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Gradul didactic: CONFERENTIAR

Instituția unde este titular: Universitatea Națională de Știință și Tehnologie POLITEHNICA București, Centrul Universitar Pitești

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Departamentul de Științe ale Naturii

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Intoxicatii experimentale la Rana ridibunda: efectul asupra ficatului si a altor organe reactive, Universitatea din Bucuresti, Facultatea de Biologie Distinctia "Cum laudae", Biologie, 2011

B. Cărți si capitole în cărți publicate în ultimii 10 ani

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2. **Păunescu A**, Ponopal MC, Man GM, Hontaru S, Diaconescu D, Popescu M, *Biologie - Teste pentru examenul de admitere la specializarea Asistenta Medicala Generala*, Editura Universitatii din Pitesti ISBN 978-606-560-547-3 pp. 121, 2017, (TC_4_2017_DSN)
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5. Soare L.C., **Păunescu A.**, Ponopal M.C, *The Morphophysiological, Histological, and Biochemical Response of Some Nontarget Organisms to the Stress Induced by the Pesticides in the Environment*, In Marcelo Larramendy, Sonia Soloneski (Eds.), *Pesticides Use and Misuse and Teir Impact in the Environment*, IntechOpen, <http://dx.doi.org/10.5772 /intechopen.78909>, First published in London, United Kingdom, 2019 by IntechOpen, 2019 (TC_11_2019_DSN)
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7. Soare LC, **Păunescu A**, Dobrescu CM, Neblea MA, Dorobăț LM. *Ferns – a valuable plant resource in modern research*, In *Development of plant extracts and innovative phytosynthesized nanostructures mixtures with phytotherapeutic applications, in order to reduce biocenotic stress in horticultural crops*, Ruse Press, 2021 (TC_4_2021_DSN)
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16. Fierăscu RC, Fierăscu IC, Dinu Pirvu CE, Fierăscu I, **Păunescu A.**, *The application of essential oils as a next-generation of "green" pesticides: recent developments and future perspectives*, Zeitschrift für Naturforschung C. A Journal of Biosciences 75(7-8): 183-204. DOI: <https://doi.org/10.1515/znc-2019-0160>, 2020, (TC_3_2020_DSN)
17. **Păunescu A.**, Ponopal C.M., Pleșa C.F., Nemeș R.M., Nicolae C., Bisoc A., Diaconu M., Fierăscu I., Fierăscu R.C., Țanțu M.M., Zagardan M.C., Soare L.C., 2020. Evaluation of histophysiological alterations associated with ketoprofen administration in Albino NMRI mice, *Naunyn-Schmiedeberg's Archives of Pharmacology*, Volume 393(6):1033-1039, **FI=3**, ISSN 0028-1298, eISSN 1432-1912, WOS:000533081300010, <https://doi.org/10.1007/s00210-019-01806-z>, (TC_1_2020_DSN)
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19. **Păunescu A.**, Ponopal M.C., Tofan L., Brînzea G., Tantu M.M., Mihăescu C.F., Drăghiceanu O.A., Popoviciu D.R., Făgăraș M.M., Vasile D., Soare L.C., 2022. Ecotoxicological Risk Assessment of ACTELLIC 50 EC Insecticide on Non-target Organisms in Parallel with the Application of Standardized Tests. *Toxics* 2022, 10, 745, **FI=4.6**, WOS:0009031619000, PubMed ID 36548578, eISSN 2305-6304 <https://doi.org/10.3390/toxics10120745>, (TC_2_2022_DSN)
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21. Ponopal C.M., Soare, L.C.*, Draghiceanu O.-A., Mihaescu C.F., Sutan N.A., Tântu M.M., **Păunescu A.**, *Evaluation of the Morphological, Physiological and Biochemical Effects Induced by Coragen 20 SC in Some Non-Target Species*, *Toxics* 2023, 11, 618, **FI=4.6**, <https://doi.org/10.3390/toxics11070618>, 2023 (TC_15_2023_DSN), (TC_15_2023_DSN)
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24. Șuțan N.A., **Păunescu A.**, Topala C., Dobrescu C., Ponopal M.C., Stegăruș D.I.P., Soare L.C., Tamaian R. Aconitine in Synergistic, Additive and Antagonistic Approaches. *Toxins*. 2024; 16(11):460. <https://doi.org/10.3390/toxins16110460>, (TC_3_2024_DSN)

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 46. Ponopal MC, Brînzea G, **Păunescu A**, *Evaluation of histophysiological alterations in respiratory process associate with FIPRONIL administration in european chub*, Studii si Cercetari - Universitatea "Vasile Alecsandri" din Bacau 31/2: 29-39, 2022, (TC_7_2022_DSN)
 47. Luțu, O.A., Soare, L.C., Fierăscu, I., Fierăscu, R.-C., Dobrescu, C.M., **Păunescu, A.**, Ponopal, C.M., Topală, C.M., Vijan, L.E., Deliu, I., Negrea, D., Vilcoci, D.Ș., Cîrstea, G., Aldea, F., Honțaru, S.O., & Șuțan, N.A. Phytotoxicity, cytogenotoxicity and antimicrobial potential of extracts with gold-silver bimetallic nanoparticles obtained from pteridophyte spores. Caryologia 77(1): 65-82. doi: 10.36253/caryologia-2424, 2024, (TC_2_2024_DSN)

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

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Data:

Semnătura: