

## A. Articole publicate în reviste cotate ISI/BDI

A1. **Bianca-Denisa Chereji**, Florentina-Daniela Munteanu. (2024). Wool-based filters for the retaining of heavy metals from industrial and contaminated wastewater. *Scientific Papers. Series B, Horticulture*, Vol. LXVIII, Issue 1, Print ISSN 2285-5653, 699-704.

A2. **Bianca-Denisa Chereji**, Florentina-Daniela Munteanu. (2022). The impact of sheep waste wool on the environment. *Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering*, Vol. XI, Print ISSN 2285-6064, 458-463.

A3. Gavrilaş, Simona, Mihaela Dochia, Andreea-Raluca Sărsan, **Bianca-Denisa Chereji**, and Florentina-Daniela Munteanu. 2024. "Use of Vegetable Waste for New Ecological Methods in Wool Fibre Treatments" *Clean Technologies* 6, no. 4: 1326-1339. <https://doi.org/10.3390/cleantechnol6040063>

A4. Ursachi, Claudiu-Ştefan, Simona Perţa-Crişan, Iolanda Tolan, Dorina Rodica Chambre, **Bianca-Denisa Chereji**, Dumitru Condrat, and Florentina-Daniela Munteanu. 2024. "Development and Characterization of Ethylcellulose Oleogels Based on Pumpkin Seed Oil and Rapeseed Oil" *Gels* 10, no. 6: 384. <https://doi.org/10.3390/gels10060384>.

A5. Perţa-Crişan, Simona, Claudiu-Ştefan Ursachi, **Bianca-Denisa Chereji**, Iolanda Tolan, and Florentina-Daniela Munteanu. 2023. "Food-Grade Oleogels: Trends in Analysis, Characterization, and Applicability" *Gels* 9, no. 5: 386. <https://doi.org/10.3390/gels9050386>.

A6. Simona Perţa-Crişan, Claudiu-Ştefan Ursachi, Iolanda Tolan, **Bianca-Denisa Chereji**, Dumitru Condrat, Maria Balint, Florentina-Daniela Munteanu. Characterization of beeswax-based oleogels with pumpkin seed oil and rapeseed oil. *Scien. Tech. Bull-Chem. Food Sci. Eng.*, Vol. 20 (XXI), 2023, 25-33.

A7. Claudiu-Ştefan Ursachi, Simona Perţa-Crişan, Iolanda Tolan, **Bianca-Denisa Chereji**, Florentina-Daniela Munteanu. Preliminary studies about some factors influencing the properties of oleogels. *Scien. Tech. Bull-Chem. Food Sci. Eng.*, Vol. 19(XX), 2022, 34-42.

A8. Perţa-Crişan, Simona, Claudiu-Ştefan Ursachi, **Bianca-Denisa Chereji**, and Florentina-Daniela Munteanu. 2023. "Oleogels—Innovative Technological Solution for the Nutritional Improvement of Meat Products" *Foods* 12, no. 1: 131. <https://doi.org/10.3390/foods12010131>.

## **B. Proiecte de cercetare**

B1. "Închiderea lanțurilor de valoare din bioeconomie prin obținerea de bioproduse inovative cerute de piață", PN-III-P1-1.2-PCCDI-2017-0569.

B2. "Centru de cercetare în bio-eco-economie", 356/390032/27.09.2021, Nr. MySMIS 128019.

B3. "Îmbunătățirea calității nutritive a unor produse din carne prin aplicarea de strategii tehnologice inovative", PN-III-P2-2.1-PED-2021-3240.

B4. "Impactul stresului abiotic și biotic asupra plantelor datorită schimbărilor climatice", PN-III-P4-ID-PCE-2020-0410.

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