

Lista de lucrări Bordea Daniela

I. Lista de lucrări care corespund îndeplinirii standardelor minimale

A. Lucrări cotate ISI, prim-autor.

1. **Bordea, D.**; Nistor, A.L.; Salanță, L.C.; Coldea, T.E.; Rotar, A.M.; Grigor, O.M.; Vârban, R.; Gal, E.; Pop, C.R. Chemical Composition and Synergistic Antimicrobial Activity of *Hypericum perforatum* and *Achillea millefolium* Essential Oils Against Wound-Associated Microorganisms. *Molecules* **2026**, *31*, 1594. <https://doi.org/10.3390/molecules31101594>, WOS:001775008600001

B. Lucrări indextate BDI, co-autor

1. Moldovan B., **Bordea D.**, 2025 Molecular architecture of life in non-terrestrial environments: Between physicochemical constraints and nature's ingenious design. *ELBA Bioflux* 17(1):1-3. <https://elba.bioflux.com.ro/home/volume-17-1-2025/>
2. Dan Andreea, Cristian Mălinaș, Antonia Cristina Maria Odagiu, **Daniela Bordea**, Ioan Brașovean, Cristian Iederan, 2025, Risk Assessment in the Food Supplements Production Sector, *ProEnvironment* 18(63), 233 – 238. <https://journals.usamvcluj.ro/index.php/promediu/article/view/15327>
3. Mureșan Carmen, Ioan Brașovean, Antonia Odagiu*, Bianca Bordeanu, Cristian Iederan, **Daniela Bordea**, 2024, Risk Assessment in the Industry of Plastic Waste Recycling. Note I: Environmental, Health and Safety Risks, *ProEnvironment* 17, 59, p. 139 – 143. <https://journals.usamvcluj.ro/index.php/promediu/article/view/15055>
4. Mureșan Carmen, Ioan Brașovean, Antonia Odagiu*, Bianca Bordeanu, **Daniela Bordea**, Cristian Iederan, 2024, Risk Assessment in the Industry of Plastic Waste Recycling. Note II: Technological and Economic Risks, *ProEnvironment* 17, 59, 220 – 225. <https://journals.usamvcluj.ro/index.php/promediu/article/view/15068>

II. Lucrări cotate ISI, co-autor.

1. Oroian, I., Bulete, B. I., Matei, E., Odagiu, A. C. M., Burduhos, P., Oroian, C., Ștefan, O. D., & **Bordea, D.** (2025). Assessment of Heavy Metal Contamination, Bioaccumulation, and Nutritional Quality in Fish from the Babina–Cernovca Romanian Sector of the Danube River. *Foods*, *14*(19), 3419. <https://doi.org/10.3390/foods14193419>, WOS:001593835100001
2. Covaciu, D.C.; Balint, A.C.; Neamțu, C.V.; Moșneag, S.C.; **Bordea, D.**; Dîrjan, S.; Odagiu, A.C.M. Assessment of Groundwater Quality in Relation to Organic versus Mineral Fertilization. *Water* **2023**, *15*, 2895. <https://doi.org/10.3390/w15162895>, WOS:001056823900001

III. Lucrări de lucrări indexate BDI prim-autor

1. **Daniela Bordea**, Ioan V. Petrescu-Mag, 2023, Plant-based meat replacement products: an overview, AAB Bioflux, 15 (2), 127-130
2. **Daniela Bordea**, Maria Popescu, 2023, The impact of climate change on plant physiology and adaptation mechanisms, AAB Bioflux, 15(2), 135-139.
3. **Daniela Bordea**, Tudor Păpuc, Cristian Coroian, Claudia Balint, Camelia Oroian, Florin D. Bora, Maria Popescu, Valentin Petrescu-Mag, 2024, What does it mean to be alive? A review on the concept of the living in the context of existence, ELBA Bioflux, Volume 16,1.
4. **Daniela Bordea**, I.Gh.Oroian, Rodica Pop, Antonia Odagiu, Adrian Milășan, 2013, The Action of Ethanolic Solutions Obtained from Selenium Enriched Garlic against *Erwinia cartovora*, Bulletin UASVM, Series Agriculture, no. 70(2), 423 – 424
5. **Daniela Bordea**, I.Gh.Oroian, Rodica Pop, Antonia Odagiu, Adrian Milășan, 2013, Comparative Performances of Aqueous Extracts of Garlic and Selenium Enriched Garlic against *Erwinia cartovora*, Bulletin UASVM, Series Agriculture, no. 70(2), 423 – 424
6. **Daniela Bordea**, I.Gh.Oroian, Antonia Odagiu, Adrian Milășan, 2013, Study on the Action of the Aliin from the Garlic (*Allium sativum* L.) against Plant Pathogens, Bulletin UASVM, Series Agriculture, no. 70(2), 334 – 337

