L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Cercetări privind realizarea unor materiale biopolimerice pentru ambalaje inteligente, Conducător de doctorat Prof. univ. dr. ing. Sonia AMARIEI, titlu de doctor OM 4517/22.07.2019, diplomă seria J, nr. 0035595.

B. Cărţi și capitole în cărţi publicate în ultimii 10 ani

1. **Gheorghita, R**., Noi perspective în utilizarea materialelor biopolimerice: ambalaje comestibile pentru alimente și suplimente alimentare, Editura Performantica, ISBN 978-606-685-706-2, 2020.
2. Filip, R., Anchidin-Norocel, L., **Gheorghiţă, R**., Igienă. Lucrări practice, Editura Performantica, ISBN 978-606-685-781-9, 2021.
3. Covaşă, M., Arhire, L., Bosancu, A., **Gheorghiţă, R**. Transplantul de microbiotă fecală. Răspunsul medicinei la problemele actuale, Editura Universităţii "Ştefan cel Mare", ISBN 978-973-666-686-5, 2021.
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C. Lucrări indexate ISI publicate în ultimii 10 ani

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27. **Gheorghita, R**., Anchidin-Norocel, L., Petraru, A., Ursachi, F., (2021). Strategies and Challenges for Successful Implementation of Green Economy Concept: Edible Materials for Meat Products Packaging. Foods (IF 4.350), 10(12),3035.
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D. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

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10. Gheorghita, R., Amariei, S., Gutt, G., (2021), *Use of Polymers in the Development of Edible Packaging Materials for Food Supplements*, **Scientific Bulletin. Series F. Biotechnologies**, Vol. XXV, No. 1, 2021, http://biotechnologyjournal.usamv.ro/pdf/2021/issue_1/Art17.pdf.

E. Brevete de invenţie şi alte titluri de proprietate industrială

1. *Aparat pentru determinarea automată a permeabilitaţii membranelor la lichide încălzite*, Autori: Sonia Amariei, Gheorghe Gutt, **Roxana Puşcăşelu**, Liliana Norocel, RO132944 (A2), 2018-11-29.
2. *Aparat pentru realizarea automată şi concomitentă a familiilor de curbe de absorbţie a apei la membrane alimentare comestibile*. Autori: Sonia Amariei, Gheorghe Gutt, **Roxana Gheorghita**, Liliana Norocel, Florin Ursachi, A/00762/20.11.2020.
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4. *Film biopolimeric, comestibil şi procedeu de obţinere a acestuia*, Autori: **Roxana Gheorghiţă**, Gheorghe Gutt, A/00737/06.12.2022.
5. *Iaurt cu microcapsule cu suc natural de fructe şi procedeu de obţinere*, Autori: **Roxana Gheorghita**, Mihai Covasa, Adriana Dabija, Andrei Lobiuc, Camelia Oana Iatcu, A/00551/15.09.2021.
6. *Jelly with natural Aronia Melanocarpa and lemon essential oil and process for obtaining it*, Autori **Roxana Gheorghita**, Mircea Adrian Oroian, 24464001.7/EP24464001 din 22.02.2024.
7. *Method for obtaining microplants of Ocimum Basilicum L. through light spectrum modulation*. Autori Lobiuc Andrei, Covasa Mihai, **Gheorghita Roxana**, Paval Naomi Eunicia. A00377/28.06.2024.
8. *Probiotic yogurt enriched with green banana flour, camu-camu powder, a mixture of oat flakes and pumpkin seeds, and its production process*. Iatcu Oana Camelia, Covasa Mihai, Dimian Mihai, **Gheorghita Roxana Elena**. A00650/31.10.2023.
9. *Probiotic yogurt enriched with green banana flour, spirulina, a mixture of oat flakes and cranberries, and its production process*. Iatcu Oana Camelia, Covasa Mihai, Dimian Mihai, **Gheorghita Roxana Elena**. A00649/31.10.2023.
10. *Probiotic yogurt enriched with green banana flour, kelp, a mixture of oat flakes and chia seeds, and its production process.* Iatcu Oana Camelia, Covasa Mihai, Dimian Mihai, **Gheorghita Roxana Elena**. A00648/31.10.2023.
11. *Iaurt cu Lacticaseibacillus Rhamnosus şi Bacillus Clausii încapsulat şi procedeu de obţinere*. **Gheorghita Roxana**, Sirbu Ioan Ovidiu, Covasa Mihai, Pintilei Reurean Delia Viola, Lobiuc Andrei. A00200/02.04.2026.
12. *Biopolymeric capsules containing vitamin D3 and process for their production.* **Gheorghita Roxana Elena**, Sturdza Caliman Adriana, Dimian Mihai, Soldanescu Iuliana, Covasa Mihai, Lobiuc Andrei, Mangul Serghei. 266464001.2/EP26464001/19.02.2026.

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