

LISTA COMPLETĂ A LUCRĂRILOR PUBLICATE

1. Danceanu-Zara, C.-M.; **Petrovici, A.**; Labusca, L.; Minuti, A.E.; Stavila, C.; Plamadeala, P.; Tiron, C.E.; Aniță, D.; Aniță, A.; Lupu, N. *Collection, Establishment and Assessment of Complex Human Osteocartilaginous Explants for Modeling Osteoarthritis*. *Biomedicines* 2024, 12, 2406. <https://doi.org/10.3390/biomedicines12102406> (cotație ISI, IF- 3.9, Q2).
2. Stavilă, C., Herea, D. D., Zară, M. C., Stoian, G., Minuti, A. E., Labușcă, L., Grigoraș, M., Chiriac, H., Lupu, N., **Petrovici, A.**, Aniță, A., & Aniță, D. *Enhancement of chemotherapy effects by non-lethal magneto-mechanical actuation of gold-coated magnetic nanoparticles*. *Nanomedicine: Nanotechnology, Biology and Medicine*, 2024, 60, 102766. <https://doi.org/10.1016/j.nano.2024.102766> (cotație ISI, IF- 4. 2, Q2).
3. Chele, G.-E.; **Petrovici, A.**; Lefter, R.; Dobrin, I.; Robea, M.-A.; Nicoara, M.; Ciobica, A.; Novac, B. *Preliminary findings on the effect of vitamin b6 on zebrafish social behavior*, *The Medical-Surgical Journal*, 2024, 128 (1), 104-116 (cotație ISI – 1. 4, Q4).
4. Solcan C., Șlencu B. G., Trincă L. C., Motrescu I., **Petrovici A.**, Solcan G., *Testicular injuries due to subacute combined exposure to cadmium and lead in rats*, *Farmacia*, 2019, vol. 40 (4): 690-703, <https://doi.org/10.31925/farmacia.2022.4.15> (cotație ISI – 0. 1, Q4).
5. Robea, M.A.; **Petrovici, A.**; Ureche, D.; Nicoara, M.; Ciobica, A.S. *Histopathological and Behavioral Impairments in Zebrafish (Danio rerio) Chronically Exposed to a Cocktail of Fipronil and Pyriproxyfen*. *Life* 2023, 13, 1874 (cotație ISI, IF- 3. 253, Q1).
6. Ilie, O.-D.; Duta, R.; Balmus, I.-M.; Savuca, A.; **Petrovici, A.**; Nita, I.-B.; Antoci, L.-M.; Jijie, R.; Mihai, C.-T.; Ciobica, A.; et al. *Assessing the Neurotoxicity of a Sub-Optimal Dose of Rotenone in Zebrafish (Danio rerio) and the Possible Neuroactive Potential of Valproic Acid, Combination of Levodopa and Carbidopa, and Lactic Acid Bacteria Strains*. *Antioxidants*, 2022, 11, 2040. <https://doi.org/10.3390/antiox11102040> (cotație ISI, IF- 6. 0, Q1).
7. **Petrovici A.**, Strungaru S. A., Nicoara M., Robea M. A., Solcan C., Faggio C., *Toxicity of deltamethrin to Zebrafish gonads revealed by cellular biomarkers*, *Journal of Marine Science and Engineering*, 2020, 8, 73 (cotație ISI, IF- 2. 332, Q1).
8. **Petrovici A.**, Solcan C., *Histological structure of the central nervous system in adult zebrafish (Danio rerio)*, *Proceedings of the International Scientific Congress on Life Sciences, A Challenge for the Future*, 2019, Page 438-444 (ISI proceeding).
9. Proca A. C., **Petrovici A.**, Solcan C., *Reactivity of mucosa-associated lymphoid tissue (MALT) in pigs that received in food black grapes seed and skin powder*, *Scientific papers. Veterinary medicine series journal*, 2020, vol. 62 (3): 277-285. USAMV Iasi.



