daniela Cristina, CRISTESCU Mihaela, Adina POPESCU, **Aurelia NICA**, *Research on the otter population in the ROOSCI 0065 protected area*, Scientific Annals of the Danube Delta Institute, vol. 27, 2022, pag. 49-54.
4. Adina Popescu, **Aurelia Nica**, Daniela Cristina Ibănescu, [Evaluation of organic pollution by Palmer's algal index of salt lake, Braila county](#), Lucrări Științifice-Universitatea de Științe Agricole și Medicină Veterinară, Seria Zootehnie, Volumul 73, Pagini194-198.
5. DC Ibănescu, **A Nica**, A Popescu, [The structure and dynamics of commercial catches from inland waters of Romania in 2008-2018](#), Lucrări Științifice-Universitatea de Științe Agricole și Medicină Veterinară, Seria Zootehnie Volumul 73 Pagini 189-193.
6. **A. Nica**, E. Corbu, A. Popescu , D. C. Ibanescu, I. Vasilean, 2019. Reproductive and developmental aspects of Japanese ornamental carp. Volumul de Lucrări științifice - Seria Zootehnie, vol 72 (24), ISSN-L 1454 – 7368, Print ISSN 1454 – 7368, Electronic (online), ISSN 2067-2330, p. 178-182.
7. **Nica Aurelia**, Popescu Adina, Vasilean Ion, Ibanescu Daniela-Cristina, Cretu Mirela (2018). Induced breeding, embryonic and larval development of Calico Gold Fish (*Carassius auratus*), the 1st International Conference on Life Sciences Section: Food Chemistry, Engineering & Techonology, Timisoara, ISBN 978-88-85813-24-3 Vol. 1, Pag. 713-719.
8. **Aurelia Nica**, Adina Popescu , Daniela-Cristina Ibanescu (2019). Human influence on the climate system. Current Trends in Natural Sciences, ISSN: 2284-9521 , ISSN-L: 2284-9521, Vol. 8, Issue 15, pp. 209-215. <https://natsci.upit.ro/media/1818/32nica-et-al.pdf>
9. **Aurelia Nica**, I. Vasilean, Adina Popescu, Daniela Cristina Ibanescu, 2018. A comparison of artificial and natural foods and their combinations in the rearing of goldfish, (*Carassius auratus L.*). Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie, vol. 69, pag 157-160, Print ISSN 1454 – 7368, Electronic (online) ISSN 2067-2330
10. Adina Popescu, Daniela Cristina Ibănescu, **Aurelia Nica**, 2018. Aspects of the structure and biodiversity of the

