RAPORT PRIVIND ACTIVITATEA DE CERCETARE ȘI DIDACTICĂ

RAPORT

STRUCTURA DE CERCETARE

PERIOADA 1/1/2021 – 31/12/2026

Generat la data de 03/09/26

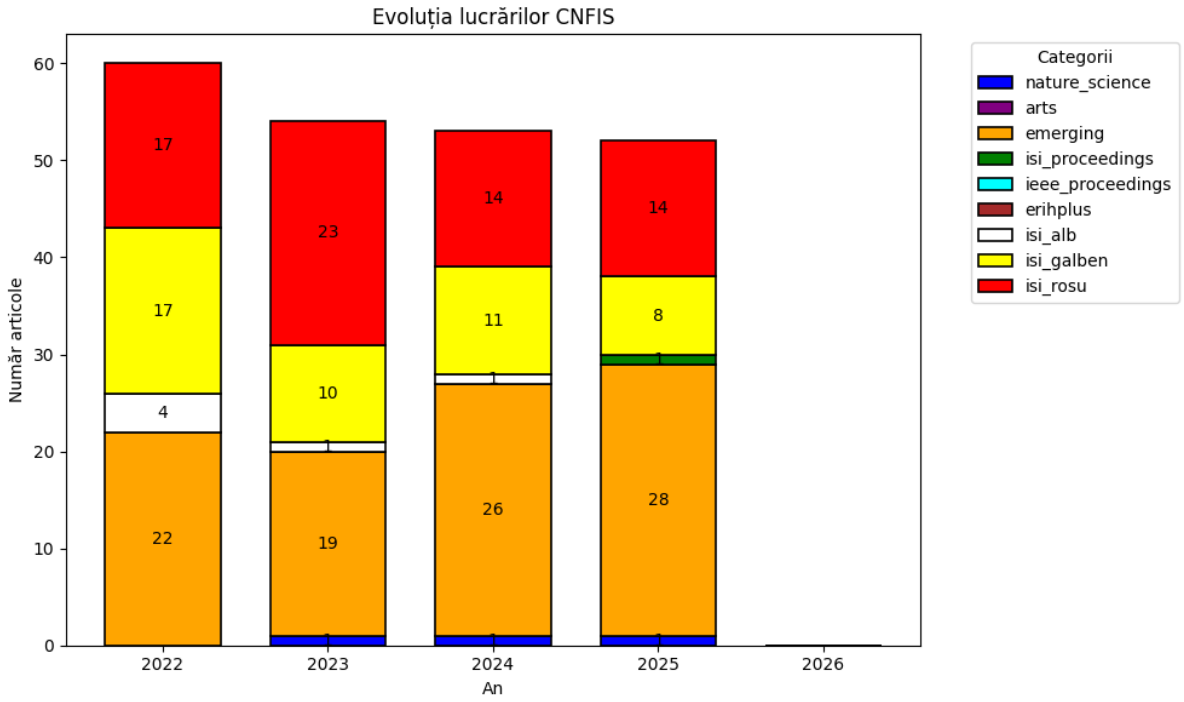
Cuprins

C1 Articole ştiinţifice ..... *Error! Bookmark not defined.*

C1.1 Articole ştiinţifice publicate în reviste ISI ..... Error! Bookmark not defined.

C1.2 Articole ştiinţifice publicate în reviste indexate în BDI ..... Error! Bookmark not defined.

Activitatea de cercetare



			2022	2023	2024	2025	2026
C1. Lucrări ştiinţifice			121	117	112	97	6
	Total din care	Nature/Science	0	1	1	1	0
		ISI Roșu	17	23	14	14	0
		ISI Galben	17	10	11	8	0
		Isi Alb	4	1	1	0	0
		ISI Arts&Humanities	0	0	0	0	0
		ISI Emerging Sources Citation Index	22	19	26	28	0
		ERIH+	0	0	0	0	0
		ISI Proceedings	0	0	0	1	0
		IEEE Proceedings	0	0	0	0	0
		Others	61	63	59	45	6

C1 Articole științifice

ISI Roșu

1. Oana-Elena Pascariu, Leticia M. Estevinho, Natalia L. Seixas, Ioan Dopcea, Oana A. Boiu-Sicuia, Mihaela Geicu-Cristea & Florentina Israel-Roming (2025). „Antioxidant Properties and Microbiological Stability of Yogurt Enriched with Elderberry Extract". *FOODS* 14(7). https://doi.org/10.3390/foods14071251
2. Simona Marcu Spinu, Mihaela Dragoi Cudalbeanu, Nikola Major, Smiljana Goreta Ban, Igor Palcic, Alina Ortan, Petronela Mihaela Rosu & Narcisa Elena Babeanu (2025). „Box-Behnken Design Optimization of Green Extraction from Tomato Aerial Parts and Axillary Shoots for Enhanced Recovery of Rutin and Complementary Bioactive Compounds". *ANTIOXIDANTS* 14(9), Article 1062. https://doi.org/10.3390/antiox14091062
3. Alexandru Constantin Aldea, Filofteia Camelia Diguta, Oriana Presacan, Catalina Voaides, Radu Cristian Toma & Florentina Matei (2025). „Detecting antibiotic resistance: classical, molecular, advanced bioengineering, and AI-enhanced approaches". *FRONTIERS IN MICROBIOLOGY* 16, Article 1673343. https://doi.org/10.3389/fmicb.2025.1673343
4. Lucia-Florina Popovici, Ion Brinza, Florentina Gatea, Georgiana Ileana Badea, Emanuel Vamanu, Simona Oancea & Lucian Hritcu (2025). „Enhancement of Cognitive Benefits and Anti-Anxiety Effects of Phytolacca americana Fruits in a Zebrafish (Danio rerio) Model of Scopolamine-Induced Memory Impairment". *ANTIOXIDANTS* 14(1), Article 97. https://doi.org/10.3390/antiox14010097
5. Carmen-Rodica Vrinceanu, Filofteia Camelia Diguta, Mihaela Dragoi Cudalbeanu, Alina Ortan, Constanta Mihai, Iuliana Diana Barbulescu, Mihai Frincu, Mihaela Begea, Florentina Matei & Razvan Ionut Teodorescu (2025). „Exploring the Potential of Torulaspora delbrueckii, Starmerella bacillaris, and Saccharomyces cerevisiae as a Probiotic Starter for Craft Beer Production". *FOODS* 14(9), Article 1608. https://doi.org/10.3390/foods14091608
6. Brice Dangnon, Durand Dah-Nouvlessounon, S. M. Ismael Hoteyi, Haziz Sina, Justinian Andrei Tomescu, Kouassi Jean-Michel Akpo, Maxime Machioud Sangare-Oumar, Adolphe Adjanohoun, Olubukola Oluranti Babalola, Emanuel Vamanu & Lamine Baba-Moussa (2025). „Gastroprotective, Antioxidant, Anti-Inflammatory, and Toxicological Evaluation of Stem Bark Extracts of Vitellaria paradoxa and Parkia biglobosa". *PHARMACEUTICALS* 18(8), Article 1184. https://doi.org/10.3390/ph18081184
7. Simona Marcu Spinu, Mihaela Dragoi Cudalbeanu, Carmen Laura Cimpeanu, Nikola Major, Elwira Sieniawska, Krzysztof Kamil Wojtanowski, Ionela Avram, Diana Pelinescu, Alina Ortan & Narcisa Elena Babeanu (2025). „In Vitro Insights into the Antifungal, Prebiotic, and Cytotoxic Potential of Tomato Plant Waste". *NUTRIENTS* 17(22), Article 3616. https://doi.org/10.3390/nu17223616
8. Gaia Cusumano, Agnese Bertoldi, Eleonora Calzoni, Husam B. R. Alabed, Laura Dorina Dinu, Emanuel Vamanu, Florentina Matei, Gokhan Zengin & Carla Emiliani (2025). „Nanovesicles from Rosa canina: A Treasure Trove of Antioxidant Potential for Oxidative Stress, Inflammation, and Gut Microbiota Modulation". *PHARMACEUTICALS* 18(11), Article 1672. https://doi.org/10.3390/ph18111672
9. Emanuel Vamanu, Ionela Avram, Diana Roxana Pelinescu, Hesham R. El-Seedi, Lucian Hritcu, Ion Brinza, Laura-Dorina Dinu & Razvan Stefan Boiangiu (2025). „Neurobehavioral Protection by

Prebiotic Formulations in a Scopolamine-Induced Cognitive Impaired Zebrafish Model". *LIFE-BASEL* 15(8), Article 1268. https://doi.org/10.3390/life15081268

10. Adina Nichita, Beatrice Sordini, Ebtsam Al-Olayan, Sonia Esposto, Egidia Costanzi, Beniamino Cenci-Goga, Mona Elena Popa, Maurizio Servili & Gianluca Veneziani (2025). „Physicochemical, Microbiological and Sensory Evaluation of Plant-Based Meat Analogs Supplemented with Phenolic Extracts from Olive Mill By-Products". *FOODS* 14(19), Article 3347. https://doi.org/10.3390/foods14193347
11. Valentina Simion, Valerica Luminita Visan, Ricuta Vasilica Dobrinoiu & Silvana Mihaela Danaila-Guidea (2025). „Studies on the Ethyl Carbamate Content of Fermented Beverages and Foods: A Review". *FOODS* 14(19). https://doi.org/10.3390/foods14193292
12. Mihaela Carmen Eremia, Ramona Daniela Pavaloiu, Oana Livadariu, Anca Daniela Raiciu, Fawzia Sha'at, Corina Bubueanu & Dana Maria Miu (2025). „The Effect of Light on the Germination of Raphanus sativus Seeds and the Use of Sprout Extracts in the Development of a Dermatocosmetic Gel". *GELS* 11(7). https://doi.org/10.3390/gels11070515
13. Ionut-Cristian Rusu, Oana-Elena Pascariu, Aglaia Popa (Burlacu), Camelia-Filofteia Diguta, Livia Apostol, Mihai-Bogdan Nicolcioiu, Alexandru Valentin Zagrean & Florentina Israel-Roming (2025). „The Influence of Substrate Composition on Nutritional Content and Biological Activity of Some Pleurotus Mushrooms Extracts". *AGRICULTURE-BASEL* 15(7). https://doi.org/10.3390/agriculture15070791
14. Gyanendra Tripathi, Priyanka Dubey, Khwaja Osama, Suahil Ahmad, Veer Singh, Alvina Farooqui, Emanuel Vamanu, Sachchida Nand Rai & Vishal Mishra (2025). „Two-stage cultivation of microalga for sustainable biofuel production". *GREEN CHEMISTRY LETTERS AND REVIEWS* 18(1), Article 2543909. https://doi.org/10.1080/17518253.2025.2543909
15. Simona Marcu Spinu, Mihaela Dragoi Cudalbeanu, Ionela Avram, Radu Claudiu Fierascu, Petronela Mihaela Rosu, Ana-Maria Morosanu, Carmen Laura Cimpeanu, Narcisa Babeanu & Alina Ortan (2024). „Antibacterial and Antitumoral Potentials of Phytosynthesized Silver/Silver Oxide Nanoparticles Using Tomato Flower Waste". *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 25(18), Article 9871. https://doi.org/10.3390/ijms25189871
16. Oana Livadariu, Carmen Gabriela Constantin, Oana-Alina Boiu-Sicuia, Aurora Dobrin & Violeta Alexandra Ion (2024). „Assessment of Aseptic and Non-Aseptic Systems' Influence on Basil (Ocimum basilicum L.) Microplants". *PLANTS-BASEL* 13(16), Article 2313. https://doi.org/10.3390/plants13162313
17. Emanuel Vamanu, Milena Lakicevic, Nebojsa Dedovic, Georgiana Dumitru, Ileana Georgiana Badea, Florentina Gatea & Laura Dorina Dinu (2024). „Evaluating the Efficacy of an Extract for UV Defense and Mitigation of Oxidative Stress, Transitioning from Biomass to Bioprotection". *AGRONOMY-BASEL* 14(10), Article 2306. https://doi.org/10.3390/agronomy14102306
18. Laura-Dorina Dinu & Emanuel Vamanu (2024). „Gut Microbiota Modulators Based on Polyphenols Extracted from Winery By-Products and Their Applications in the Nutraceutical Industry". *LIFE-BASEL* 14(3), Article 414. https://doi.org/10.3390/life14030414
19. Laura-Dorina Dinu, Quthama Jasim Al-Zaidi, Adelina Georgiana Matache & Florentina Matei (2024). „Improving the Efficiency of Viability-qPCR with Lactic Acid Enhancer for the Selective

Detection of Live Pathogens in Foods". *FOODS* 13(7), Article 1021. https://doi.org/10.3390/foods13071021

20. Anca Zanfirescu, Ionela Avram, Florentina Gatea, Razvan Rosca & Emanuel Vamanu (2024). „In Vitro and In Vivo Antihyperglycemic Effects of New Metabiotics from Boletus edulis". *LIFE-BASEL* 14(1), Article 68. https://doi.org/10.3390/life14010068
21. Gabriela Luta, Daniela Balan, Maria Stanca, Ovidiu Jerca, Stefana Jurcoane, Mihaela Niculescu, Carmen Gaidau & Ioana Rodica Stanculescu (2024). „Innovative Protein Gel Treatments to Improve the Quality of Tomato Fruit". *GELS* 10(1), Article 10. https://doi.org/10.3390/gels10010010
22. Oana-Elena Pascariu, Luis Guimaraes Dias & Florentina Israel-Roming (2024). „Optimization of Extraction Method of Bioactive Compounds from Elderberries (Sambucus nigra L.) and Testing Extract Stability". *HORTICULTURAE* 10(7), Article 743. https://doi.org/10.3390/horticulturae10070743
23. Neha Rana, A. Najitha Banu, Bimlesh Kumar, Sandeep K. Singh, Noha E. Abdel-razik, Naif A. Jalal, Farkad Bantun, Emanuel Vamanu & Mahendra P. Singh (2024). „Phytofabrication, characterization of silver nanoparticles using Hippophae rhamnoides berries extract and their biological activities". *FRONTIERS IN MICROBIOLOGY* 15, Article 1399937. https://doi.org/10.3389/fmicb.2024.1399937
24. Camelia Hodosan, Lucica Nistor, Paula Posan, Sorin Iulius Barbuica, Daniela Ianitchi, Gabriela Luta & Lizica Szilagyi (2024). „Pilot Study on a Liquid Mineral Foliar Fertilizer Mixed with Herbicides for Maize Protection and Nutrition". *AGRICULTURE-BASEL* 14(12), Article 2129. https://doi.org/10.3390/agriculture14122129
25. Mabil Sajad, Shabnam Shabir, Sandeep Kumar Singh, Rima Bhardwaj, Walaa F. Alsanie, Abdulhakeem S. Alamri, Majid Alhomrani, Abdulaziz Alsharif, Emanuel Vamanu & Mahendra P. Singh (2024). „Role of nutraceutical against exposure to pesticide residues: power of bioactive compounds". *FRONTIERS IN NUTRITION* 11, Article 1342881. https://doi.org/10.3389/fnut.2024.1342881
26. Dan Rambu, Mihaela Dumitru, Georgeta Ciurescu & Emanuel Vamanu (2024). „Solid-State Fermentation Using Bacillus licheniformis-Driven Changes in Composition, Viability and In Vitro Protein Digestibility of Oilseed Cakes". *AGRICULTURE-BASEL* 14(4), Article 639. https://doi.org/10.3390/agriculture14040639
27. Daniela Albisoru, Nicoleta Radu, Lucia Camelia Pirvu, Amalia Stefaniu, Narcisa Babeanu, Rusandica Stoica & Dragos Paul Mihai (2024). „Studies Regarding Antimicrobial Properties of Some Microbial Polyketides Derived from Monascus Strains". *ANTIBIOTICS-BASEL* 13(11), Article 1092. https://doi.org/10.3390/antibiotics13111092
28. Alexandru Stefan Barcan, Rares Andrei Barcan & Emanuel Vamanu (2024). „Therapeutic Potential of Fungal Polysaccharides in Gut Microbiota Regulation: Implications for Diabetes, Neurodegeneration, and Oncology". *JOURNAL OF FUNGI* 10(6), Article 394. https://doi.org/10.3390/jof10060394
29. Ionela Avram, Diana Pelinescu, Florentina Gatea, Robertina Ionescu, Alexandru Barcan, Razvan Rosca, Anca Zanfirescu & Emanuel Vamanu (2023). „Boletus edulis Extract-A New Modulator of Dysbiotic Microbiota". *LIFE-BASEL* 13(7), Article 1481. https://doi.org/10.3390/life13071481