IV. Lucrări indexate BDI, co-autor

7. Petru Burduhos, Claudia Balint, **Daniela Bordea**, Maria Popescu, 2025, Systematics, paleoecology, and evolutionary significance of *Hippopotamodon antiquus* within the Late Miocene Suidae Porcine Research, 15, 115(1):65-69.
8. Boțan Claudiu, **Daniela Bordea**, Ioan Brașovean, Cristian Iederan, Antonia Cristina Maria Odagiu, 2025, Applying Circular Economy Principles in the Potato Processing Industry. Note I. Valorisation of Potato Processing Waste as Animal Feed and Organic Fertilizers, ProEnvironment 18(64), 274 – 278
9. Vlaicu Gabriela Maria, Ana Claudia Balint, Ioan Brașovean, **Daniela Bordea**, Antonia Cristina Maria Odagiu, 2025, Monitoring of Indoor Pollution whit PM10 And PM2.5 in Educational Spaces ProEnvironment 18(64), 261 – 267.
10. Gavrioloaie C., Maxim A., **Bordea D.**, Moldovan B., Popescu M., Brasovean I., 2025 Clonal-sexual contrasts in livebearing fishes: evolutionary, ecological and behavioral insights from Poecilia and Poeciliopsis complexes, Poec Res 15(1):29-35.
11. Gavrioloaie C., Maxim A., Bordea D., **Moldovan B.**, Popescu M., Brasovean I., 2025 Pigments and pigment cells underlying coloration in the guppy Poecilia reticulata Peters, 1859. Poec Res 15(1):36-41
12. Gal Demeter, Antonia Odagiu*, Tania Mihăiescu, Claudia Balint, **Daniela Bordea**, Cristian Iederan, Diana Covaciu, 2024, Monitoring Olt River Water Quality in Upstream and Downstream Miercurea Ciuc Town. Note II:The Interactions between the Monitored Physico-Chemical Indicators, ProEnvironment 17, 60, pp. 215 – 219.

13. Mureșan Carmen, Ioan Brașovean, Antonia Odagiu*, Bianca Bordeanu, **Daniela Bordea**, Cristian Iederan, 2024, Risk Assessment in the Industry of Plastic Waste Recycling. Note II: Technological and Economic Risks, ProEnvironment 17, 59, 220 – 225.
14. Gal Demeter, Antonia Odagiu*, Tania Mihăiescu, Claudia Balint, **Daniela Bordea**, Cristian Iederan, Diana Covaciu, 2024, Monitoring Olt River Water Quality in Upstream and Downstream Miercurea Ciuc Town. Note I: The Evolution of the Physico-Chemical Indicators, ProEnvironment 17, 59, 132- 138
15. Covaciu Diana Cătălina, Silvia Claudia Moșneag, Antonia Odagiu*, Tania Mihăiescu, Călin Safirescu, **Daniela Bordea**, Sorina Dărjan, 2024, Indices of Water Quality in Dangău Mare Commune, Cluj County, ProEnvironment 17, 60, pp. 254 – 259.
16. Covaciu Diana Cătălina, Silvia Claudia Moșneag, Antonia Odagiu*, Tania Mihăiescu, Călin Safirescu, **Daniela Bordea**, Sorina Dărjan, 2024, Water Quality Parameters in Rural Areas of Romania. A Case Study: Căpușu Mare Commune, Cluj County, ProEnvironment 17, 59 pp.169 – 175
17. Claudia Balint, Tudor Păpuc, Cristian Coroian, **Daniela Bordea**, Camelia Oroian, Florin D. Bora, Maria Popescu, Valentin Petrescu-Mag, 2024, Molecular data in suid systematics and phylogeny: Utility and limitations, Porcine Research, 14 (1), 56-61.
18. Oroian Camelia, Csaba Pál Racz*, Levente Zolt Racz, Antonia Odagiu, Cristian Mălinaș, **Daniela Bordea**, Cristian Iederan, Ioan Brașovean, 2023, The Study of a Nutraceutical Prototype Based on Celery. Note 2: The Interaction between the Nutritional Constituents, Proenvironment 16(53), 27 – 30.
19. Odagiu Antonia, Csaba Pál Racz, Levente Zolt Racz, Petru Burduhos, **Daniela Bordea**, Cristian Iederan, Ioan Brașovean, 2023, Testing the Nutritional and Active Compound Content of a Nutraceutic Based on Berries Product. A case study: Prototipe Based on a Mixture Bilberry/Lingonberry Matrix Enriched in Resveratrol. Note 2: the Macro-Microelements and Vitamin C Composition, ProEnvironment 16, 53, 18 - 22
20. Teodor Rusu, Csaba Pál Racz, Levente Zolt Racz, Camelia Oroian, Antonia Odagiu, **Daniela Bordea**, Cristian Iederan, Cristian Mălinaș, 2023, The Study of a Nutraceutical Prototype Based on Celery. Note 1: The Nutritional Content, ProEnvironment 16/53, 23 – 26.
21. Tripon (Burduhos) Maria Daniela, Antonia Odagiu*, Claudia Balint, **Daniela Bordea**, Ioan Brașovean, 2022, Total Polyphenols Estimation from Berries, ProEnvironment 15(52), 456 - 459
22. Cătuna (Petrar) Tatiana, Antonia Odagiu*, Claudia Balint, Cristian Mălinaș, **Daniela Bordea**, Sorina Dărjan, 2022, Testing the Anti-Fungal Effect of Aqueous Extract of *Allium cepa* L. in Potato ProEnvironment 15(52): 460 – 463.
23. Odagiu Antonia, Camelia Oroian, Csaba Pál Racz, Claudia Balint, Cristian Mălinaș, Petru Burduhos, Cristian Iederan, **Daniela Bordea**, 2022, Testing the Influence of Climatic Conditions on Nutritional Content of some Wild Berries Species from Mărișel Area, Romania, ProEnvironment 15(52): 425 – 43.
24. Odagiu Antonia, Csaba Pál Racz, Camelia Oroian, Claudia Balint, Cristian Mălinaș, Petru Burduhos, Cristian Iederan, **Daniela Bordea**, 2022, Study Concerning the Nutritional Content of some Wild Berries Species from Mărișel Area, Romania, ProEnvironment 15(49): 66 – 72.