- macronevertebrates in the Romanian sector of the Danube River. Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie, vol. 69, pag 157-160, Print ISSN 1454 – 7368, Electronic (online) ISSN 2067-2330 .
11. Daniela Cristina Ibănescu, Adina Popescu , **Aurelia Nica**, 2017. Assessment of water quality in the Danube river (Călărași Brăila section, km 375 - km 175), Current Trends in Natural Sciences, Vol. 6, Issue 11, pp. 202-208, ISSN: 2284-953X, ISSN-L: 2284-9521.
 12. **Aurelia Nica**, Adina Popescu, Daniela Cristina Ibănescu, 2017. A current problem: mercury pollution, Current Trends in Natural Sciences, 6(12), 165-169, <http://natsci.upit.ro/media/1602/paper-25.pdf>, [indexata](#) in urmatoarele BDI: SCIOPIO, Index Copernicus Journal Master List, DOAJ, CAB Abstracts
 13. **Aurelia Nica**, I. Vasilean, Adina Popescu, Daniela Cristina Ibanescu, 2016. Effects of vitamin C supplementation on growth performance of goldfish (*Carassius auratus*), Volumul de Lucrări științifice - Seria Zootehnie, ISSN-L 1454 – 7368, Print ISSN 1454 – 7368, pag. 170-173.
 14. Adina Popescu, Daniela Ibanescu, **Aurelia Nica**, 2016. The spatial distribution of macrophytes on the Danube Galati - Vilcovo sector”, Volumul de Lucrări științifice - Seria Zootehnie, ISSN-L 1454 – 7368, Print ISSN 1454 – 7368, pag. 166-169
 15. Ibănescu D.C, Popescu A., **Nica A.**, 2016. Estimation of growth and mortality parameters of the pontic shad (*Alosa immaculata*, bennett, 1835) in Romanian section of the Danube River, University of Agricultural Sciences and Veterinary Medicine „Ion Ionescu de la Brad” Iasi. Faculty of Animal Sciences, Lucrări Științifice-Seria Zootehnie, 2016, vol. 67 (22), p.285-289, Electronic (online) CE-ROM ISSN 2284-6964.
 16. **Aurelia Nica**, Ion Vasilean, Adina Popescu, 2015. Observation on the growth performance of goldfish (*Carassius auratus*) reared in aquariums with different levels of vitamin C, Lucrări Științifice - Seria Zootehnie, pag. 295- 298
 17. Adina Popescu, Daniela Ibanescu, Ion Vasilean, **Aurelia Nica**, 2015. Preliminary aspects concerning macroinvertebrates qualitative structure in the Danube River, Lucrări Științifice - Seria Zootehnie, pag. 316- 319
 18. **Nica A.**, Vasilean I., Florea L., 2014. Assessment study about effect of vitamin E on growth of japanese ornamental carp. Lucrări Științifice - Seria Zootehnie, vol. 62 (19), pag. 195-197, Electronic (online) ISSN 2067-2330. http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_62/Aurelia_Nica.pdf
 19. **Nica A.**, Dediu L., 2014. Aspects regarding the ornamental japanese carp rearing into recirculating system conditions. Bulletin UASVM Animal Science and Biotechnologies 71 (2) /, Print ISSN 1843-5262, Electronic ISSN : 1843-536X. <http://journals.usamvcluj.ro/index.php/zootehnie/article/view/10420/8728>
 20. Hoha G.V., Costăchescu E., **Nica A.**, Bănățean Dunea I., Păsărin B., 2013. The influence of microclimates conditions on production performance in pigs. Lucrări Științifice - Seria Zootehnie, vol. 59 (18), pag. 165-169, Electronic (online) ISSN 2067-2330. http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_59/G_Hoha.pdf
 21. **Nica A.**, 2013. The current problem:Koi herpesvirus (KHV). Lucrări Științifice - Seria Zootehnie, vol. 58 (17), pag. 116-120, Electronic (online) ISSN 2067-2330. http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_59/Aurelia_Nica.pdf
 22. Gheorghe (Ibănescu) D. C., **Nica A.**, Cristea V., Răzlog G.P., 2012. Growth and mortality estimation parameters for the Prusian Carp (*Carassius gibelio*, Bloch, 1782) population from Danube River (Km 170 - 196). Lucrări Științifice - Seria Zootehnie, vol. 57 (17), pag. 164-169, Electronic (online) ISSN 2067-2330. http://www.uaiasi.ro/revista_zoo/index.php?lang=ro&pagina=vol57.html
 23. Docan A., Cristea V., Dediu L., **Nica A.**, 2012. Control of *Aeromonas Salmonicida* infection in rainbow trout (*Oncorhynchus Mykiss*) reared in recirculating aquaculture system, Lucrări Științifice - Seria Zootehnie, vol. 57 (17), pag. 159-163, Electronic (online) ISSN 2067-2330, http://www.uaiasi.ro/revista_zoo/index.php?lang=ro&pagina=vol57.html
 24. **Nica A.**, Cristea V., Gheorghe D., Hoha G.V., 2012. Embryonic and larval development of Japanese Ornamental Carp *Cyprinus Carpio* (Linnaeus, 1758). Lucrări Științifice - Seria Zootehnie, vol. 58 (17), pag. 116-120, Electronic (online) ISSN 2067-2330. http://www.uaiasi.ro/revista_zoo/index.php?lang=ro&pagina=vol58.html
 25. Sion C., Călin P., Oprea L., **Nica A.**, Băcanu G., 2011. The influence of pellets quality on the growth of sterlet, in recirculating aquaculture system. AACL Bioflux 4(2):130-136. <http://www.bioflux.com.ro/docs/2011.4.130-136.pdf?AdobeSystemsPDFv17=dfdafd2965e44c7eb85ca4db197d4fc88d7e6a3d|1319533458#PDFP>
 26. Ștefan G., Cristea V., Mihalache A., Grecu I., Vasilean I., Sfetcu L., Gheorghe D., Docan A., 2008. Researches regarding the technological performances of carp rearing during winter period in the conditions of a recirculating aquaculture system. Lucrările științifice Zootehnie și Biotehnologii Timișoara, vol. 41 (2): 41-45.
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 29. **Mihalache A.**, Oprea L., Cristea V., 2005. The influence of temperature on ornamental Japanese carp breeding in aquariums. Sesiunea anuală de comunicări științifice “Realizări și perspective europene în creșterea animalelor”, vol. 48, seria Zootehnie, ISSN 1454-7368, p. 638 – 644.
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A.2.1. Articole în reviste din străinătate indexate BDI

A.2.2. Articole în reviste categoria B+ (CNCSIS)

A.6.3. Articole în alte reviste de specialitate din România

1. Metaxa Isabelle, **Nica Aurelia**, Simionov Ira-Adeline, Antache Alina, Petrea Stefan-Mihai, martie - aprilie 2025, *Calitatea peștelui de cultură după recoltare pentru industria cărnii*, Revista „Industria carnii”, www.industriacarnii.ro
2. Metaxa Isabelle, **Nica Aurelia**, Simionov Ira-Adeline, Antache Alina, Petrea Stefan-Mihai, noiembrie-decembrie 2024, *Proteinele din pește - sursă de peptide antioxidante cu activitate anticancerigenă promițătoare*, Revista „Industria carnii”, www.industriacarnii.ro