30. Daniela-Mihaela Grigore, Silvia Mironeasa, Georgeta Ciurescu, Madalina Ungureanu-Iuga, Ana Batariuc & Narcisa Elena Babeanu (2023). „Carcass Yield and Meat Quality of Broiler Chicks Supplemented with Yeasts Bioproducts". *APPLIED SCIENCES-BASEL* 13(3), Article 1607. https://doi.org/10.3390/app13031607
31. Ionut Georgica Marchidan, Alina Ortan, Simona Marcu Spinu, Sorin Marius Avramescu, Ionela Avram, Radu Claudiu Fierascu & Narcisa Babeanu (2023). „Chemical Composition and Biological Properties of New Romanian Lavandula Species". *ANTIOXIDANTS* 12(12), Article 2127. https://doi.org/10.3390/antiox12122127
32. Divya Mishra, Ashish Mishra, Sachchida Nand Rai, Emanuel Vamanu & Mohan P. Singh (2023). „Demystifying the Role of Prognostic Biomarkers in Breast Cancer through Integrated Transcriptome and Pathway Enrichment Analyses". *DIAGNOSTICS* 13(6), Article 1142. https://doi.org/10.3390/diagnostics13061142
33. Emanuel Vamanu, Florentina Gatea, Ionela Avram, Gabriel Lucian Radu & Sandeep Kumar Singh (2023). „Dysbiotic Gut Microbiota Modulation by Aronia Fruits Extract Administration". *LIFE-BASEL* 13(1), Article 32. https://doi.org/10.3390/life13010032
34. Daniela Balan, Gabriela Luta, Maria Stanca, Ovidiu Jerca, Mihaela Niculescu, Carmen Gaidau, Stefana Jurcoane & Antoaneta Mihalcea (2023). „Effect of Protein Gel Treatments on Biometric and Biochemical Attributes of Tomato Seedlings in Greenhouse Condition". *AGRICULTURE-BASEL* 13(1), Article 54. https://doi.org/10.3390/agriculture13010054
35. Sara Roman, Catalina Voaides & Narcisa Babeanu (2023). „Exploring the Sustainable Exploitation of Bioactive Compounds in Pelargonium sp.: Beyond a Fragrant Plant". *PLANTS-BASEL* 12(24), Article 4123. https://doi.org/10.3390/plants12244123
36. Veer Singh, Nidhi Singh, Sachchida Nand Rai, Ashish Kumar, Anurag Kumar Singh, Mohan P. Singh, Ansuman Sahoo, Shashank Shekhar, Emanuel Vamanu & Vishal Mishra (2023). „Heavy Metal Contamination in the Aquatic Ecosystem: Toxicity and Its Remediation Using Eco-Friendly Approaches". *TOXICS* 11(2), Article 147. https://doi.org/10.3390/toxics11020147
37. Divya Mishra, Ashish Mishra, Sachchida Nand Rai, Emanuel Vamanu & Mohan P. Singh (2023). „Identification of Prognostic Biomarkers for Suppressing Tumorigenesis and Metastasis of Hepatocellular Carcinoma through Transcriptome Analysis". *DIAGNOSTICS* 13(5), Article 965. https://doi.org/10.3390/diagnostics13050965
38. Camelia Filofteia Diguta, Constanta Mihai, Radu Cristian Toma, Carmen Cimpeanu & Florentina Matei (2023). „In Vitro Assessment of Yeasts Strains with Probiotic Attributes for Aquaculture Use". *FOODS* 12(1), Article 124. https://doi.org/10.3390/foods12010124
39. Oana-Alina Boiu-Sicuia, Radu Cristian Toma, Camelia Filofteia Diguta, Florentina Matei & Calina Petruta Cornea (2023). „In Vitro Evaluation of Some Endophytic Bacillus to Potentially Inhibit Grape and Grapevine Fungal Pathogens". *PLANTS-BASEL* 12(13), Article 2553. https://doi.org/10.3390/plants12132553
40. Rachit Jain, Nusrat Begum, Kamatham Pushpa Tryphena, Shashi Bala Singh, Saurabh Srivastava, Sachchida Nand Rai, Emanuel Vamanu & Dharmendra Kumar Khatri (2023). „Inter and intracellular mitochondrial transfer: Future of mitochondrial transplant therapy in Parkinson?s disease". *BIOMEDICINE PHARMACOTHERAPY* 159, Article 114268. https://doi.org/10.1016/j.biopha.2023.114268

41. Sumaira Yousuf, Shabnam Shabir, Mohammad Murtaza Mehdi, Shailesh Srivastav, Zuhair M. M. Mohammedsaleh, Zaid Bassfar, Mohammed M. M. Jalal, Mamdoh S. S. Moawadh, Yahya F. F. Jamous, Sandeep Kumar Singh, Emanuel Vamanu Mahendra P. P. Singh (2023). „Investigation of the Protective Effects of Urtica dioica, Capsella bursa-pastoris and Inula racemosa on Acetaminophen-Induced Nephrotoxicity in Swiss Albino Male Mice". *APPLIED SCIENCES-BASEL* 13(6), Article 3925. https://doi.org/10.3390/app13063925
42. Oana Livadariu, Carmen Maximilian, Behnaz Rahmanifar Calina Petruta Cornea (2023). „LED Technology Applied to Plant Development for Promoting the Accumulation of Bioactive Compounds: A Review". *PLANTS-BASEL* 12(5), Article 1075. https://doi.org/10.3390/plants12051075
43. Somnath Sahoo, Sarika Sharma, Mahendra P. Singh, Sandeep K. Singh, Emanuel Vamanu Kongara Hanumantha Rao (2023). „Metabolic and Phenotypic Changes Induced during N-Acetylglucosamine Signalling in the Fungal Pathogen Candida albicans". *BIOMEDICINES* 11(7), Article 1997. https://doi.org/10.3390/biomedicines11071997
44. Elena Mirela Dusa, Vasilica Stan, Nicoleta Vrinceanu, Mircea Mihalache, Mihaela Vasile, Oana Sicuia Catalina Voaides (2023). „Soil Chemical Properties and Microbial Behavior under Short-Term Organic and Mineral Fertilization within Different Crops". *AGRONOMY-BASEL* 13(11), Article 2837. https://doi.org/10.3390/agronomy13112837
45. Luminita Dimitriu, Diana Constantinescu-Aruxandei, Daniel Preda, Ionut Moraru, Narcisa Elena Babeanu Florin Oancea (2023). „The Antioxidant and Prebiotic Activities of Mixtures Honey/Biomimetic NaDES and Polyphenols Show Differences between Honeysuckle and Raspberry Extracts". *ANTIOXIDANTS* 12(9), Article 1678. https://doi.org/10.3390/antiox12091678
46. Neha Rana, Sandeep Kumar Singh, Najitha A. Banu, Ahmed Hjazi, Emanuel Vamanu Mahendra P. Singh (2023). „The Ethnopharmacological Properties of Green-Engineered Metallic Nanoparticles against Metabolic Disorders". *MEDICINA-LITHUANIA* 59(6), Article 1022. https://doi.org/10.3390/medicina59061022
47. Ioana Stanciu, Elena Loredana Ungureanu, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Mihaela Draghici, Amalia Carmen Mitelut, Gabriel Mustatea Mona Elena Popa (2023). „The Experimental Development of Bread with Enriched Nutritional Properties Using Organic Sea Buckthorn Pomace". *APPLIED SCIENCES-BASEL* 13(11), Article 6513. https://doi.org/10.3390/app13116513
48. Laura-Dorina Dinu, Florentina Gatea, Florentina Roaming Israel, Milena Lakicevic, Nebojsa Dedovic Emanuel Vamanu (2023). „The Modulation Effect of a Fermented Bee Pollen Postbiotic on Cardiovascular Microbiota and Therapeutic Perspectives". *BIOMEDICINES* 11(10), Article 2712. https://doi.org/10.3390/biomedicines11102712
49. Shabnam Shabir, Amit Sehgal, Joydeep Dutta, Inderpal Devgon, Sandeep K. Singh, Walaa F. Alsanie, Abdulhakeem S. Alamri, Majid Alhomrani, Abdulaziz Alsharif, Mohammed Abubaker Mohammed Basalamah, Hani Faidah, Farkad Bantun, Abdullah Ali Saati, Emanuel Vamanu Mahendra P. Singh (2023). „Therapeutic Potential of Green-Engineered ZnO Nanoparticles on Rotenone-Exposed D. melanogaster (Oregon R+): Unveiling Ameliorated Biochemical, Cellular, and Behavioral Parameters". *ANTIOXIDANTS* 12(9), Article 1679. https://doi.org/10.3390/antiox12091679

50. Simran Kauts, Yachana Mishra, Sumaira Yousuf, Rima Bhardwaj, Sandeep K. Singh, Fahad M. Alshabrmi, Mahmoud Abdurahman, Emanuel Vamanu Mahendra P. Singh (2023). „Toxicological Profile of Polyethylene Terephthalate (PET) Microplastic in Ingested Drosophila melanogaster (Oregon R+) and Its Adverse Effect on Behavior and Development". *TOXICS* 11(9), Article 782. https://doi.org/10.3390/toxics11090782
51. Daniela-Mihaela Grigore, Madalina Ungureanu-Iuga, Elena Narcisa Pogurschi Narcisa Elena Babeanu (2023). „Transforming Rhodotorula sp. Biomass to Active Biologic Compounds for Poultry Nutrition". *AGRICULTURE-BASEL* 13(6), Article 1159. https://doi.org/10.3390/agriculture13061159
52. Elisabeta Elena Popa, Amalia Carmen Mitelut, Maria Rapa, Paul Alexandru Popescu, Mihaela Cristina Draghici, Mihaela Geicu-Cristea Mona Elena Popa (2022). „Antimicrobial Active Packaging Containing Nisin for Preservation of Products of Animal Origin: An Overview". *FOODS* 11(23), Article 3820. https://doi.org/10.3390/foods11233820
53. Paul-Alexandru Popescu, Laurentiu Mihai Palade, Ioana-Catalina Nicolae, Elisabeta Elena Popa, Amalia Carmen Mitelut, Mihaela Cristina Draghici, Florentina Matei Mona Elena Popa (2022). „Chitosan-Based Edible Coatings Containing Essential Oils to Preserve the Shelf Life and Postharvest Quality Parameters of Organic Strawberries and Apples during Cold Storage". *FOODS* 11(21), Article 3317. https://doi.org/10.3390/foods11213317
54. Nidhi Singh, Veer Singh, Sachchida Nand Rai, Vishal Mishra, Emanuel Vamanu Mohan P. Singh (2022). „Deciphering the gut microbiome in neurodegenerative diseases and metagenomic approaches for characterization of gut microbes". *BIOMEDICINE PHARMACOTHERAPY* 156, Article 113958. https://doi.org/10.1016/j.biopha.2022.113958
55. Shabnam Shabir, Sumaira Yousuf, Sandeep Kumar Singh, Emanuel Vamanu Mahendra P. Singh (2022). „Ethnopharmacological Effects of Urtica dioica, Matricaria chamomilla, and Murraya koenigii on Rotenone-Exposed D. melanogaster: An Attenuation of Cellular, Biochemical, and Organismal Markers". *ANTIOXIDANTS* 11(8), Article 1623. https://doi.org/10.3390/antiox11081623
56. Veer Singh, Nidhi Singh, Manisha Verma, Rashmi Kamal, Ritesh Tiwari, Mahesh Sanjay Chivate, Sachchida Nand Rai, Ashish Kumar, Anupama Singh, Mohan P. Singh, Emanuel Vamanu Vishal Mishra (2022). „Hexavalent-Chromium-Induced Oxidative Stress and the Protective Role of Antioxidants against Cellular Toxicity". *ANTIOXIDANTS* 11(12), Article 2375. https://doi.org/10.3390/antiox11122375
57. Luminita Dimitriu, Diana Constantinescu-Aruxandei, Daniel Preda, Andra-Lavinia Nichitean, Cristian-Andi Nicolae, Victor Alexandru Faraon, Marius Ghiurea, Mihaela Ganciarov, Narcisa Elena Babeanu Florin Oancea (2022). „Honey and Its Biomimetic Deep Eutectic Solvent Modulate the Antioxidant Activity of Polyphenols". *ANTIOXIDANTS* 11(11), Article 2194. https://doi.org/10.3390/antiox11112194
58. Catalina Voaides, Oana Boiu-Sicuia, Florentina Israel-Roming, Medana Zamfir, Silvia Simona Grosu-Tudor, Iulia Roxana Angelescu Calina Petruta Cornea (2022). „Lactobacillus Strains for Vegetable Juice Fermentation-Quality and Health Aspects". *BIOMEDICINES* 10(11), Article 2867. https://doi.org/10.3390/biomedicines10112867

59. Laura-Dorina Dinu, Ionela Avram, Diana-Roxana Pelinescu Emanuel Vamanu (2022). „Mineral-Enriched Postbiotics: A New Perspective for Microbial Therapy to Prevent and Treat Gut Dysbiosis". *BIOMEDICINES* 10(10), Article 2392. https://doi.org/10.3390/biomedicines10102392
60. Narcisa Babeanu, Nicoleta Radu, Cristina-Emanuela Enascuta, Elvira Alexandrescu, Mihaela Ganciarov, Mohammed Shaymaa Omar Mohammed, Ioana Raluca Suica-Bunghez, Raluca Senin, Magdalina Ursu Marinela Bostan (2022). „Obtaining and Characterizing Composite Biomaterials of Animal Resources with Potential Applications in Regenerative Medicine". *POLYMERS* 14(17), Article 3544. https://doi.org/10.3390/polym14173544
61. Elena L. Ungureanu, Alexandru D. Soare, Andreea L. Mocanu, Sorin C. Iorga, Gabriel Mustatea Mona Elena Popa (2022). „Occurrence of Potentially Toxic Elements in Bottled Drinking Water-Carcinogenic and Non-Carcinogenic Risks Assessment in Adults via Ingestion". *FOODS* 11(10). https://doi.org/10.3390/foods11101407
62. Oana Bianca Oprea, Mona Elena Popa, Livia Apostol Liviu Gaceu (2022). „Research on the Potential Use of Grape Seed Flour in the Bakery Industry". *FOODS* 11(11), Article 1589. https://doi.org/10.3390/foods11111589
63. Verginica Schroder, Nicoleta Radu, Petruta Calina Cornea, Oana Andreia Coman, Lucia Camelia Pirvu, Mohammed Shaymaa Omar Mohammed, Amalia Stefaniu, Lucia Pintilie, Marinela Bostan, Mihai Dan Caramihai Viviana Roman (2022). „Studies Regarding the Antimicrobial Behavior of Clotrimazole and Limonene". *ANTIBIOTICS-BASEL* 11(12), Article 1816. https://doi.org/10.3390/antibiotics11121816
64. Marilena-Gabriela Olteanu Zaharie, Nicoleta Radu, Lucia Pirvu, Marinela Bostan, Mariana Voicescu, Mihaela Begea, Mariana Constantin, Catalina Voaides, Narcisa Babeanu Viviana Roman (2022). „Studies Regarding the Pharmaceutical Potential of Derivative Products from Plantain". *PLANTS-BASEL* 11(14), Article 1827. https://doi.org/10.3390/plants11141827
65. Mahendra P. Singh, Shabnam Shabir, Aman Singh Deopa, Sanchina Raj Raina, Farkad Bantun, Naif A. Jalal, Noha E. Abdel-razik, Yahya F. Jamous, Maryam S. Alhumaidi, Khadijah A. Altammar, Ahmed Hjazi, Sandeep Kumar Singh Emanuel Vamanu (2022). „Synthesis of Green Engineered Silver Nanoparticles through Urtica dioica: An Inhibition of Microbes and Alleviation of Cellular and Organismal Toxicity in Drosophila melanogaster". *ANTIBIOTICS-BASEL* 11(12), Article 1690. https://doi.org/10.3390/antibiotics11121690
66. Gabriela Daniela Stamatie, Iulia Elena Susman, Sabina Andreea Bobea, Elena Matei, Denisa Eglantina Duta Florentina Israel-Roming (2022). „The Influence of the Technological Process on Improving the Acceptability of Bread Enriched with Pea Protein, Hemp and Sea Buckthorn Press Cake". *FOODS* 11(22), Article 3667. https://doi.org/10.3390/foods11223667
67. Sachchida Nand Rai, Mohan P. Singh, Emanuel Vamanu Haixia Chen (2022). „The role of mushrooms and their nutraceuticals for chronic and degenerative diseases". *FRONTIERS IN PHARMACOLOGY* 13, Article 1022198. https://doi.org/10.3389/fphar.2022.1022198
68. Shailendra Kumar Mishra, Vyshnavy Balendra, Josephine Esposto, Ahmad A. Obaid, Ricardo B. Maccioni, Niraj Kumar Jha, George Perry, Mahmoud Moustafa, Mohammed Al-Shehri, Mahendra P. Singh, Anmar Anwar Khan, Emanuel Vamanu Sandeep Kumar Singh (2022). „Therapeutic Antiaging Strategies". *BIOMEDICINES* 10(10), Article 2515. https://doi.org/10.3390/biomedicines10102515