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26. Burduhos (Tripon) Daniela, Antonia Odagiu, Claudia Balint, Sorina Dârjan, **Daniela Bordea**, Radu Mihăiescu, 2022, Quantitative Estimation of Nutrients from Berries *ProEnvironment*, 14(48), 91-94.
27. Cătuna (Petrar) Tatiana, Antonia Odagiu, Claudia Balint, Sorina Dârjan, **Daniela Bordea**, Radu Mihăiescu, 2022, Testing the Anti-Alternariosis Effect of Aqueous Extract of *Allium cepa* L. in Potato, *ProEnvironment*, 14(48), 87-90.
28. I. Valentin Petrescu-Mag, Florin D. Bora, Maria Popescu, Daniela Bordea, Tudor Păpuc, Camelia Oroian, Aurel Maxim Mechanisms and milestones in the evolution of flowering plants
29. Burduhos Maria Daniela, Antonia Odagiu, Ioan Oroian, Cristian Iederan, **Daniela Bordea**, 2020, Berries Present in the Spontaneous and Cultivated Flora from Cluj County, *ProEnvironment*, 13(42), 44-48.
30. Bocoş Letiția Adriana, Ioan Oroian, Antonia Odagiu, Cristian Mălinaş, Ioan Braşovean, **Daniela Bordea**, 2020, Phytosanitary Risk Analysis in the Control of the Main Diseases in Sugar Beet, *ProEnvironment*, 13(41), 5-8.
31. Adrian Milăşan, I.Gh.Oroian, **Daniela Bordea**, Ioan Braşovean, Constantin Mihai-Oroian, 2013, Zearalenone Content in Cereals, *Bulletin UASVM, Series Agriculture*, no. 70(2), 338 – 341
32. Odagiu Antonia, I.Gh.Oroian, Laura Paulette, **Daniela Bordea**, Cristian Iederan, Cristian Mălinaş, 2012, Study Concerning the Influence of Selenium Supplements on Crude Chemical Composition of *Allium sativum* L., de Cenad Abstract Variety, *ProEnvironment* 5/12, 200 – 203
33. Andrei Fleşeriu, I.Gh.Oroian, Ioan Braşovean, Constantin Mihai - Oroian, **Daniela Bordea**, 2012, Disease Risk Assessment in Potato Cultures, *Bulletin UASVM serie Agriculture*, no 69(2), 183 – 188
34. Antonia Odagiu, I.Gh.Oroian, Tania Mihaiescu, **Daniela Bordea**, Sinziana Pauliuc, 2012, Water Quality in Cluj-Napoca, *Bulletin UASVM serie Agriculture*, no. 69 (2), 483 – 485

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