

Universitatea Națională de Știință și Tehnologie POLITEHNICA București
Facultatea: **Inginerie Chimică și Biotehnologii**
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LISTA DE LUCRĂRI

ARTICOLE / STUDII IN EXTENSO PUBLICATE

1. Elena Ristea, Elena Bisinicu, Vasile Lavric, Oana Cristina Parvulescu, Luminita Lazar, **2025**, *A Long-Term Perspective of Seasonal Shifts in Nutrient Dynamics and Eutrophication in the Romanian Black Sea Coast*, Sustainability, **17** (3), 1090. <https://doi.org/10.3390/su17031090> (ISSN: 2071-1050; DOI: 10.3390/su17031090; **Q2**; IF: 3.3; WOS: 001419642000001)
2. Ilaria Quaratesi, Ioan Calinescu, Vasile Lavric, Vittoria Ferrara, Elena Badea, Petre Chipurici, Elisa-Gabriela Dumbravă, Rodica-Roxana Constantinescu, Nicoleta Daniela Ignat and Ioana Popa, **2024**, *Loop-Ultrasound-Assisted Extraction: An Efficient Approach for the Recovery of Bioactive Compounds from Oak Bark*, Agronomy, **14**, 1452. <https://doi.org/10.3390/agronomy14071452> (ISSN: 2073-4395; DOI: 10.3390/agronomy14071452; **Q1**; IF: 3.3; WOS: 001278167300001).
3. Păsărin, D., Lavric, V., Enășcuță, C. E., Ghizdăreanu, A.-I., Matei, C. B., **2023**, *Optimal Enzymatic Hydrolysis of Sweet Lupine Protein towards Food Ingredients*, Fermentation-Basel, **9** (3), 203 (ISSN: 2311-5637; DOI: 10.3390/fermentation9030203; **Q2**; WOS: 000958045300001; IF:5.123)
4. Nichitoi, M. M., Josceanu, A. M., Isopescu, R. D., Isopencu, G. I., Geana, E.-I., Ciucure, C. T., Lavric, V., **2023**, *Do ultrasonic field effects upon the polyphenolics profile of propolis extracts improve their antioxidant and antimicrobial activity?*, Ultrasonics Sonochemistry, **92**, 106274 (ISSN: 1350-4177; DOI: 10.1016/j.ultsonch.2022.106274; **Q1**; WOS: 000911315500001; IF:9.336)
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7. Nichitoi, M. M., Josceanu*, A. M., Isopescu, R. D., Isopencu*, G. O., Geana, E.-I., Ciucure, C. T., Lavric, V., **2021**, *Polyphenolics Profile Effects Upon the Antioxidant and Antimicrobial Activity of Propolis Extracts*, Scientific Reports, **11**, 20113 (ISSN: 2045-2322, **Q1**, IF:4.379, DOI: 10.1038/s41598-021-97130-9, WOS: 000706395800043)
8. Călinescu, I., Vinatoru, M., Ghimpețeanu, D., Lavric, V., Mason, T. J., **2021**, *A new reactor for process intensification involving the simultaneous application of adjustable ultrasound and microwave radiation*, Ultrasonics – Sonochemistry, **77**, 105701 (ISSN: 1350-4177; DOI: 10.1016/j.ultsonch.2021.105701; **Q1**; WOS: 000685504800007; IF:9.336)

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10. Chilug, L. E., Leonte, R. A., Ciuca M. D., Lavric*, V., **2021**, *Gold nanoparticles-based radiopharmaceuticals for nuclear molecular imaging and therapy applications*, *U.P.B. Sci. Bull., Series B*, **83** (1), 73-90, (ISSN 1454-2331, WOS: 000627764100007)
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16. Nichitoi, M. M., Josceanu, A. M., Isopescu, R. D., Isopencu, G., Lavric, V., **2019**, *Romanian propolis extracts: characterization and statistical analysis and modelling*, *U.P.B. Sci. Bull., Serie B*, **81**(4),149-162 (ISSN 1454-2331; WOS:000501994100014)
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