69. Mihai-Vlad Valu, Catalin Ducu, Sorin Moga, Denis Negrea, Lucian Hritcu, Razvan Stefan Boiangiu, Emanuel Vamanu, Tudor Adrian Balseanu, Simone Carradori Liliana Cristina Soare (2021). „Effects of the Hydroethanolic Extract of Lycopodium selago L. on Scopolamine-Induced Memory Deficits in Zebrafish". *PHARMACEUTICALS* 14(6), Article 568. https://doi.org/10.3390/ph14060568
70. Juan Pablo Aguinaga Bosquez, Zoltan Kovacs, Zoltan Gillay, Gyorgy Bazar, Csaba Palko, Hajnalka Hingyi, Eva Csavajda, Marta Uveges, Zsuzsanna Jokaine Szatura, Iuliana Diana Barbulescu, Mihaela Begea Tamas Toth (2021). „Evaluating the Effect of a Brewery By-Product as Feed Supplementation on the Quality of Eggs by Means of a Human Panel and E-Tongue and E-Nose Analysis". *CHEMOSENSORS* 9(8), Article 213. https://doi.org/10.3390/chemosensors9080213
71. Mihai-Vlad Valu, Liliana Cristina Soare, Catalin Ducu, Sorin Moga, Denis Negrea, Emanuel Vamanu, Tudor-Adrian Balseanu, Simone Carradori, Lucian Hritcu Razvan Stefan Boiangiu (2021). „Hericium erinaceus (Bull.) Pers. Ethanolic Extract with Antioxidant Properties on Scopolamine-Induced Memory Deficits in a Zebrafish Model of Cognitive Impairment". *JOURNAL OF FUNGI* 7(6), Article 477. https://doi.org/10.3390/jof7060477
72. Amalia Carmen Mitelut, Elisabeta Elena Popa, Mihaela Cristina Draghici, Paul Alexandru Popescu, Vlad Ioan Popa, Oana-Crina Bujor, Violeta Alexandra Ion Mona Elena Popa (2021). „Latest Developments in Edible Coatings on Minimally Processed Fruits and Vegetables: A Review". *FOODS* 10(11), Article 2821. https://doi.org/10.3390/foods10112821
73. Catalina Voaides, Nicoleta Radu, Elena Birza Narcisa Babeanu (2021). „Medlar-A Comprehensive and Integrative Review". *PLANTS-BASEL* 10(11), Article 2344. https://doi.org/10.3390/plants10112344
74. Iuliana Diana Barbulescu, Mihaela Violeta Ghica, Mihaela Begea, Madalina Georgiana Albu Kaya, Razvan Ionut Teodorescu, Lacramioara Popa, Simona Ioana Marculescu, Alexandru Ionut Ciric, Corina Dumitrache, Dumitru Lupuliasa, Florentina Matei Cristina-Elena Dinu-Pirvu (2021). „Optimization of the Fermentation Conditions for Brewing Yeast Biomass Production Using the Response Surface Methodology and Taguchi Technique". *AGRICULTURE-BASEL* 11(12), Article 1237. https://doi.org/10.3390/agriculture11121237
75. Raluca Nicoleta Darie-Nita, Maria Rapa, Morten Sivertsvik, Jan Thomas Rosnes, Elisabeta Elena Popa, Raluca Petronela Dumitriu, Octaviana Marincas, Ecaterina Matei, Cristian Predescu Cornelia Vasile (2021). „PLA-Based Materials Containing Bio-Plasticizers and Chitosan Modified with Rosehip Seed Oil for Ecological Packaging". *POLYMERS* 13(10), Article 1610. https://doi.org/10.3390/polym13101610
76. Sachchida Nand Rai, Payal Singh, Ritu Varshney, Vivek K. Chaturvedi, Emanuel Vamanu, M. P. Singh Brijesh Kumar Singh (2021). „Promising drug targets and associated therapeutic interventions in Parkinson's disease". *NEURAL REGENERATION RESEARCH* 16(9), 1730–1739. https://doi.org/10.4103/1673-5374.306066
77. Radu C. Racovita, Catinca Secuianu Florentina Israel-Roming (2021). „Quantification and risk assessment of carcinogenic polycyclic aromatic hydrocarbons in retail smoked fish and smoked cheeses". *FOOD CONTROL* 121, Article 107586. https://doi.org/10.1016/j.foodcount.2020.107586

78. Gabriel Mustatea, Elena L. Ungureanu, Sorin C. Iorga, Denisa Ciotea Mona E. Popa (2021). „Risk Assessment of Lead and Cadmium in Some Food Supplements Available on the Romanian Market". *FOODS* 10(3). https://doi.org/10.3390/foods10030581
79. Sachchida Nand Rai, Divya Mishra, Payal Singh, Emanuel Vamanu M. P. Singh (2021). „Therapeutic applications of mushrooms and their biomolecules along with a glimpse of in silico approach in neurodegenerative diseases". *BIOMEDICINE PHARMACOTHERAPY* 137, Article 111377. https://doi.org/10.1016/j.biopha.2021.111377

ISI Galben

1. Oriana Presacan, Maria Hernandez Mesa, Alexandru C. Aldea, Siri Andresen, Amani Al Outa, Julie Aarmo Johannessen, Bogdan Ionescu, Helene Knaevelsrud Michael A. Riegler (2025). „Explainable AI to unveil cellular autophagy dynamics". *PLOS ONE* 20(9), Article e0331045. https://doi.org/10.1371/journal.pone.0331045
2. Bogdan Tache, Roxana Spulber, Laura-Dorina Dinu Emanuel Vamanu (2025). „Exploring Eco-Friendly Microbial Strategies for Nosemosis Control in Honeybee". *MICROORGANISMS* 13(10), Article 2357. https://doi.org/10.3390/microorganisms13102357
3. Mircea-Cosmin Pristavu, Filofteia Camelia Diguta, Alexandru Constantin Aldea, Florentina Badea, Mihaela Dragoi Cudalbeanu, Alina Ortan Florentina Matei (2025). „Functional Profiling of Enterococcus and Pediococcus Strains: An In Vitro Study on Probiotic and Postbiotic Properties". *MICROORGANISMS* 13(6), Article 1348. https://doi.org/10.3390/microorganisms13061348
4. Alexandru Stefan Barcan, Rares Andrei Barcan Emanuel Vamanu (2025). „Genomic Insights into Bacterial Antimicrobial Resistance Transmission and Mitigation Strategies". *CURRENT PHARMACEUTICAL BIOTECHNOLOGY* 26(12), 1859–1881. https://doi.org/10.2174/0113892010304596240629102419
5. Filofteia Camelia Diguta, Radu Cristian Toma Florentina Matei (2025). „In Vitro Evaluation of Halotolerant Bacillus velezensis 24.5 as a Promising Probiotic with Broad-Spectrum Antimicrobial Activity". *MICROORGANISMS* 13(10), Article 2240. https://doi.org/10.3390/microorganisms13102240
6. Anca Becze, Lacrimioara Senila, Mihaela Multescu, Aglaia Popa, Floarea Serbancea Marin Senila (2025). „Nutritional Value of Tomato Pomace as a By-Product from the Processing of Several Tomato (Solanum lycopersicum L.) Cultivars". *MOLECULES* 30(23), Article 4502. https://doi.org/10.3390/molecules30234502
7. Soufiane EL Megdar, Asma Laktib, Raja Elkheloui, Hicham Abou Oualid, Camelia Filofteia Diguta, Florentina Matei, Sophie C. Gangloff, Fany Reffuveille, Fouad Msanda, Mohamed Hassi Fatima Hamadi (2025). „Optimizing Lavandula mairei-mediated silver nanoparticle synthesis for effective inhibition and eradication of multidrug-resistant bacterial biofilms". *COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS* 714. https://doi.org/10.1016/j.colsurfa.2025.136544
8. Valeria Cristina Bulgaru, Mihail Alexandru Gras, Aglaia Popa, Gina Cecilia Pistol, Ionelia Taranu Daniela Eliza Marin (2025). „Trends in Mycotoxins Co-Occurrence in the Complete Feed for Farm Animals in Southern Romania During 2021-2024 Period". *TOXINS* 17(4). https://doi.org/10.3390/toxins17040201

9. Nidhi Singh, Veer Singh, Vishal Mishra, Vivek K. Chaturvedi, Emanuel Vamanu Mohan P. Singh (2024). „Bacterial diversity in rice field soil and sludge soil samples: a comparative metagenomics-based study". *ENVIRONMENTAL RESEARCH COMMUNICATIONS* 6(11), Article 115024. https://doi.org/10.1088/2515-7620/ad9143
10. Corina Dumitrache, Mihaela Violeta Ghica, Mihai Frincu, Iuliana Diana Barbulescu, Mihaela Begea, Camelia Filofteia Diguta, Cornel Banita, Valeriu V. Cotea, Florentina Israel-Roming Razvan Ionut Teodorescu (2024). „Bioprocess Optimization by Taguchi Design and Response Surface Analysis for Obtaining Active Yeast Used in Vinification". *FERMENTATION-BASEL* 10(8), Article 413. https://doi.org/10.3390/fermentation10080413
11. Maria Denisa Cocirlea, Natalia Simionescu, Teodora Calin, Florentina Gatea, Georgiana Ileana Badea, Emanuel Vamanu Simona Oancea (2024). „Box-Behnken Design-Based Optimization of Extraction Parameters of Phenolics, Antioxidant Activity, and In Vitro Bioactive and Cytotoxic Properties of Rhus typhina Fruits". *APPLIED SCIENCES-BASEL* 14(23), Article 11096. https://doi.org/10.3390/app142311096
12. Veer Singh, Nidhi Singh, Sachchida Nand Rai, Vivek K. Chaturvedi, Santosh K. Singh, Ashish Kumar, Emanuel Vamanu Vishal Mishra (2024). „Chitosan functionalized recyclable and eco-friendly nanoadsorbent for Pb(II) adsorption from water". *NANOCOMPOSITES* 10(1), 214–226. https://doi.org/10.1080/20550324.2024.2347804
13. Priyanka Yadav, Vartika Mishra, Tejmani Kumar, Umesh Kumar Singh, Emanuel Vamanu Mohan Prasad Singh (2024). „Cleansing Tannery Effluent with Pleurotus opuntiae: A Green Solution for Environmental Restoration and Toxicity Evaluation". *WATER* 16(9), Article 1313. https://doi.org/10.3390/w16091313
14. Alexandru Cristian Grosu, Filofteia Camelia Diguta, Mircea-Cosmin Pristavu, Aglaia Popa, Florentina Badea, Mihaela Dragoi Cudalbeanu, Alina Ortan, Ioan Dopcea Narcisa Babeanu (2024). „Exploring the Phytochemical Profiles, and Antioxidant and Antimicrobial Activities of the Hydroethanolic Grape Pomace Extracts from Two Romanian Indigenous Varieties". *FERMENTATION-BASEL* 10(9), Article 470. https://doi.org/10.3390/fermentation10090470
15. Laura-Dorina Dinu, Florentina Gatea, Florentina Matei, Cristian Banciu Emanuel Vamanu (2024). „Gut Microbiota Modulation by Selenium and Zinc Enrichment Postbiotic on Dysbiosis Associated with Hypertension". *CURRENT VASCULAR PHARMACOLOGY* 22(5), 365–374. https://doi.org/10.2174/0115701611290537240509061549
16. Natia Joseph Kouadio, Alalet Luc Olivier Zady, Kouassi Aboutou Severin Kra, Filofteia Camelia Diguta, Sebastien Niamke Florentina Matei (2024). „In Vitro Probiotic Characterization of Lactiplantibacillus plantarum Strains Isolated from Traditional Fermented Dockounou Paste". *FERMENTATION-BASEL* 10(5), Article 264. https://doi.org/10.3390/fermentation10050264
17. Manoj Kumar Verma, Shiwangi Kesarwani, Veer Singh, Emanuel Vamanu Vishal Mishra (2024). „Isolation and characterization of arsenic resistant bacterial strian Kurthia gibsonii MKVVM3 IITBHU from Ganga river". *ENVIRONMENTAL RESEARCH COMMUNICATIONS* 6(10), Article 105030. https://doi.org/10.1088/2515-7620/ad85c6
18. Catalina Tudora, Florin Nenciu, Adriana Muscalu, Floarea Burnichi, Florentina Gatea, Oana Alina Boiu-Sicuia Florentina Israel-Roming (2024). „Pesticidal Potential of Essential Oil Obtained from

a New Variety of Marigold (Tagetes patula L., fam. Asteraceae)". *APPLIED SCIENCES-BASEL* 14(8), Article 3159. https://doi.org/10.3390/app14083159

19. Andrei Cristian Anghel, Ionelia Taranu, Alina Ortan, Simona Marcu Spinu, Mihaela Dragoi Cudalbeanu, Petronela Mihaela Rosu Narcisa Elena Babeanu (2024). „Polyphenols and Microbiota Modulation: Insights from Swine and Other Animal Models for Human Therapeutic Strategies". *MOLECULES* 29(24), Article 6026. https://doi.org/10.3390/molecules29246026
20. Raluca-Stefania Radoi-Encea, Vasile Padureanu, Camelia Filofteia Diguta, Marian Ion, Elena Brinduse Florentina Matei (2023). „Achievements of Autochthonous Wine Yeast Isolation and Selection in Romania-A Review". *FERMENTATION-BASEL* 9(5), Article 407. https://doi.org/10.3390/fermentation9050407
21. Sachchida Nand Rai, Divya Mishra, Payal Singh, Mohan P. Singh, Emanuel Vamanu Alexandru Petre (2023). „Biosynthesis and Bioapplications of Nanomaterials from Mushroom Products". *CURRENT PHARMACEUTICAL DESIGN* 29(13), 1002–1008. https://doi.org/10.2174/1381612829666230417083133
22. Mohan P. Singh, Nidhi Singh, Divya Mishra, Saba Ehsan, Vivek K. Chaturvedi, Anupriya Chaudhary, Veer Singh Emanuel Vamanu (2023). „Computational Approaches to Designing Antiviral Drugs against COVID-19: A Comprehensive Review". *CURRENT PHARMACEUTICAL DESIGN* 29(33), 2601–2617. https://doi.org/10.2174/0113816128259795231023193419
23. Wahauwouele Hermann Coulibaly, N'goran Richard Kouadio, Fatoumata Camara, Camelia Diguta Florentina Matei (2023). „Functional properties of lactic acid bacteria isolated from Tilapia (Oreochromis niloticus) in Ivory Coast". *BMC MICROBIOLOGY* 23(1), Article 152. https://doi.org/10.1186/s12866-023-02899-6
24. Divya Mishra, Ashish Mishra, Sachchida Nand Rai, Santosh Kumar Singh, Emanuel Vamanu Mohan P. Singh (2023). „In Silico Insight to Identify Potential Inhibitors of BUB1B from Mushroom Bioactive Compounds to Prevent Breast Cancer Metastasis". *FRONTIERS IN BIOSCIENCE-LANDMARK* 28(7), Article 151. https://doi.org/10.31083/j.fbl2807151
25. Iliassou Mogmenga, Marius Kounbesioune Somda, Cheik Amadou Tidiane Ouattara, Ibrahim Keita, Yerobessor Dabire, Camelia Filofteia Digua, Radu Cristian Toma, Lewis I. Ezeogu, Jerry O. Ugwuanyi, Aboubakar S. Ouattara Florentina Matei (2023). „Promising Probiotic Properties of the Yeasts Isolated from Rabile, a Traditionally Fermented Beer Produced in Burkina Faso". *MICROORGANISMS* 11(3), Article 802. https://doi.org/10.3390/microorganisms11030802
26. Veer Singh, Kumar Abhishek, Sachchida Nand Rai, Santosh K. Singh, Emanuel Vamanu Ashish Kumar (2023). „Source of Cr(VI) in the aquatic ecosystem, its genotoxic effects and microbial removal from contaminated water". *GREEN CHEMISTRY LETTERS AND REVIEWS* 16(1), Article 2267079. https://doi.org/10.1080/17518253.2023.2267079
27. Valentina Vasile, Adina Tirziu, Elena Nicolae, Matilda Ciuca Calina Petrua Cornea (2023). „SSR markers are useful tools in wheat varietal purity and genetic diversity assessment". *SEED SCIENCE AND TECHNOLOGY* 51(2), 145–156. https://doi.org/10.15258/sst.2023.51.2.01
28. Nicoleta Ene, Valeria Gabriela Savoiu, Maria Spiridon, Catalina Ileana Paraschiv Emanuel Vamanu (2023). „The General Composition of Polyhydroxyalkanoates and Factors that Influence their Production and Biosynthesis". *CURRENT PHARMACEUTICAL DESIGN* 29(39), 3089–3102. https://doi.org/10.2174/0113816128263175231102061920