10. Solcan C., **Petrovici A.**, *Morphofunctional features of the kidney in zebrafish (Danio rerio)*, Proceedings of the International Scientific Congress on Life Sciences, A Challenge for the Future, 2019, Page 445-449 (**ISI proceeding**).
11. **Petrovici A.**, Solcan C., *A simple brain atlas of the adult zebrafish (Danio rerio)*, Scientific papers. Veterinary medicine series journal, 2020, vol. 63 (3): 287-297. USAMV Iasi.
12. **Petrovici A.**, Solcan C., *Neurotrophins and their receptors distribution in the central nervous system of the adult zebrafish (Danio rerio)- A review*, Scientific papers. Veterinary medicine series journal, 2019, vol. 62 (4): 432-441. USAMV Iasi.
13. Strungaru S., Plăvan G., Ciobică A., Nicoară M., Robea M., Solcan C., **Petrovici A.**, *Toxicity and chronic effects of deltamethrin exposure on zebrafish (Danio rerio) as a reference model for freshwater fish community*, Ecotoxicology and Environmental Safety, Volume 171, 30 April 2019, Pages 854-862 (**cotație ISI IF 4. 527, Q1**).
14. **Petrovici A.**, Leggieri A., Castaldo L., Maruccio L., Solcan C., Lucini C., *Expression of TRKA receptor in adult zebrafish brain*, Atti del 73 convegno SISVET, 2019, pp. 77-77, ISBN 978-8890909221.
15. Strungaru S., Plăvan G., Ciobică A., Nicoară M., Robea M., Solcan C., Todirascu E., **Petrovici A.**, *Acute exposure to gold induces fast changes in social behavior and oxidative stress of zebrafish (Danio rerio)*, Journal of Trace Elements in Medicine and Biology, Volume 50, December 2018, Pages 249-256, (**cotație ISI IF 2. 895, Q2**).
16. Robea M., Strungaru S., Solcan C., Nicoară M., Plăvan G., **Petrovici A.**, *Chronic exposure to insecticide deltamethrin affects the aggressive behaviour of zebrafish (Danio rerio)*, Deltas and Wetlands, Tulcea, 2018-poster
17. **Petrovici A.**, Popovici I., Solcan C., *Histological structure of the ovary in adult Zebrafish*, Scientific papers. Veterinary medicine series journal, vol. 60, USAMV Iasi, 2017, pag. 499-504, ISSN–L 1454–7406.
18. **Petrovici A.**, Popovici I., Solcan C., *Histological structure of the testis in adult Zebrafish (Danio rerio)*, Scientific papers. Veterinary medicine series journal, vol. 60, USAMV Iasi, 2017, pag. 505-510, ISSN–L 1454–7406.
19. Popovici I., **Petrovici A.**, Solcan C., *Degenerative aspects observed in seminiferous tubules in quails (Coturnix japonica) testis after monosodium glutamate administration in feed*, Scientific papers. Veterinary medicine series journal, vol. 61, USAMV Iasi, 2018, pag.254-259, ISSN–L 1454–7406.
20. Solcan C., **Petrovici A.**, Popovici I., *The neurotoxic effect of deoxynivalenol in chronic intoxication of chickens*, Scientific papers. Veterinary medicine series journal, vol. 60, USAMV Iasi, 2017, pag. 493-498, ISSN–L 1454–7406.
21. Popovici I., **Petrovici A.**, Solcan C., *Histological aspects of thymus in japanese quail (Coturnix coturnix) from one to 180 days of age*, Scientific papers. Veterinary medicine series



journal, vol. 61, USAMV Iasi, 2017, Scientific papers. Veterinary medicine series journal, vol. 60, USAMV Iasi, 2017, pag. 511-516, ISSN-L 1454-7406.

A handwritten signature in blue ink, located in the bottom right corner of the page. The signature is stylized and appears to be a name, possibly "D. R. S.", written in a cursive or semi-cursive style.