E. CITĂRI ÎN LITERATURA DE SPECIALITATE

Numar citari in web of science: 27

Numar citari Scopus: 7

Numar citari Google Scholar: 39

F. PROIECTE/GRANTURI/CONTRACTE DE CERCETARE ȘTIINȚIFICĂ OBTINUTE PRIN COMPETIȚIE

Membri în echipa următoarelor proiecte:

1. Proiect CEEEX 352/2004 : „Tehnologie de valorificare complexă a bioresurselor acvatice prin policultura interspecifică a speciilor de sturioni endemici și aclimatizați” – Perioada: 2004-2006
 2. Proiect RELANSIN 1974/2004: „Tehnologie de creștere superintensivă a hibrizilor și speciilor parentale de sturioni” – Perioada: 2004-2006
 3. Proiect AGRAL NR. 50/2006: ”Parteneriat științific pentru dezvoltarea unui sistem recirculant pilot în scopul promovării și implementării unor tehnologii inovative de acvacultura superintensivă” –SRAS. Perioada: 2006-2008
 4. Proiect AGRAL NR. 46/2006 ”Sistem integrat de creștere intensivă a peștilor de cultură autohtoni” - SIPA. Perioada: 2006-2008
 5. Proiect BIOTECH NR. 120/2006: ”Conservarea și utilizarea durabilă a sturionilor din Dunărea inferioară” – STURDUN . Perioada: 2006-2008
 6. Proiect AGRAL NR. 45/2006: ”Procedeu complex pentru conservarea durabilă a bioresurselor acvatice în unități sistematice în sectorul piscicol.” – BIOCONSERVISIS. Perioada: 2006-2008
 7. Proiect BIOTECH NR. 121/2006: „Sistem și tehnologie de creștere a speciei *Silurus glanis*-SITSOM. Perioada: 2006-2008
 8. Proiect BIOTECH NR. 149 /2006:„Optimizarea și implementarea în acvacultura din România a unor tehnologii intensive de creștere a speciilor de pești cu importanță economică” – INTEHACVA. Perioada: 2006-2008
 9. Proiect AGRAL nr. 7/2005: ”Parteneriat științific și tehnologic pentru promovarea managementului durabil al pescăriilor marine românești bazat pe abordarea sistemică” . Perioada: 2006-2008.
 10. Proiect CNCSIS 530/2006: „ Bioremedierea efluenților sistemelor recirculante din acvacultura superintensivă” . Perioada: 2006-2007
 11. Contract de prestări servicii – ANPA nr 9014/ 18.XII.2006 „Studii de evaluare a stocurilor de resurse acvatice vii în vederea stabilirii capturii totale admisibile (TAC) pe specii și zone (Marea Neagră, Delta Dunării, fluviul Dunărea, lacuri de acumulare)”, . Perioada: 2006-2008
 12. Contract finanțare ANPA nr. 99 / 30.VI.2006 – „Program de evaluare a resurselor acvatice vii din bazinele piscicole naturale ale României. Perioada: 2006-2008
 13. Proiect CNCSIS „Controlul și managementul nutrienților din efluenții fermelor piscicole din bazinul hidrografic al Prutului inferior și al Siretului inferior”. Perioada: 2006-2008
 14. Grant PN II ”Crearea și optimizarea unei tehnologii de creștere intensivă a șalăului în sisteme cu apă recirculantă” -SANDERTECH 51-096/2007 (UDJ Partener) . Perioada: 2007- 2010
- Grant PN II ”Asigurarea biosecurității sistemelor recirculante de acvacultura intensivă prin utilizarea probioticelor”, PROBIOACVA 62-093/2008 (UDJ Coordonator). Perioada: 2008–2011.

15. Grant PN II "Elaborarea si implementarea unor tehnologii intensive de crestere a speciei *Oreochromis niloticus* – (tilapia) in vederea introducerii ei in acvacultura din Romania", TEHTIL 52-170/2008 (UDJ Partener). Perioada: 2008–2011
16. Grant PN II "Optimizarea proceselor tehnologice din acvacultura prin introducerea sistemelor si metodelor de hranire automatizate si de monitorizarea calitatii apei, in vederea incadrarii in cerintele UE privind calitatea mediului si a produselor din acvacultura" - UPGRADEACVA 52-171/2008 (UDJ Partener) . Perioada: 2008–2011
17. Grant PN II "Cercetări privind metode de estimare a biomasei piscicole în arealele piscicole amenajate", MASPEST 52-176/2008 (UDJ Partener). Perioada: 2008–2011
18. Proiect 51PTE din 21/09/2020 (PN-III-P2-2.1-PTE-2019-0697) Optimizarea Tehnologiilor de Creștere a Biomasei Piscicole si Vegetale in Cadrul Sistemelor Multi-Trofice de Acvacultura Intensiva prin Utilizarea Tehnicilor Inteligente de Recunoaștere Vizuala si IoT [MULTIAQUAIOT]
19. Proiectul „Revizuirea planului de management și a regulamentului RBDD”, contract nr.253/2019, POIM/178/4.1/123322, 2019-2022, expert amfibieni & reptile, expert mamifere.

Data: 28.05.2025

Semnătura:
S.L. dr. ing. Aurelia Nica