29. Elisabeta Elena Popa, Elena Loredana Ungureanu, Mihaela Geicu-Cristea, Amalia Carmen Mitelut, Mihaela Cristina Draghici, Paul Alexandru Popescu Mona Elena Popa (2023). „Trends in Food Pathogens Risk Attenuation". *MICROORGANISMS* 11(8), Article 2023. https://doi.org/10.3390/microorganisms11082023
30. Jeenu Cherian, Amit Sehgal, Sandeep K. Singh, Emanuel Vamanu Mahendra P. Singh (2022). „2'-Hydroxyflavanone: A Bioactive Compound That Protects against Cancers". *APPLIED SCIENCES-BASEL* 12(19), Article 9543. https://doi.org/10.3390/app12199543
31. Sumaira Yousuf, Shabnam Shabir, Simran Kauts, Tarun Minocha, Ahmad A. A. Obaid, Anmar A. A. Khan, Abdulrahman Mujalli, Yahya F. F. Jamous, Sarah Almaghrabi, Bandar K. K. Baothman, Ahmed Hjazi, Sandeep K. K. Singh, Emanuel Vamanu Mahendra P. P. Singh (2022). „Appraisal of the Antioxidant Activity, Polyphenolic Content, and Characterization of Selected Himalayan Herbs: Anti-Proliferative Potential in HepG2 Cells". *MOLECULES* 27(23), Article 8629. https://doi.org/10.3390/molecules27238629
32. Elena L. Ungureanu, Gabriel Mustatea Mona Elena Popa (2022). „Assessment of Potentially Toxic Elements and Associated Health Risk in Bottled Drinking Water for Babies". *APPLIED SCIENCES-BASEL* 12(4). https://doi.org/10.3390/app12041914
33. Oana-Elena Pascariu Florentina Israel-Roming (2022). „Bioactive Compounds from Elderberry: Extraction, Health Benefits, and Food Applications". *PROCESSES* 10(11), Article 2288. https://doi.org/10.3390/pr10112288
34. Emanuel Vamanu (2022). „Bioactive Compounds from Natural Products: Separation, Characterization, and Applications". *APPLIED SCIENCES-BASEL* 12(8), Article 3922. https://doi.org/10.3390/app12083922
35. Catalina Stan (Tudora), Florin Nenciu, Adriana Muscalu, Valentin Nicolae Vladut, Floarea Burnichi, Carmen Popescu, Florentina Gatea, Oana Alina Boiu-Sicuia Florentina Israel-Roming (2022). „Chemical Composition, Antioxidant and Antimicrobial Effects of Essential Oils Extracted from Two New Ocimum basilicum L. Varieties". *DIVERSITY-BASEL* 14(12), Article 1048. https://doi.org/10.3390/d14121048
36. Sachchida Nand Rai, Neeraj Tiwari, Payal Singh, Anurag Kumar Singh, Divya Mishra, Mohd. Imran, Snigdha Singh, Etrat Hooshmandi, Emanuel Vamanu, Santosh K. Singh, Mohan P. Singh [No name] (2022). „Exploring the Paradox of COVID-19 in Neurological Complications with Emphasis on Parkinson's and Alzheimer's Disease". *OXIDATIVE MEDICINE AND CELLULAR LONGEVITY* 2022, Article 3012778. https://doi.org/10.1155/2022/3012778
37. Ionela Avram, Florentina Gatea Emanuel Vamanu (2022). „Functional Compounds from Banana Peel Used to Decrease Oxidative Stress Effects". *PROCESSES* 10(2), Article 248. https://doi.org/10.3390/pr10020248
38. Maria Rodica Gurau, Elena Negru, Teodor Ionescu, Anca Amalia Udriste, Calina Petruta Cornea Stelian Baraitareanu (2022). „Genetic Polymorphism at 15 Codons of the Prion Protein Gene in 156 Goats from Romania". *GENES* 13(8), Article 1316. https://doi.org/10.3390/genes13081316
39. Silvana Mihaela Danaila-Guidea, Mihaela Carmen Eremia, Laura Dorina Dinu Dana-Maria Miu (2022). „Helichrysum arenarium: From Cultivation to Application". *APPLIED SCIENCES-BASEL* 12(20), Article 10241. https://doi.org/10.3390/app122010241

40. Khushboo Guleria, Amit Sehgal, Irshad Ahmad Bhat, Sandeep Kumar Singh, Emanuel Vamanu Mahendra P. Singh (2022). „Impact of Altering the Ratio of Black Tea Granules and Ocimum gratissimum Leaves in a Binary Infusion on Radical Scavenging Potential Employing Cell Free Models and Ex Vivo Assays". *APPLIED SCIENCES-BASEL* 12(20), Article 10632. https://doi.org/10.3390/app122010632
41. Nidhi Singh, Veer Singh, Sachchida Nand Rai, Emanuel Vamanu Mohan P. Singh (2022). „Metagenomic Analysis of Garden Soil-Derived Microbial Consortia and Unveiling Their Metabolic Potential in Mitigating Toxic Hexavalent Chromium". *LIFE-BASEL* 12(12), Article 2094. https://doi.org/10.3390/life12122094
42. Medana Zamfir, Iulia-Roxana Angelescu, Catalina Voaides, Calina-Petruta Cornea, Oana Boiu-Sicuia Silvia-Simona Grosu-Tudor (2022). „Non-Dairy Fermented Beverages Produced with Functional Lactic Acid Bacteria". *MICROORGANISMS* 10(12), Article 2314. https://doi.org/10.3390/microorganisms10122314
43. Adriana Mirela Tache, Laura Dorina Dinu Emanuel Vamanu (2022). „Novel Insights on Plant Extracts to Prevent and Treat Recurrent Urinary Tract Infections". *APPLIED SCIENCES-BASEL* 12(5), Article 2635. https://doi.org/10.3390/app12052635
44. Mahendra P. Singh, Ranjana Himalian, Shabnam Shabir, Ahmad A. Obaid, Abdulhakeem S. Alamri, Charis M. Galanakis, Sandeep Kumar Singh Emanuel Vamanu (2022). „Protection of Phytoextracts against Rotenone-Induced Organismal Toxicities in Drosophila melanogaster via the Attenuation of ROS Generation". *APPLIED SCIENCES-BASEL* 12(19), Article 9822. https://doi.org/10.3390/app12199822
45. Laura-Dorina Dinu, Ovidiu Iordache Emanuel Vamanu (2022). „Scanning Electron Microscopy Study on the Biodeterioration of Natural Fiber Materials Compared to Disposable Hygiene and Sanitary Products". *FERMENTATION-BASEL* 8(6), Article 287. https://doi.org/10.3390/fermentation8060287
46. Oana Livadariu, Carmen Maximilian, Anca Daniela Raiciu Cristian-Paul Serbanica (2022). „The Assessment of the Type of Substrate and LEDs' Irradiation Influence on Garden Cress Sprouts (Lepidium sativum L.)". *APPLIED SCIENCES-BASEL* 12(9), Article 4732. https://doi.org/10.3390/app12094732
47. Laurentiu Mihai Palade, Constantin Croitoru, Camelia Albu, Gabriel Lucian Radu Mona Elena Popa (2021). „Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods". *SEPARATIONS* 8(12), Article 233. https://doi.org/10.3390/separations8120233
48. Emanuel Vamanu, Laura Dorina Dinu, Cristina Mihaela Luntraru Alexandru Suciu (2021). „In Vitro Coliform Resistance to Bioactive Compounds in Urinary Infection, Assessed in a Lab Catheterization Model". *APPLIED SCIENCES-BASEL* 11(9), Article 4315. https://doi.org/10.3390/app11094315
49. Florentina Gatea, Ionela Sarbu Emanuel Vamanu (2021). „In Vitro Modulatory Effect of Stevioside, as a Partial Sugar Replacer in Sweeteners, on Human Child Microbiota". *MICROORGANISMS* 9(3), Article 590. https://doi.org/10.3390/microorganisms9030590
50. Alexandru Petre, Mihaela Ene Emanuel Vamanu (2021). „Submerged Cultivation of Inonotus obliquus Mycelium Using Statistical Design of Experiments and Mathematical Modeling to

Increase Biomass Yield". *APPLIED SCIENCES-BASEL* 11(9), Article 4104. https://doi.org/10.3390/app11094104

51. Sachchida Nand Rai, Payal Singh, Harry W. M. Steinbusch, Emanuel Vamanu, Ghulam Ashraf Mohan Prasad Singh (2021). „The Role of Vitamins in Neurodegenerative Disease: An Update". *BIOMEDICINES* 9(10), Article 1284. https://doi.org/10.3390/biomedicines9101284
52. Sachchida Nand Rai, Neeraj Tiwari, Payal Singh, Divya Mishra, Anurag Kumar Singh, Etrat Hooshmandi, Emanuel Vamanu Mohan P. Singh (2021). „Therapeutic Potential of Vital Transcription Factors in Alzheimer's and Parkinson's Disease With Particular Emphasis on Transcription Factor EB Mediated Autophagy". *FRONTIERS IN NEUROSCIENCE* 15, Article 777347. https://doi.org/10.3389/fnins.2021.777347
53. Emanuel Vamanu, Laura Dorina Dinu, Diana Roxana Pelinescu Florentina Gatea (2021). „Therapeutic Properties of Edible Mushrooms and Herbal Teas in Gut Microbiota Modulation". *MICROORGANISMS* 9(6), Article 1262. https://doi.org/10.3390/microorganisms9061262

ISI Alb

1. Elisabeta Elena Popa, Laurentiu Mihai Palade, Violeta Alexandra Ion, Andreea Barbu, Oana Crina Bujor, Vlad Ioan Popa, Paul Alexandru Popescu, Amalia Carmen Mitelut, Mihaela Cristina Draghici, Mihaela Geicu-Cristea Mona Elena Popa (2024). „Variation in Nutritional Quality of By-Products from Nine Organic Apple Cultivars". *FOOD TECHNOLOGY AND BIOTECHNOLOGY* 62(4), 449–457. https://doi.org/10.17113/ftb.62.04.24.8418
2. Gulhan Tunc, Oana-Alina Boiu-Sicuia, Asli Sahiner, Volkan Kuzucu, Nazime Mercan Dogan Tomaz Langerholc (2023). „Biological activity of some Romanian and Turkish Trichoderma Pers. strains". *CRYPTOGAMIE MYCOLOGIE* 44(10), 135–145. https://doi.org/10.5252/cryptogamie-mycologie2023v44a10
3. Daniel Cristina, Matilda Ciuca, Vasile Mandea Calina-Petruta Cornea (2022). „Assessment of 25 genes reported to influence thousand grain weight in winter wheat germplasm". *CEREAL RESEARCH COMMUNICATIONS* 50(2), 237–243. https://doi.org/10.1007/s42976-021-00170-0
4. Citilina Stan (Tudora), Adriana Muscalu, Floarea Burnichi, Carmen Popescu, Florentina Gatea, Oana-Alina Sicuia, Nicolae Valentin Vladut Florentina Israel-Roming (2022). „Evaluation of essential oil and hydrolate from a new hyssop variety (Hyssopus officinalis L.)". *NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA* 50(2), Article 12639. https://doi.org/10.15835/nbha50212639
5. Simona Spinu, Alina Ortan Catalina Voaides (2022). „SHORT REVIEW ON BIOACTIVE COMPOUNDS RECOVERED FROM VEGETAL WASTE AS A NEW TOOL IN DIABETES, OBESITY AND DYSLIPIDAEMIA PREVENTION AND TREATMENT". *FARMACIA* 70(6), 1028–1036. https://doi.org/10.31925/farmacia.2022.6.4
6. Nicoleta Ene, Mariana-Gratiela Soare Vladu, Irina Lupescu, Ana-Despina Ionescu Emanuel Vamanu (2022). „The Production of Biodegradable Polymers-medium-chain-length Polyhy-droxyalkanoates (mcl-PHA) in Pseudomonas putida for Biomedical Engine-ering Applications". *CURRENT PHARMACEUTICAL BIOTECHNOLOGY* 23(8), 1109–1117. https://doi.org/10.2174/1389201022666210810114117

7. Silvana M. Danaila-Guidea, Elena Delian, Paul-Alexandru Popescu, Mihaela-Cristina Draghici, Gabriela-Lucica Margarit, Elisabeta E. Popa, Ioana-Catalina Nicolae Liliana Badulescu (2021). „Analysis of some physiological indicators in tomato plants to characterize the effects of additional lighting with blue, red and white LEDs". *NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA* 49(2), Article 12330. https://doi.org/10.15835/nbha49212330
8. Alina-Loredana Raducu (Popa), Aglaia Popa (Burlacu), Oana-Alina Boiu-Sicuia, Florentina Israel-Roming, Calina Petruta Cornea Stefana Jurcoane (2021). „Antimicrobial activity of camelina oil and hydroalcoholic seed extracts". *ROMANIAN BIOTECHNOLOGICAL LETTERS* 26(1), 2355–2360. https://doi.org/10.25083/rbl/26.1/2355.2360
9. Evelina Gherghina, Florentina Israel-Roming, Daniela Balan, Gabriela Luta, Aglaia Popa Marta Zachia (2021). „Assessment of vitamin content in different types of romanian cheese". *ROMANIAN BIOTECHNOLOGICAL LETTERS* 26(2), 2375–2383. https://doi.org/10.25083/rbl/26.2/2375.2383
10. Ancuta Cringasu (Barbieru), Matilda Ciuca, Cristina Daniel, Calina-Petruta Cornea, Gheorghe Ittu Elena-Laura Contescu (2021). „Characterization of Checo/F95-927 pea (Pisum sativum L.) population for winter frost tolerance using molecular markers". *ROMANIAN BIOTECHNOLOGICAL LETTERS* 26(1), 2262–2268. https://doi.org/10.25083/rbl/26.1/2262.2268
11. Natalita Ionescu (Bordei), Andreea-Miruna Neagu, Anca Daniela Raiciu, Mariana Popescu Oana Livadariu (2021). „Characterization of some vegetable oils in order to use them in the treatment of the varicose veins". *ROMANIAN BIOTECHNOLOGICAL LETTERS* 26(2), 2370–2374. https://doi.org/10.25083/rbl/26.2/2370.2374
12. Gabriela Popa, Radu Toma Jean-Francois Boe (2021). „Experimental approaches targeting the biochemical and antioxidant potential of Synsepalum dulcificum dried fruits". *ROMANIAN BIOTECHNOLOGICAL LETTERS* 26(1), 2230–2235. https://doi.org/10.25083/rbl/26.1/2230.2235
13. Alexandru Petre, Mihaela Ene, Daniel Constantin Negut, Florentina Gatea Emanuel Vamanu (2021). „The use of gamma irradiation to stimulate bioactive compound synthesis in Inonotus obliquus submerged cultures". *NUKLEONIKA* 66(3), 83–90. https://doi.org/10.2478/nuka-2021-0012
14. Anurag Kumar Singh, Sachchida Nand Rai, Anand Maurya, Gaurav Mishra, Rajendra Awasthi, Anshul Shakya, Dinesh Kumar Chellappan, Kamal Dua, Emanuel Vamanu, Sushil Kumar Chaudhary M. P. Singh (2021). „Therapeutic Potential of Phytoconstituents in Management of Alzheimer's Disease". *EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE* 2021, Article 5578574. https://doi.org/10.1155/2021/5578574

ISI Emerging Sources Citation Index

1. Andrei Cristian Anghel, Ionelia Taranu, Alina Ortan, Narcisa Elena Babeanu (2025). „ANTIMICROBIAL ACTIVITY OF MUSTARD SEED MEAL POLYPHENOLS". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 68(2)
2. Marian Toader, Nicoleta Radu, Verginica Schroder, Narcisa Elena Babeanu, Viviana Roman (2025). „ANTIMICROBIAL PROPERTIES OF SOME ALGAL DERIVED BIOPRODUCTS". *UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE* 87(2), 53–70

3. Paul-Alexandru Popescu, Wahauwouele Hermann Coulibaly, Yabo Majoie Geroxie Tohoyessou, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Mihaela Cristina Draghici, Amalia Carmen Mitelut, Mona Elena Popa (2025). „ASSESSMENT OF ANTIFUNGAL AND ANTIBACTERIAL ACTIVITY OF CINNAMON AND CLOVE ESSENTIAL OILS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(1), 878–884
4. Mihaela Cristina Draghici, Amalia Carmen Mitelut, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Paul-Alexandru Popescu, Alexandra Andreea Anghel, Mona Elena Popa (2025). „CONSUMER BEHAVIOR TOWARDS THE CONSUMPTION OF PROTEIN ENRICHED BAKERY PRODUCTS-A CONJOINT STUDY". *SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT* 25(2)
5. Mihai Frincu, Corina Dumitrache, Diana-Iuliana Barbulescu, Mihaela Begea, Carmen-Rodica Vrinceanu, Razvan-Ionut Teodorescu (2025). „CRAFTED BARREL - AGED BEER: TRADITION AND INNOVATION IN FLAVOR EVOLUTION - REVIEW". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 69(1)
6. Ritesh K. Tiwari, Ashish Kumar, Veer Singh, Sachchida N. Rai, Santosh K. Singh, Ghufran Ahmed, Emanuel Vamanu, Meenakshi Singh (2025). „Development of Effective Antileishmanial Herbal Drug from Withania Somnifera and Tinospora Cordifolia Extracts". *CURRENT TRADITIONAL MEDICINE* 11(2), Article e230124225958. https://doi.org/10.2174/0122150838268529231122053927
7. Laura-Dorina Dinu, Emanuel Vamanu (2025). „DYNAMIC CHANGES IN THE GUT MICROBIOTA DURING GALLIC ACID TREATMENT WITH BENEFITS FOR CARDIOVASCULAR HEALTH". *AGROLIFE SCIENTIFIC JOURNAL* 14(1), 34–40. https://doi.org/10.17930/AGL202513
8. Sorina Dinu, Lavinia-Diana-Nicoleta Buturuga-Barbu, Maria-Cristina Luminare, Daniel-Nicolae Cojanu, Viorel Fatu, Oana-Alina Boiu-Sicuia (2025). „EFFECT OF ESSENTIAL OILS ON QUALITY AND SHELF LIFE OF STRAWBERRIES DURING COLD STORAGE". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 69(1)
9. Ion Nitu, Elisabeta Elena Popa, Amalia Carmen Mitelut (2025). „EFFECTS OF MONTMORILLONITE-ENRICHED HYDROGELS ON LETTUCE MORPHOLOGY UNDER DROUGHT STRESS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 69(1)
10. Paula Capraru, Amalia Carmen Mitelut (2025). „EMERGING TECHNOLOGIES FOR REFORMULATING MEAT PRODUCTS-A REVIEW". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 68(2)
11. Maria-Cristina Luminare, Daniel-Nicolae Cojanu, Lavinia-Diana-Nicoleta Buturuga Barbu, Oana-Alina Boiu-Sicuia, Stelica Cristea (2025). „EVALUATION OF THE INHIBITORY EFFECT OF ESSENTIAL OILS AGAINST Fusarium sporotrichioides ISOLATED FOR THE FIRST TIME FROM STRAWBERRY PLANTS IN ROMANIA". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(1), 800–809
12. Gulhan Tunc, Fusun Ucar, Osman Telli, Nelson Lima, Oana-Alina Boiu-Sicuia (2025). „Fungal contaminants in Turkish bottled water and their mycotoxin-producing potential". *GMS HYGIENE AND INFECTION CONTROL* 20, Article Doc41. https://doi.org/10.3205/dgkh000570
13. Nicoleta Olimpia Cioara (Andrei), Amalia Carmen Mitelut (2025). „HALOPHYTE BIOACTIVE COMPOUNDS: A REVIEW OF THEIR CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITIES". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(1), 753–764

14. Nicoleta Olimpia Cioara (Andrei), Amalia Carmen Mitelut (2025). „HALOPHYTE BIOACTIVE COMPOUNDS: A REVIEW OF THEIR CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITIES". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(1), 753–764
15. Carmen-Rodica Vrinceanu (stoica), Raluca Andreea Ion, Marian Valentin Popescu, Florentina Matei, Camelia Filofteia Diguta, Iuliana Diana Barbulescu, Mihaela Begea, Razvan Ionut Teodorescu (2025). „MARKETING RESEARCH ON CONSUMER PREFERENCES FOR CRAFT BEER". *SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT* 25(1)
16. Alexandra Burlacu (Grigoras), Aglaia Popa, Florentina Israel-Roming (2025). „Optimisation of Enzyme Lignin Degradation Using Response Surface Methodology for Sustainable Lignocellulosic By-Products Management". *AGRIENGINEERING* 7(10), Article 314. https://doi.org/10.3390/agriengineering7100314
17. Mircea Cosmin Pristavu, Filofteia Camelia Diguta, Florentina Badea, Alexandru Constantin Aldea, Anna Copaloni, Florentina Matei (2025). „Pediococcus acidilactici MI129-DERIVED POSTBIOTIC FORMULATIONS: IN VITRO INSIGHTS INTO APPLICATIONS FOR HEALTH IMPROVEMENT". *AGROLIFE SCIENTIFIC JOURNAL* 14(1), 152–161
18. Sabina-Andreea Bobea, Livia Apostol, Cristian Florea, Filofteia Camelia Diguta, Alexandru Constantin Aldea, Mihai-Bogdan Nicolcioiu, Claudia Zoani, Calina Petruta Cornea (2025). „PRELIMINARY STUDY REGARDING THE REINTRODUCTION OF ANCESTRAL WHEAT IN THE BAKERY INDUSTRY". *AGROLIFE SCIENTIFIC JOURNAL* 14(1), 22–33
19. Catalina Tudora, Petru Cardei, Oana Alina Boiu-Sicuia, Adriana Muscalu, Nicolae-Valentin Vladut (2025). „STATISTICAL ANALYSIS OF THE ANTIFUNGAL ACTIVITY OF FOUR ESSENTIAL OILS AGAINST Botrytis cinerea". *AGROLIFE SCIENTIFIC JOURNAL* 14(1), 191–202
20. Magdalina Ursu, Nicoleta Radu, Lucia Camelia Pirvu, Narcisa Elena Babeanu, Raluca Madalina Senin, Mihaela Begea (2025). „STUDIES REGARDING THE ANTIOXIDANT ACTIVITY OF SOME BIOPRODUCTS OBTAINED FROM CURCUMA LONGA AND ZINGIBER OFFICINALE RHIZOMES". *SCIENTIFIC STUDY AND RESEARCH-CHEMISTRY AND CHEMICAL ENGINEERING BIOTECHNOLOGY FOOD INDUSTRY* 26(4), 471–484. https://doi.org/10.29081/ChIBA.2025.643
21. Marilena-Gabriela Olteanu Zaharie, Nicoleta Radu, Narcisa Elena Babeanu, Marinela Bostan, Viviana Roma (2025). „STUDIES REGARDING THE CYTOTOXICITY OF A BIOPRODUCTS BASED ON POLYSACCHARIDES DERIVED FROM PLANTAGO SP.". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 69(1)
22. Daniel Nicolae Cojanu, Maria Cristina Luminare, Oana Alina Boiu-sicuia, Lavinia Diana Nicoleta Buturuga-barbu, Carmen Mihaela Botea, Calina Petruta Cornea (2025). „SUSTAINABLE POTATO PEST AND DISEASE MANAGEMENT: GLOBAL INNOVATIVE PRACTICES WITH A FOCUS ON ROMANIA". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(2)
23. Raluca Ciubotarasu, Monica Luminita Badea, Oana Livadariu, Mihaela Paraschiv, Dorel Hoza (2025). „THE CHEMICAL COMPOSITION OF THE ESSENTIAL OIL AND ASSOCIATED HYDROSOL OBTAINED FROM TWO PLANTS OF THE ASTERACEAE FAMILY, SANTOLINA CHAMAECYPARISSUS L. AND TANACETUM VULGARE L.". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 69(1)

24. Alexandru Iulian Toma, Ricuta Vasilica Dobrinoiu (2025). „THE EVALUATION OF FERTILIZATION SCHEMES OPTIMISATION AT TWO ROW BARLEY CROP IN ORDER TO INCREASE THE HARVEST PROCESSING VALUE". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(1), 666–672
25. Eugenia Gherghina (Maresi), Madalina Militaru, Madalina Butac, Dorel Hoza (2025). „THE IMPACT OF CLIMATE CHANGES ON THE PHENOLOGICAL DYNAMICS OF SOME PEAR VARIETIES IN THE MARACINENI AREA, ROMANIA". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 69(1)
26. Florenta (Jafri) Paraschiv, Oana-Alina Boiu-Sicuia, Beatrice Michaela Iacomi (2025). „THE INHIBITORY EFFECT OF LAVENDER COMPOST EXTRACTS ON VARIOUS PATHOGENS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(2)
27. Florenta (Jafri) Paraschiv, Oana-Alina Boiu-Sicuia, Beatrice Michaela Iacomi (2025). „THE INHIBITORY EFFECT OF LAVENDER COMPOST EXTRACTS ON VARIOUS PATHOGENS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 68(2), 1016–1026
28. Alexandru S. Barcan, Joseph L. Humble, Sandeep Kasaragod, Mohammad Saiful Islam Sajib, Rares A. Barcan, Philip Mcginnity, Timothy J. Welch, Brendan Robertson, Emanuel Vamanu, Antonella Bacigalupo, Martin S. Llewellyn, Francisca Samsing (2025). „Understanding the transfer and persistence of antimicrobial resistance in aquaculture using a model teleost gut system". *ANIMAL MICROBIOME* 7(1), Article 18. https://doi.org/10.1186/s42523-025-00377-0
29. Paul-Alexandru Popescu, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Mihaela Cristina Draghici, Amalia Carmen Mitelut, Mona Elena Popa (2024). „ADVANCES IN BIO-BASED FOOD PACKAGING MATERIALS - A REVIEW". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 67(2), 507–514
30. Simona-Ioana Marculescu, Alexandru Badea, Razvan Ionut Teodorescu, Mihaela Begea, Mihai Frincu, Iuliana Diana Barbulescu (2024). „APPLICATION OF ARTIFICIAL INTELLIGENCE TECHNOLOGIES IN VITICULTURE". *SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT* 24(1), 563–578
31. Bogdan Tache, Roxana Spulber, Emanuel Vamanu (2024). „BOOSTING BEE HEALTH: THE ROLE OF PROBIOTICS, PREBIOTICS, AND POSTBIOTICS". *AGROLIFE SCIENTIFIC JOURNAL* 13(1), 180–193
32. Quthama Al-Zaidi, Adelina Georgiana Matache, Laura-Dorina Dinu, Eleonora Calzoni, Florentina Matei (2024). „DEVELOPMENT OF THE LACTIC ACID PERMEABILIZER v-qPCR TECHNIQUE FOR Salmonella spp. DETECTION AND QUANTIFICATION". *AGROLIFE SCIENTIFIC JOURNAL* 13(1), 9–14. https://doi.org/10.17930/AGL202411
33. Daniela Balan, Gabriela Luta, Maria Stanca, Ovidiu Jerca, Stefana Jurcoane, Carmen Gaidau, Mihaela Niculescu, Aykut Sancakli, Aysegul Uzuner Demir (2024). „EFFECT OF BIOSTIMULANT TREATMENT ON THE ANTIOXIDANT ACTIVITY IN TOMATO FRUIT". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(2), 393–400
34. Ion Nitu, Elisabeta Elena Popa, Elena Manaila, Silvana Danaila-guidea, Mihaela Geicu-cristea, Mona Elena Popa, Mihaela Cristina Draghici, Paul Alexandru Popescu, Amalia Carmen Mitelut (2024). „EFFECT OF MONTMORILLONITE BASED HYDROGELS APPLICATION ON MORPHOLOGICAL CHARACTERISTICS OF LETTUCE SEEDLINGS (LACTUCA SATIVA)". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(2), 527–533
35. Evelina Gherghina, Gabriela Luta, Daniela Balan, Stefana Jurcoane (2024). „ENHANCING OF BIOAVAILABILITY OF VALUABLE COMPOUNDS FROM GRAPE POMACE BY ENZYMATIC TREATMENT". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(1), 292–299

36. Lavinia-Diana-Nicoleta Barbu, Oana Livadariu, Oana-Alina Boiu-sicuia, Aurora Dobrin, Violeta Alexandra Ion, Carmen Gabriela Constantin, Narcisa-Elena Babeanu (2024). „EVALUATION OF ASEPTIC AND NON-ASEPTIC SYSTEMS AND SUBSTRATE EFFECTS ON SORREL MICROPLANTS CULTIVATED UNDER LED IRRADIATION". *AGROLIFE SCIENTIFIC JOURNAL* 13(2), 55–64. https://doi.org/10.17930/AGL202425
37. Daniel-Nicolae Cojanu, Maria-Cristina Luminare, Oana Mina Boiu-Sicuia, Calina Petruta Cornea (2024). „EVALUATION OF NATIVE BACTERIAL STRAINS AS PLANT GROWTH PROMOTERS FOR GREENHOUSE TOMATOES". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(1), 732–737
38. Laura-Dorina Dinu, George Adrian Cojocaru, Cornel Banita, Emanuel Vamanu, Arina Oana Antoce (2024). „EVALUATION OF THE POLYPEHNOL EXTRACTS FROM VINE CANES (Vitis vinifera L.) OBTAINED BY AN IMPROVED EXTRACTION METHOD". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(1), 278–282
39. Florentina Badea, Mircea Cosmin Pristavu, Constantin Alexandru Aldea, Florentina Israel-Roming, Florentina Matei (2024). „IN VITRO SCREENING OF LACTIC ACID BACTERIA AS BIOCONTROL AGENTS FOR BIOPRESERVATION OF PERISHABLE AGRO-FOOD PRODUCTS". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 67(2), 427–438
40. Alexandru Iulian Toma, Ricua Vasilica Dobrinoiu, Mihai Gidea (2024). „INFLUENCE OF THE TECHNOLOGICAL PRACTICES OPTIMIZATION ON THE YIELD COMPONENTS AT TWO-ROW BARLEY FOR BEER IN THE NORD-WESTERN CONDITIONS OF THE ROMANIAN PLAIN". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 67(1), 725–733
41. Emanuel Vamanu (2024). „NOVEL EXTRACTS FROM Boletus edulis FOR FUNCTIONAL PRODUCT DEVELOPMENT". *AGROLIFE SCIENTIFIC JOURNAL* 13(2), 291–299. https://doi.org/10.17930/AGL2024226
42. Iuliana Diana Barbulescu, Raluca Stefania Rdoi-Encea, Corina Dumitrache, Mihaela Violeta Ghica, Mihai Frincu, Mihaela Begea, Valerica Tudor, Elena-Mirela Boroiu, Razvan Ionut Teodorescu (2024). „OPTIMISATION OF CULTURE MEDIA FACTORS FOR ACTIVE WINE YEAST BIOMASS PRODUCTION". *SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION SURVEYING ENVIRONMENTAL ENGINEERING* 13, 866–875
43. Mihai Frincu, Corina Dumitrache, Andrei Catalin Petre, Iuliana Diana Barbulescu, Razvan Ionut Teodorescu (2024). „PHYSICO-CHEMICAL COMPOSITION OF DIFFERENT GRAPE VARIETIES FROM PIETROASA VINEYARD". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(2), 317–324
44. Georgia Olaru, Elena Popa, Mona Popa (2024). „RESEARCH ON EFFECT OF ACTIVE AND SUSTAINABLE ANTIMICROBIAL PACKAGING ON GROUND BEEF". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 67(2), 494–498
45. Amalia Carmen Mitelut, Ion Nitu, Elena Manaila, Elisabeta Elena Popa, Silvana Danaila-Guidea, Mihaela Geicu-Cristea, Mihaela Cristina Draghici, Paul Alexandru Popescu, Mona Elena Popa (2024). „RESEARCH ON THE BIODEGRADABILITY AND ECOTOXICITY OF SOME BIOHYDROGELS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 67(1), 850–856
46. Ricuta Vasilica Dobrinoiu, Silvana Mihaela Danaila-Guidea, Luminita Valerica Visan (2024). „RESEARCH ON THE EVOLUTION OF THE PHYSICAL AND MECHANICAL PARAMETERS OF PAULOWNIA FIBER UNDER DIFFERENT PLANTING AND FERTILIZATION CONDITIONS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(1), 749–759

47. Alexandru Iulian Toma, Ricuta Vasilica Dobrinoiu, Mihai Gidea (2024). „RESEARCH ON THE INFLUENCE OF THE CULTIVATED GENOTYPE AND THE SOWING SCHEME ON THE GRAINS QUALITATIVE PARAMETERS AT TWO-ROW BARLEY". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 67(2), 427–432
48. Oana-Alina Boiu-Sicuia, Inna Rastimesina, Olga Postolachi, Svetlana Bacal, Galina Busmachiu (2024). „SAPROXYLIC INSECTS AND FUNGI IN FORESTS OF THE REPUBLIC OF MOLDOVA". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 67(1), 769–774
49. Elena Maria Draghici, Elena Dobrin, Adrian Chira, Lenuta Chira, Daniela Balan, Gabriela Luta (2024). „STUDY REGARDING THE INFLUENCE OF SOME TECHNOLOGICAL FACTORS ON THE QUALITY OF SWEET POTATO PLANTING MATERIAL". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(2), 442–449
50. Dheeraj Pandey, Harbans Kaur Kehri, Sachchida Nand Rai, Shweta Chaturvedi, Santosh Kumar Singh, Emanuel Vamanu (2024). „The Consequence of Arsenic Remediation through potential indigenous Rhizospheric Microbes". *BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY* 56, Article 103030. https://doi.org/10.1016/j.bcab.2024.103030
51. Ricuta Vasilica Dobrinoiu, Silvana Mihaela Danaila-Guidea, Paul Alexandru Popescu (2024). „THE EFFECT OF OPTIMIZING TECHNOLOGICAL PRACTICES ON THE INCREASE OF BIOMASS PRODUCTION AND CARBON SEQUESTRATION RATE TO PAULOWNIA SSP.". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(1), 738–748
52. Mihaela Multescu, Iulia-Elena Susman, Alina Culetu, Medana Zamfir, Angel MARTiNEZ Sanmartin, Florentina Israel-roming (2024). „THE INFLUENCE OF STARTER CULTURES OF LACTIC ACID BACTERIA ON FERMENTATION OF WHITE CABBAGE". *AGROLIFE SCIENTIFIC JOURNAL* 13(2), 300–309
53. Indira Galit, Nicoleta Radu, Narcisa Babeanu, Oana Coman (2024). „VALUABLE COMPOUNDS DERIVED FROM CUCURBITACEAE SUBPRODUCTS AND POTENTIAL WAYS OF ITS VALORIZATION". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(1), 766–778
54. Silvana Mihaela Danaila-guidea, Ecaterina Damian, Ricuta-Vasilica Dobrinoiu, Monica Enache, Gabriela Popa, Valerica-Luminita Visan (2024). „VEGETATIVE PROPAGATION SYSTEM FOR HELICHRYSUMITALICUM PLANTS WITH ORNAMENTAL AND MEDICINAL PROPERTIES". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 68(2), 653–660
55. Mihaela Cristina Draghici, Mihaela Geicu-Cristea, Elisabeta Elena Popa, Paul-Alexandru Popescu, Amalia Carmen Mitelut, Mona Elena Popa (2023). „A REVIEW OF PLANT-BASED, HIGH PROTEIN SNACK BARS: COMPOSITION, NUTRITIONAL VALUE AND HEALTH BENEFITS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 67(1), 579–584
56. Mihaela Zugravu, Aglaia Popa, Liliana Badulescu, Florentina Israel-roming (2023). „A REVIEW ON THE ROLE OF MICROBIAL COMMUNITIES IN MAINTAINING PLANT AND SOIL HEALTH". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 67(2), 579–588
57. Gabriela-Lucica Margarit, Radu Cristian Toma, Diana Groposila-Constantinescu, Dana Barba, Gabriela Popa (2023). „ANALYSIS OF RAW DATA RETURNED BY MOST USED ONLINE PUBLIC OPINION POLLS TOOLS". *SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT* 23(2), 437–448

58. Amidou S. Ouili, Camelia Filofteia Diguta, Ynoussa Maiga, Cheik Omar Tidiane Compaore, Aboubakar Sidiki Ouattara, Florentina Israel-Roming, Florentina Matei (2023). „ANTIFUNGAL ACTIVITY OF Pediococcus pentosaceus ISOLATED FROM BAMBARA GROUNDNUT (Vigna subterranea (L.) Verdc.) SEEDS AGAINST Aspergillus flavus". *AGROLIFE SCIENTIFIC JOURNAL* 12(2), 125–133
59. Ion Nitu, Amalia Carmen Mitelut (2023). „APPLICATION OF SUPERABSORBENT POLYMERS IN THE AGRICULTURE AND THE IMPORTANCE OF THEIR BIODEGRADABILITY- A REVIEW". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 67(1), 817–826
60. Elisabeta Elena Popa, Mihaela Geicu-Cristea, Roxana Elena Alecu, Amalia Carmen Mitelut, Maria Rapa, Camelia Diguta, Paul Alexandru Popescu, Mihaela Cristina Draghici, Mona Elena Popa (2023). „BIODEGRADABLE ACTIVE PACKAGING APPLICATION ON FRESH MINCED BEEF". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 66(2), 559–564
61. Ioana Loredana Stanciu, Mihaela Geicu-Cristea, Elisabeta Elena Popa, Paul Alexandru Popescu, Mihaela Cristina Draghici, Amalia Carmen Mitelut, Mona Elena Popa (2023). „EFECTS OF SOME DRYING METHODS ON THE CONTENT IN BIOACTIVE COMPOUNDS IN SEA BUCKTHORN BY-PRODUCTS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 67(1), 846–853
62. Gabriela Popa, Silvana Danaila-guidea, Ecaterina Damian, Gabriela Margarit, Diana Groposila-constantinescu (2023). „EVALUATION OF BIOACTIVE COMPOUNDS WITH ANTIOXIDANT ACTIVITY OF HELICHRYSUM ARENARIUM (L.) MOENCH. INFLORESCENCES EXTRACTS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 67(2), 152–158
63. Ionut Nicolae Ranga, Daniela-Mihaela Grigore, Jamila Yehmed, Elena-Narcisa Pogurschi (2023). „EVALUATION OF DATA CONCERNING THE PRODUCT OPTIMISATION OF THE ACID DAIRY PRODUCTS". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 66(2), 565–571
64. Constanta Mihai, Corina Dumitrache, Ionut Razvan Teodorescu, Mihai Cristian Pomohaci, Ayman Abdel Mohsen Hassan, Georgeta Carmen Nicolae, Filofteia Camelia Diguta, Florentina Matei (2023). „EVALUATION OF THE PROBIOTIC SUPPLEMENT Saccharomyces cerevisiae BB06 AS A BENEFICIAL GROWTH PROMOTER FOR CARP (Cyprinus carpio) IN RECIRCULATING AQUACULTURE". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 66(2), 633–644
65. Raluca Elena Urmuzache, Daniel-Cornel Banita, Florentina Israel Roming, Iuliana-Diana Barbulescu, Mihaela Begea, Mihai Frincu, Corina Dumitrache, Valerica Tudor, Petruta Mihaela Matei, Dumitru Dragotoiu, Razvan Inonut Teodorescu (2023). „EVOLUTION OF CIS AND TRANS-RESVERATROL IN WINES OBTAINED THROUGH INOCULATION WITH ACTIVE DRY YEAST AT PIETROASA VINEYARD". *AGROLIFE SCIENTIFIC JOURNAL* 12(1), 222–228
66. Mihai Frincu, Corina Dumitrache, Andrei-Catalin Petre, Andrei Mot, Razvan Ionut Teodorescu, Diana Iuliana Barbulescu, Valerica Tudor, Florentina Matei (2023). „PHYSICO-CHEMICAL CHARACTERIZATION OF SOME SOURCES OF GRAPE MARC FROM PIETROASA VINEYARD". *AGROLIFE SCIENTIFIC JOURNAL* 12(1), 81–86
67. Indira Galit, Nicoleta Radu, Narcisa Babeanu (2023). „PRELIMINARY STUDIES REGARDING THE POTENTIALLY EFFECT OF EXTRACTS FROM Citrullus lanatus PEELS ON SOME CEREAL`S AND FRUIT'S PATHOGENS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 66(1), 322–328

68. Oana-Alina Boiu-sicuia, Radu-Cristian Toma, Camelia-Filofteia Diguta, Calina Petruta Cornea (2023). „PROMISING BIOFERTILISING ENDOPHYTES AS HUMAN PATHOGENS SUPPRESSOR AGENTS". *AGROLIFE SCIENTIFIC JOURNAL* 12(1), 21–27
69. Mihaela Cristina Draghici, Elisabeta Elena Popa, Paul Alexandru Popescu, Mihaela Geicu-cristea, Amalia Carmen Mitelut, Mona Elena Popa (2023). „QUANTITATIVE RESEARCH FOR CONSUMER PERCEPTIONS ON VEGETAL PROTEIN-RICH, NUTRITIONALLY BALANCED PRODUCTS". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 66(1), 69–75
70. Daniela-Mihaela Grigore, Narcisa Elena Pogurschi, Ionut Ranga, Narcisa Babeanu (2023). „RED YEAST β-CAROTENE CONTENT: DEVELOPING EXTRACTION AND DETERMINATION FOR IMPROVING POULTRY NUTRITION". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 66(1), 87–92
71. Mihaela Cristina Draghici, Mihaela Geicu-Cristea, Elisabeta Elena Popa, Amalia Carmen Mitelut, Paul Alexandru Popescu, Urszula Tylewicz, Marco Dalla Rosa, Mona Elena Popa (2023). „RESEARCH ON BLANCHING PRETREATMENT AND FREEZING TECHNOLOGY EFFECT ON SELECTED VEGETABLES". *AGROLIFE SCIENTIFIC JOURNAL* 12(2), 69–76
72. Emanuel Vamanu, Mihai Ioan Pop, Iulia Octavia Pop, Shailendra Kumar Mishra, Sandeep Kumar Singh (2023). „THERAPEUTIC POTENTIAL OF FUNCTIONAL PRODUCT BASED ON WILD EDIBLE MUSHROOMS". *AGROLIFE SCIENTIFIC JOURNAL* 12(1), 229–235
73. Ion Nitu, Silvana Danaila-Guidea, Elena Manaila, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Mihaela Cristina Draghici, Paul Alexandru Popescu, Mona Elena Popa, Amalia Carmen Mitelut (2023). „WATER STRESS MANAGEMENT USING HYDROGELS AND THEIR IMPACT ON PLANT BIOCHEMICAL COMPOSITION OF LACTUCA SATIVA". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 67(2), 527–533
74. Mircea-Cosmin Pristavu, Camelia Diguta, Wahauwouele Hermann Coulibaly, Sandrine A. Youte Fanche, Getuta Dopcea, Florentina Matei (2022). „A REVIEW OF POSTBIOTICS AS NEW HEALTH PROMOTERS". *AGROLIFE SCIENTIFIC JOURNAL* 11(2), 142–152
75. Catalina Stan (tudora), Adriana Muscalu, Valentin Nicolae Vladut, Carmen Popescu, Floarea Burnichi, Florentina Israel-Roming (2022). „COMPARATIVE STUDY OF ESSENTIAL OILS OBTAINED FROM TWO BASIL TAXA". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 65(1), 526–532
76. Radu Cristian Toma, Camelia Filofteia Diguta, Oana Alina Boiu-Sicuia, Mihai Frincu, Calina Petruta Cornea (2022). „DIGITAL APPLICATION FOR REMOTE CONTROL OF BACTERIAL ENDOPHYTES GROWTH IN BIOREACTOR VIA INTERNET AS A DESIGN SOLUTION TO A VIRTUAL LABORATORY". *SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION SURVEYING ENVIRONMENTAL ENGINEERING* 11, 517–524
77. Maria Rodica Gurau, Dana Mihaela Cretu, D. Cobzariu, F. Otelea, Elena Negru, T. Ionescu, Anca Amalia Udriste, Petruta Cornea, S. Baraitareanu (2022). „DNA ISOLATION FROM WHOLE BLOOD AND HAIR FOLLICLE SAMPLES IN CARPATHIAN GOATS". *REVISTA ROMANA DE MEDICINA VETERINARA* 32(1), 35–40
78. Gabriela Luta, Roxana Maria Madjar, Daniela Balan, Gina Vasile Scaeteanu, Nicolaie Ionescu (2022). „EFFECT OF FOLIAR FERTILIZATION ON THE QUALITY PARAMETERS OF WHEAT AND MAIZE CROPS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 65(1), 396–401
79. Iuliana-Diana Barbulescu, Corina Dumitrache, Camelia Filofteia Diguta, Mihael Begea, Petruta Mihaela Matei, Mihai Frincu, Simona-Ioana Marculescu, Alexandru Ionut Ciric, Valerica Tudor,

Elena Mirela Boroiu, Razvan Ionut Teodorescu (2022). „EVOLUTION AT THE MICROFERMENTER LEVEL OF THE GROWTH DYNAMICS OF Saccharomyces cerevisiae AND Starmella bacillaris YEASTS WITH POTENTIAL FOR USE IN WINEMAKING AT THE PIETROASA WINERY". *AGROLIFE SCIENTIFIC JOURNAL* 11(2), 9–16

80. Ana Valentina Ardelean, Ana-Maria Morosanu, Ioan Ardelean, Cristina Moisescu, Calina Petruta Cornea (2022). „GOLD NANOPARTICLES SYNTHESIS BY GREEN MICROALGAE AND THE CYANOBACTERIUM Synechocystis PCC 6803 IN LIGHT AND IN DARKNESS, AND POLLUTANTS DEGRADATION BY THESE NANOPARTICLES IN VITRO". *AGROLIFE SCIENTIFIC JOURNAL* 11(1), 9–17
81. Daniela Mihaela GRIGORE, Georgeta CIURESCU, Nicoleta RADU, Narcisa BABEANU (2022). „HEALTH STATUS, PERFORMANCE AND CARCASS CARACTERISTICS OF BROILER CHICKS SUPPLEMENTED WITH YEASTS BIOPRODUCTS". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 65(1), 140–149
82. Paul-Alexandru Popescu, Vlad Ioan Popa, Mihai frincu, Amalia Carmen Mitelut, Elisabeta Elena Popa, Mona Elena Popa (2022). „IN VITRO RESEARCH STUDY ON THE ANTIMICROBIAL ACTIVITY OF SEA BUCKTHORN, BLACK CUMIN AND GRAPE SEED ESSENTIAL OILS AGAINST SELECTED FOOD SPOILAGE FUNGI". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 66(1), 857–862
83. Gabriela Popa, Valentin Zagrean, Canna Petruta Cornea, Gabriela Sovarel, Bogdan Mihai Nicolcioiu, Ionul Rusu (2022). „INCREASING THE NUTRITIONAL QUALITY OF PLEUROTUS ERYNGII BY GAMMA IRRADIATION OF LIVING MYCELIUM". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 66(1), 507–512
84. Elisabeta Elena Popa, Mihaela Geicu-Cristea, Paul Alexandru Popescu, Amalia Carmen Mitelut, Mihaela Cristina Draghici, Silvana Mihaela Danaila-Guidea, Mona Elena Popa (2022). „METHODS USED FOR ECOTOXICITY ASSESSMENT OF POLYMERIC PACKAGING MATERIALS". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 65(1), 691–696
85. Paul-Alexandru Popescu, Ioana-Catalina Nicolae, Amalia Carmen Mitelut, Elisabeta Elena Popa, Mihaela Cristina Draghici, Valerica Luminita Visan, Mona Elena Popa (2022). „MINIMALLY PROCESSING AND PRESERVATION METHODS FOR SHELF-LIFE PROLONGING OF DIFFERENT TYPES OF FRUITS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 66(1), 863–871
86. Ioana Stanciu, Ruxandra Dima, Elisabeta Elena Popa, Mona Elena Popa (2022). „NUTRITIONAL CHARACTERIZATION OF ORGANIC SEABUCKTHORN POMACE". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 66(1), 913–918
87. Sorin NITU, Mihaela GEICU-CRISTEA, Ionut RANGA, Daniela BALAN, Florentina MATE (2022). „OBTAINING AN ASSORTMENT OF FRESH CHEESE BY COAGULATION WITH LETTUCE (LACTUCA SATIVA) EXTRACT". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 65(1), 525–535
88. Maria Rodica Gurau, F. Otelea, Dana Mihaela Cretu, Elena Negru, T. Ionescu, Anca Amalia Udriste, Petrua Cornea, S. Baraitareanu (2022). „PCR DETECTION METHOD AND SANGER SEQUENCING FOR PRNP GOAT SUSCEPTIBILITY". *REVISTA ROMANA DE MEDICINA VETERINARA* 32(2), 43–47
89. Elisabeta Elena Popa, Alexandra Andreea Anghel, Ioana Stanciu, Amalia Carmen Mitelut, Paul Alexandru Popescu, Mihaela Cristina Draghici, Mihaela Geicu-cristea, Mona Elena Popa (2022). „PRELIMINARY RESEARCH ON USING ORGANIC SEA BUCKTHORN POWDER IN BREAD MAKING". *AGROLIFE SCIENTIFIC JOURNAL* 11(2), 136–141

90. Carmen-Rodica Vrinceanu, Iuliana Diana Barbulescip, Florentina MateI, Mihaela Begea, Valerica Tudor, Mihai Frincu, Razvan Ionut Teodorescu (2022). „REVIEW: ACTUAL APPROACHES FOR THE CRAFT BEER FERMENTATIONS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 66(1), 944–949
91. Oana Andreea Cheoafa, Diana Constantinescu-Aruxandei, Dania Gabriela Popa, Luminita Dimitriu, Florin Oancea, Calina Petruta Cornea (2022). „SCREENING OF BACTERIAL CONSORTIA FOR A BIOAUGMENTED BIOASSAY OF FLUSHABLE WIPES BIODEGRADATION". *AGROLIFE SCIENTIFIC JOURNAL* 11(1), 27–36
92. Catalina Stan (Tudora), Petru Cardei, Adriana Muscalu, Oana-Alina Boiu-Sicuia, Nicolae-Valentin Vladut, Florentina Israel-Roming (2022). „STATISTICAL ANALYSIS ON THE POTENTIAL ANTIFUNGAL ACTIVITY OF SOME ESSENTIAL OILS OBTAINED FROM MEDICINAL PLANTS". *AGROLIFE SCIENTIFIC JOURNAL* 11(1), 211–220
93. Elena Mirela Dusa, Oana Sicuia, Vasilica Stan (2022). „STUDY ON THE EFFECTS OF FERTILIZATION ON THE ABUNDANCE OF SOIL MICROBIAL COMMUNITY, ITS COMPOSITION AND ANTIFUNGAL EFFICACY". *AGROLIFE SCIENTIFIC JOURNAL* 11(2), 39–51
94. Iuliana Diana Barbulescu, Alexandru Ionut Ciric, Mihaela Begea, Petruta Mihaela Matei, Alexandru Moisac, Adriana Nita, Mihai Frincu, Cornel-Daniel Banita, Razvan Ionut Teodorescu, Valerica Tudor, Corina Dumitrache (2022). „TAMAIOASA ROMANEASCA AND BUSUIOACA DE BOHOTIN GRAPES- VALUABLE SOURCES FOR WINE PRODUCTION". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 66(2), 171–176
95. Adina Alexandra BAICU, Elisabeta Elena POPA, Mona Elena POPA (2022). „UNDERSTANDING THE PERCEPTION AND BEHAVIOUR OF ROMANIAN CONSUMERS REGARDING THE USE OF NANOTECHNOLOGY IN FOOD AND FOOD PACKAGING". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 65(1), 457–470
96. Sorin Nitu, Mihaela Geicu-Cristea, Florentina Matei (2021). „A PRELIMINARY STUDY ON THE POTENTIAL OF ROMANIAN NATIVE FLORA TO OBTAIN MILK-CLOTTING PLANT PROTEASES". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 64(2), 359–366
97. Gabriela Popa, Bogdan Mihai Nicolcioiu, Radu Toma, Gabriela Margarit, Diana Groposila-Constantinescu (2021). „ASSESSMENT OF THE GROWTH POTENTIAL IN LIQUID CULTURES OF SOME EDIBLE AND MEDICINAL MUSHROOMS". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE* 65(2), 156–161
98. Oana-Alina Boiu-Sicuia, Calina Petruta Cornea (2021). „BACTERIAL STRAINS INVOLVED IN SOILBORNE PHYTOPATHOGENS INHIBITION". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 64(1), 641–646
99. Silvana Mihaela Danaila-Guidea, Gabriela Neata, Paul-Alexandru Popescu, Elisabeta Elena Popa, Mihaela-Cristina Draghici, Ricuta-Vasilica Dobrinoiu, Ioana-Catalina Nicolae, Valerica-Luminita Visan (2021). „BIOCHEMICAL CHANGES, INDUCED BY LED LIGHT, IN TOMATO PLANTS, GROWN IN THE INTEGRATED MANAGEMENT SYSTEM (SMI) OF AGROECOSYSTEM RESISTANCE". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 64(1), 669–680
100. Laura-Simona Irimescu, Celia Guerrero Olivares, Camelia Iustina Preda, Camelia Filofteia Diguta, Gabriela Luta, Daniela Balan, Florentina Matei (2021). „CHARACTERISATION OF THE ANTIMICROBIAL AND ANTIOXIDANT PROFILE OF Phalaenopsis ORCHID WASTES". *AGROLIFE SCIENTIFIC JOURNAL* 10(1), 101–108

101. Petruta Mihaela Matei, Iuliana Diana Barbulescu, Dumitru Dragotoiu, Valerica Tudor, Mihaela Begea, Razvan Ionut Teodorescu (2021). „CHARACTERIZATION OF PHYTOCHEMICALS PRESENT IN WINERY BY-PRODUCTS WITH NUTRITIONAL POTENTIAL FOR ITS USE AFTER THE AGRO-INDUSTRIAL PROCESS". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 64(1), 182–190
102. Maria Rodica Gurau, Dana Mihaela Cretu, Elena Negru, T. Ionescu, Anca Amalia Udriste, Petruta Cornea, S. Baraitareanu (2021). „COMPARATIVE ANALYSIS OF TOTAL DNA ISOLATION PROCEDURE FROM BLOOD AND HAIR FOLLICLE SAMPLES IN GOATS". *REVISTA ROMANA DE MEDICINA VETERINARA* 31(4), 82–86
103. Daniela Mihaela Grigore, Elena Irimia, Ioana Nicolae, Dinu Gavojdian, Narcisa Babeanu (2021). „EFFECTS OF USING PROBIOTICS ON CALVES GROWTH RATES AND HEMATOLOGIC PROFILE". *SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE* 64(1), 148–154
104. Luminita Raluca Simionescu, Gabriela Lucica Margarit, Calina Petruta Cornea (2021). „GMO IDENTIFICATION IN FOOD AND FEED FOR 2019 AND 2020 (PANDEMIC YEAR) - A COMPARATIVE STUDY". *SCIENTIFIC PAPERS-SERIES A-AGRONOMY* 64(1), 732–740
105. Horin Bardeanu, Florentina Matei, Paul-Alexandru Popescu, Octavian Ionescu, Stefan Jurcoane (2021). „IMPROVING A BIOGAS PLANT PARAMETERS IN THE CONVERSION CONTEXT OF REPLACING THE CORN SILO WITH AGRI-FOOD WASTE". *SCIENTIFIC PAPERS-SERIES E-LAND RECLAMATION EARTH OBSERVATION SURVEYING ENVIRONMENTAL ENGINEERING* 10, 17–23
106. Denisa Ciotea, Elena Ungureanu, Gabriel Mustatea, Mona Elena Popa (2021). „Incidence of Lead, Cadmium, Chromium, Nickel and Cobalt in Basil, Rosemary and Peppermint Seasonings from Romanian Market". *BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY* 78(1), 19–32. https://doi.org/10.15835/buasvmcn-fst.2021.0002
107. Amalia Carmen Mitelut, Elena Elisabeta Popa, Paul-Alexandru Popescu, Mona Elena Popa (2021). „INNOVATIVE PRESERVATION TECHNOLOGIES FOR A SUSTAINABLE FOOD SYSTEM". *AGROLIFE SCIENTIFIC JOURNAL* 10(1), 164–171
108. Gabriela Daniela Stamatie, Denisa Eglantina Duta, Nastasia Belc, Claudia Zoani, Florentina Israel-Roming (2021). „NUTRITIONAL AND FUNCTIONAL PROPERTIES OF SOME PROTEIN SOURCES". *AGROLIFE SCIENTIFIC JOURNAL* 10(1), 214–220
109. Luminita Dimitriu, Daniel Preda, Diana Constantinescu-Aruxandei, Florin Oancea, Narcisa Babeanu (2021). „OPTIMIZATION OF ULTRASOUND-ASSISTED EXTRACTION OF POLYPHENOLS FROM HONEYSUCKLE (Lonicera caprifolium)". *AGROLIFE SCIENTIFIC JOURNAL* 10(2), 47–55
110. Mala-Maria Stavrescu-Bedivan, Emilia Brindusa Sandulescu, Catalin Mihai Croitoru, Roxana Maria Madjar, Oana-Alina Boiu-Sicuia, Gina Vasile Scaeteanu (2021). „PRELIMINARY EVALUATION OF WATER QUALITY RELATED TO AQUATIC ORGANISMS IN COMANA POND". *AGROLIFE SCIENTIFIC JOURNAL* 10(2), 178–188
111. Georgiana Micu, Oana-Alina Boiu-Sicuia, Aglaia Burlacu (Popa), Florentina Israel-Roming, Calina Petruta Cornea (2021). „RESEARCHES ON THE QUANTIFICATION OF L-ASPARAGINASE PRODUCED BY MICROORGANISMS". *AGROLIFE SCIENTIFIC JOURNAL* 10(1), 147–153
112. Mihaela Cristina Draghici, Amalia Carmen Mitelut, Elisabeta Elena Popa, Paul Alexandru Popescu, Vlad Ioan Popa, Andreea Barbu, Mona Elena Popa (2021). „STUDY ON CONSUMERS PERCEPTION AND KNOWLEDGE ON VEGETAL ORGANIC BY-PRODUCTS USED AS FUNCTIONAL

INGREDIENTS". *SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT* 21(4), 203–209

113. Loredana Suciu, Adina Tarau, Camelia Urda, Felicia Chetan, Felicia Muresanu, Laura Sopterean, Oana-Alina Boiu-Sicuia, Lavinia-Diana-Nicoleta Barbu (2021). „THE INFLUENCE OF BACTERIAL INOCULATS ON PATHOGENS, YIELD AND QUALITY IN SOYBEAN CROP". *AGROLIFE SCIENTIFIC JOURNAL* 10(1), 221–226
114. Emanuel Vamanu, Sachchida Nand Rai (2021). „The Link between Obesity, Microbiota Dysbiosis, and Neurodegenerative Pathogenesis". *DISEASES* 9(3), Article 45. https://doi.org/10.3390/diseases9030045

ISI Proceedings

1. Laura Enache, Mihaela Draghici, Florin Ciuprina (2025). „Influence of Thermal Treatment on Dielectric Performances of PVDF-Al2O3 Nanocomposites". *2025 14TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING, ATEE*, Article 126. https://doi.org/10.1109/ATEE66006.2025.11299875

Alte publicații

1. Aglaia Popa, Maria-Mihaela Zugravu, Florentina Israel-Roming (2026). „Application of Plant Defence Elicitors in Fruit Crop Protection with a One Health Approach". *AGRONOMY-BASEL*, 16(5), Article 590. https://doi.org/10.3390/agronomy16050590
2. Aglaia Popa, Maria-Mihaela Zugravu, Florentina Israel-Roming (2026). „Application of Plant Defence Elicitors in Fruit Crop Protection with a One Health Approach". *Agronomy*, 16
3. Daniel-Florin Pirvan, Aglaia Popa, Florentina Israel-Roming (2026). „Determination of Polyphenols in Honey Using Liquid-Liquid Extraction and HPLC-PDA with MS Confirmation". *APPLIEDCHEM*, 6(2), Article 34. https://doi.org/10.3390/appliedchem6020034
4. Daniel-Florin Pîrvan, Aglaia Popa, Florentina Israel-Roming (2026). „Determination of Polyphenols in Honey Using Liquid–Liquid Extraction and HPLC-PDA with MS Confirmation".
5. Florentina Badea, Mircea-Cosmin Pristavu, Filofteia Camelia Diguta, Alexandru Constantin Aldea, Mihaela Dragoi Cudalbeanu, Simona Marcu Spinu, Alina Ortan, Marian Nicolae Verziu, Florentina Matei (2026). „Dual Antimicrobial-Antioxidant Postbiotics From Lactiplantibacillus plantarum for Clean-Label Meat Preservation". *EFOOD*, 7(2), Article e70140. https://doi.org/10.1002/efd2.70140
6. Andrei Cristian Anghel, Ionelia Tăranu, Alina Ortan, Narcisa Elena Babeanu (2026). „Growth-promoting activity of polyphenolic extracts from carrot pomace and fermented carrot pomace on Aspergillus brasiliensis". *Archiva ...*, 29(1), 104–119. https://doi.org/10.2478/azibna-2026-0007
7. Marilena-Gabriela OLTEANU ZAHARIE, Nicoleta RADU, Narcisa Elena BĂBEANU, Marinela BOSTAN, Viviana ROMAN (2025). „924 STUDIES REGARDING THE CYTOTOXICITY OF A BIOPRODUCTS BASED ON POLYSACCHARIDES DERIVED FROM PLANTAGO SP.". *... Papers. Series B ...*, 69(1)
8. Laura-Dorina Dinu, Emanuel Vamanu, Ionela Avram (2025). „and Nanotechnology for Personalized". *Microbiota Profiling for Precision Medicine: Biomarker-Targeted Drug Delivery Strategies*

9. Andrei Cristian ANGHEL, Ionelia ȚĂRANU, Alina ORȚAN, Narcisa Elena BĂBEANU (2025). „ANTIMICROBIAL ACTIVITY OF MUSTARD SEED MEAL POLYPHENOLS.”.
10. Diana GROPOŞILĂ-CONSTANTINESCU, Ioan-Nicolae RANGA, Radu-Cristian TOMA, Gabriela-Lucica MĂRGĂRIT (2025). „ANTIRHEUMATIC CREAM BASED ON NATURAL INGREDIENTS.”. *Scientific Bulletin Series F. Biotechnologies*, 29(1)
11. Laura-Dorina Dinu, Emanuel Vamanu, Ionela Avram (2025). „Biomarker Role in Drug Delivery: Microbiota Implications and Nanotechnology for Personalized Therapeutics”. *Microbiota Profiling for Precision Medicine: Biomarker-Targeted Drug Delivery Strategies*, 207–237
12. Ionuț MORARU, Angela MORARU, Mircea-Cosmin PRISTAVU, Florentina ISRAEL-ROMING (2025). „CHARACTERIZATION OF FUNCTIONAL GLUTEN-FREE BREADSTICKS WITH CUMIN IMPROVED BY ADDITION OF CRUCIFEROUS EXTRACTS.”. *Scientific Bulletin Series F. Biotechnologies*, 29(1)
13. Mirela Drăgan, Silvana Mihaela Dănăilă-Guidea, Ștefana Jurcoane (2025). „Cover crops vs beekeeping productivity – a case study for the biodiversity, bioinsecticides and the general biomedical context.”. *International Quintessence of Biomedical Research*, 2(3), 241–244
14. Magdalina URSU, Nicoleta RADU, Teodora SUPEANU, Viviana ROMAN, Narcisa BABEANU, Gabriel GHIAUR (2025). „Differential Effects of Turmeric (Curcuma longa) and Ginger (Zingiber officinale) Extracts on Malignant and Normal Hematopoietic Cells in the Bone Marrow Microenvironment”. *Revista Romana de Hematologie*, 3(4)
15. Lucia-Florina Popovici, Ion Brinza, Florentina Gatea, Georgiana Ileana Badea, Emanuel Vamanu, Simona Oancea, Lucian Hritcu (2025). „Enhancement of Cognitive Benefits and Anti-Anxiety Effects of Phytolacca americana Fruits in a Zebrafish (Danio rerio) Model of Scopolamine-Induced Memory ...”. *Antioxidants*, 14(1)
16. M Toader, N Radu, NE Băbeanu, RC Roman (2025). „Evaluation of the cytotoxicity of some biomaterials derived from algal polysaccharides using math models.”. *... Bulletin Series F ...*, 29(2)
17. Mihaela GEICU-CRISTEA, Elisabeta-Elena POPA, Paul-Alexandru POPESCU, Mihaela-Cristina DRĂGHICI, Ion NIȚU, Adriana-Georgiana STERIAN, Amalia-Carmen MITELUȚ, Mona Elena POPA (2025). „EXPLORING THE ROLE OF NUTRITION IN ENHANCING MENTAL AND EMOTIONAL WELL-BEING.”.
18. Monica ȚUȚUIANU, Lavinia-Mariana BERCA, Dănuț CIMPONERIU, Florentina ISRAEL-ROMING (2025). „GLOBAL TRENDS AND RESEARCH EVOLUTION IN FLOUR AND BAKERY PRODUCT FORTIFICATION: A BIBLIOMETRIC ANALYSIS”. *Scientific Bulletin Series F. Biotechnologies*, 29(1)
19. Evelina GHERGHINA, Gabriela LUȚĂ, Daniela BĂLAN (2025). „IMPORTANCE OF ZINC COMPOUNDS AND ZINC NANOPARTICLES IN DEVELOPMENT OF PLANTS.”. *Scientific Bulletin Series F. Biotechnologies*, 29(1)
20. LC Pirvu, A Stefaniu, S Nita, N Radu... (2025). „In silico and in vitro analyses of strawberry-derived extracts in relation to key compounds' metabolic and anti-tumor effects”. *International Journal of ...*
21. Emanuel Vamanu, Laura Dorina Dinu (2025). „In Vitro Modulation Processes, Prebiotic vs. Postbiotic, of Microbiota Pattern: A Preliminary Study”. *Nutraceuticals*, 5(4)
22. Lavinia-Diana-Nicoleta BURUGĂ-BARBU, Oana-Alina BOIU-SICUIA, Diana GROPOȘILĂ-CONSTANTINESCU, Narcisa Elena BĂBEANU (2025). „INNOVATIVE SOAP FORMULATION

ENRICHED WITH GREEN AND RED SORREL (RUMEX SPP.) EXTRACTS: PHYSICOCHEMICAL PROPERTIES AND ANTIMICROBIAL POTENTIAL.”.

23. Gaia Cusumano, Agnese Bertoldi, Eleonora Calzoni, Husam BR Alabed, Laura Dorina Dinu, Emanuel Vamanu, Florentina Matei, Gokhan Zengin, Carla Emiliani (2025). „Nanovesicles from Rosa canina: A Treasure Trove of Antioxidant Potential for Oxidative Stress, Inflammation, and Gut Microbiota Modulation”. *Pharmaceuticals*, 18(11)
24. Popa E.E., Popa M.E. (2025). „Nutraceutical and Functional Food Industry Roles and Responsibilities in Precision Health Approach”. *BIO Web of Conferences*, 187. https://doi.org/10.1051/bioconf/202518707002
25. Anca Becze, Lacrimioara Senila, Mihaela Multescu, Aglaia Popa, Floarea Serbancea, Marin Senila (2025). „Nutritional Value of Tomato Pomace as a By-Product from the Processing of Several Tomato (Solanum lycopersicum L.) Cultivars”. *Molecules*, 30(23). https://doi.org/10.3390/molecules30234502
26. Behnaz RAHMANIFAR, Oana-Alina BOIU-SICUIA, Oana LIVADARIU, Niculina IONESCU, Călina Petruța CORNEA (2025). „OPTIMIZATION OF Agrobacterium rhizogenes-MEDIATED HAIRY ROOT INDUCTION IN Salvia officinalis.”. *Scientific Bulletin Series F. Biotechnologies*, 29(1)
27. Daniel Florin PÎRVAN, Aglaia POPA, Florentina ISRAEL-ROMING (2025). „PHENOLICS IN HONEY AND THEIR BIOLOGICAL ACTIVITY”.
28. M Ursu, N Radu, SM Dănăilă (2025). „Preliminary studies regarding the antimicrobial properties of some bioproducts derived from Zingiber officinale and Curcuma longa”. *Guidea...*, 29(1), 149–155
29. Magdalina Ursu, Nicoleta Radu, Silvana Mihaela Dănăilă-Guidea, Narcisa Elena Băbeanu (2025). „Preliminary studies regarding the antimicrobial properties of some bioproducts derived from Zingiber officinale and Curcuma longa”.
30. Bobea S.-A., Apostol L., Florea C., Diguta F.C., Aldea A.C., Nicolcioiu M.-B., Zoani C., Cornea C.P. (2025). „PRELIMINARY STUDY REGARDING THE REINTRODUCTION OF ANCESTRAL WHEAT IN THE BAKERY INDUSTRY”. *AgroLife Scientific Journal*, 14(1), 22–33. https://doi.org/10.17930/AGL202512
31. Elisabeta Elena POPA, Mihaela GEICU-CRISTEA, Amalia-Carmen MITELUȚ, Mihaela DRAGHICI, Paul Alexandru POPESCU, Ion NIȚU, Roxana Elena ALECU, Mona Elena POPA (2025). „RECENT INSIGHTS IN VACUUM IMPREGNATION APPLICATION ON MINIMAL PROCESSED FRUITS AND VEGETABLES.”. *Scientific Bulletin Series F. Biotechnologies*, 29(2)
32. Alina-Andreea Bîscoveanu, Silvana Mihaela Dănăilă-Guidea (2025). „Reducing carbon emissions in municipalities through sustainable urban mobility plans”.
33. Ricuța Vasilica Dobrinoiu, Silvana Mihaela Dănăilă-Guidea, Mihaela Cristina Drăghici, Giovanni Bezze (2025). „Research on the suitability of the species phylostachys pubescens for propagation by aerial marcoting”. *International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, Edition XI*
34. Ervin COZMA, David QUINTÍN MARTÍNEZ, Presentacíon GARCÍA GÓMEZ, Jose FERNANDEZ CALATAYUD, Florentina ISRAEL-ROMING (2025). „RESEARCH ON THE VALORISATION OF PLANT-BASED BY-PRODUCTS TO PRODUCE FOOD LINKED TO THE CIRCULAR ECONOMY CONCEPT.”. *Scientific Bulletin Series F. Biotechnologies*, 29(1)

35. Alexandra BURLACU (GRIGORAS), Oana-Alina BOIU-SICUIA, Aglaia POPA, Florentina ISRAEL-ROMING (2025). „SCREENING FOR LIGNIN DEGRADING MICROORGANISMS.”. *Alina, P Aglaia...*, 29(2)
36. Elena ANDRONE, Nicoleta RUSU, Cătălina VOAIDEŞ, Narcisa Elena BĂBEANU (2025). „SOLVENT EFFECTS ON MULTI-ELEMENT (ICP-MS) AND PHENOLIC (HPLC-DAD) PROFILES OF MEDLAR (MESPILUS GERMANICA L.) FRUIT EXTRACTS.”.
37. Tudora C., Cardei P., Boiu-Sicuia O.A., Muscalu A., Vladut N.-V. (2025). „STATISTICAL ANALYSIS OF THE ANTIFUNGAL ACTIVITY OF FOUR ESSENTIAL OILS AGAINST Botrytis cinerea”. *AgroLife Scientific Journal*, 14(1), 191–202. https://doi.org/10.17930/AGL2025119
38. Magdalina Ursu, Nicoleta Radu, Lucia Camelia Pirvu, Narcisa Elena Babeanu, Raluca Madalina Senin, Mihaela Begea (2025). „STUDIES REGARDING THE ANTIOXIDANT ACTIVITY OF SOME BIOPRODUCTS OBTAINED FROM CURCUMA LONGA AND ZINGIBER OFFICINALE RHIZOMES”.
39. MGO Zaharie, N Radu, NE Băbeanu, M Bostan... (2025). „Studies regarding the cytotoxicity of a bioproducts based on polysaccharides derived from Plantago sp.”.
40. Carmen Georgeta NICOLAE Iuliana Stefania BORDEI (BOLOLOI), Ionela Florentina TOMA (ENACHE), Alina UDROIU, Andrada Elena MOISE, Mihaela GEICU-CRISTEA (2025). „Study on the Influencing Factors of Consumer Choices Regarding Pheasant Meat”.
41. Iuliana Stefania Bordeı, Ionela Florentina Toma, Alina Udroıu, Andrada Elena Moıse, Mihaela Geıcu-Crıstea, Carmen Georgeta Nıcolae (2025). „Study on the ınfluencing factors of consumer choices regarding pheasant meat”.
42. Alina Udroıu, Andrada Elena Moıse, Mihaela Geıcu-Crıstea, Carmen Georgeta Nıcolae (2025). „Study on the ınfluencing factors of consumer choices regarding pheasant meat.”. *Journal of Agroalimentary Processes Technologies*, 31(2)
43. Mirela Drăgan, Andrei Petre, Silvana Mihaela Dănăilă-Guidea, Ştefana Jurcoane (2025). „Sustainable agricultural solutions applied to buckwheat cover crop in 2024”.
44. Amalia Carmen Miteluț, Silvana Mihaela Dănăilă-Guidea, Mona Elena Popa, Mihaela Cristina Drăghici, Elisabeta Elena Popa, Mihaela Geicu - Cristea, Paul Alexandru Popescu, Elena Mănăilă (2025). „Sustainable process for delivering water and biostimulats to plants grown in protected spaces”. *International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, Edition XI*
45. E Birza, N Rusu, C VOAIDEȘ... (2025). „The antioxidant potential of some Mespilus germanica L. extracts.”. *Scientific Bulletin Series ...*, 29(1)
46. Mihaela Carmen Eremia, Ramona Daniela Pavaloiu, Oana Livadariu, Anca Daniela Raiciu, Fawzia Sha’at, Corina Bubueanu, Dana Maria Miu (2025). „The Effect of Light on the Germination of Raphanus sativus Seeds and the Use of Sprout Extracts in the Development of a Dermatocosmetic Gel”. *Gels*, 11(7)
47. DOBRINOIU RICUTA, Toma Alexandru Iulian (2025). „The evaluation of fertilization schemes optimization at two row barley crop in order to in crease the harvest processing value”. *Scientific Papers. Series A. Agronomy, Vol. LXVIII, No. 1, 2025*, Vol. LXVIII, No. 1, 666–672Article Art83pdf
48. Marin M.S., Mihalache M., Tudor V., Dragotoiu D., Banita C.D., Boroiu M., Barbulescu I.D., Begea M., Matei P.M., Mateescu E., Alistar V.T., Teodorescu R.I. (2025). „The influence of changes in the

physical and chemical properties of the soil on the long-term wine harvest". *Acta Horticulturae*, 1(1425), 109–116. https://doi.org/10.17660/ActaHortic.2025.1425.15

49. Amalia Carmen MITELUȚ, Georgiana APOSTOL, Elisabeta Elena POPA, Mihaela GEICU-CRISTEA, Mihaela DRĂGHICI, Paul-Alexandru POPESCU, Mona Elena POPA (2025). „THE LATEST DEVELOPMENT OF RADIO-FREQUENCY APPLICATIONS IN THE FOOD INDUSTRY: ADVANTAGES AND DRAWBACKS.". *Scientific Bulletin Series F. Biotechnologies*, 29(1)
50. Mirela Drăgan, Monica Enache, Silvana Mihaela Dănăilă-Guidea, Ștefana Jurcoane (2025). „The presence and impact of allergenic plants around the apiary in Cornetu, Ilfov County".
51. Mirela Drăgan, Silvana Mihaela Dănăilă-Guidea, Ștefana Jurcoane, Stelica Cristea (2025). „Valorization of local biodiversity through cover crops: a sustainable model for beekeeping and food systems".
52. Cheik Omar Tidiane COMPAORÉ, Catalina Mihaela VOAIDES, Iliassou MOGMENGA, Amidou S OUILI, Franck MOSSOUN, Ynoussa MAIGA, Aboubakar Sidiki OUATTARA (2024). „ADVANCES IN ANTIMICROBIAL CONTROL: CONTRIBUTIONS AND POTENTIAL APPLICATIONS OF ANTAGONISTIC BACTERIA IN THE CONTROL OF MULTIDRUG-RESISTANT PATHOGENIC BACTERIA.". *Scientific Bulletin Series F. Biotechnologies*, 28(2)
53. Andrei Cristian Anghel, Ionelia Țăranu, Alina Orțan, Narcisa Elena Băbeanu (2024). „Antimicrobial effects of polyphenols from fermented and non-fermented apple and carrot pomace against Escherichia coli".
54. Andrei Cristian Anghel, Ionelia Țăranu, Alina Orțan, Narcisa Elena Băbeanu (2024). „Antimicrobial effects of polyphenols from fermented and nonfermented apple and carrot pomace against Escherichia coli". *Food and Feed Research*, 51(00), 55–55. https://doi.org/10.5937/ffr0-53685
55. Aglaia POPA (2024). „BIODEGRADATION OF LIGNOCELLULOSIC SUBSTRATES WITH IMPROVED FUNGAL STRAINS.". *Scientific Bulletin Series F. Biotechnologies*, 28(2)
56. Bogdan Tache, Emanuel Vamanu, Roxana Spulber (2024). „BOOSTING BEE HEALTH: THE ROLE OF PROBIOTICS, PREBIOTICS, AND POSTBIOTICS". *AgroLife Scientific Journal*, 13(1), 180–193
57. Maria Denisa Cocîrlea, Natalia Simionescu, Teodora Călin, Florentina Gatea, Georgiana Ileana Badea, Emanuel Vamanu, Simona Oancea (2024). „Box–Behnken Design-Based Optimization of Extraction Parameters of Phenolics, Antioxidant Activity, and In Vitro Bioactive and Cytotoxic Properties of Rhus typhina Fruits". *Applied Sciences*, 14(23). https://doi.org/10.3390/app142311096
58. Mirela Drăgan, Andrei Petre, Ștefana Jurcoane, Silvana Mihaela Dănăilă-Guidea, Constantin Dobrescu (2024). „Capitolul 20 - Colectarea de probe pentru determinarea potențialului melifer la plante din culturi de acoperire". *Brumă, Ioan Sebastian Diana-Elena Creangă. (eds.) (2024). Reziliență și sustenabilitate în sistemele rurale.*, 2024, 499–519
59. Mirela DRĂGAN, Andrei PETRE, Ștefana JURCOANE, Silvana Mihaela DĂNĂILĂ-GUIDEA, Constantin DOBRESCU (2024). „Capitolul 20. COLECTAREA DE PROBE PENTRU DETERMINAREA POTENȚIALULUI MELIFER LA PLANTE DIN CULTURI DE ACOPERIRE". *researchgate.net*
60. Ecaterina Damian, Silvana Mihaela Dănăilă-Guidea, Gabriela Popa, Dobrinoiu Ricuța-Vasilica (2024). „Cercetări privind aplicarea tehnicilor de multiplicare in vitro la specia Helichrysum italicum cu proprietăți farmaceutice și alimentare". *Volum Rezumate-Simpozionul Național Studențesc "Biotehnologiile - prezent și viitor", Ediția a XII-a*, 12, 55–58

61. Georgiana-Gabriela IORDACHE, Narcisa-Elena BABEANU (2024). „CLASSIFICATION AND INDUSTRIAL APPLICATIONS OF BIOSURFACTANTS--MINIREVIEW.”. *Scientific Bulletin Series F. Biotechnologies*, 28(1)
62. Ioannis Ilie KARPATHAKIS, Călina Petruţa CORNEA (2024). „COMPARATIVE ANALYSIS OF BRAZZEIN PRODUCTION IN IN VIVO AND IN VITRO SYSTEMS.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
63. S Roman, MF Gengiz, M Bouali (2024). „Comparative Extraction Methods for Chemical Profile of Various Essential Oils and Extracts Obtained from Pelargonium graveolens Leaves”. *JOJ HORTICULTURE ARBORICULTURE Учредители: Juniper Publishers*, 4(5)
64. Mihaela Geicu-Cristea, Elisabeta Elena Popa, Mesfin Wogayehu Tenagashaw (2024). „Consumers' Perceptions of Fortified Foods”. https://doi.org/10.1007/978-981-97-7870-6_28
65. Georgiana CERCHEZAN, Florentina ISRAEL-ROMING (2024). „CORRELATION OF THE CHEMICAL PARAMETERS WITH THE SENSORIAL PROPERTIES OF WINE.”. *Scientific Bulletin Series F. Biotechnologies*, 28(1)
66. AL-ZAIDI Quthama, Laura Dinu, Adelina Georgiana MATACHE, DINU Laura-Dorina, Eleonora CALZONI, Florentina MATEI (2024). „Development of the lactic acid permeabilizer V-QPCR technique for salmonella SPP. Detection and quantification”. *AgroLife Scientific Journal*, 13(1), 9–14
67. Sorina Dinu, Viorel Fătu, Lavinia Diana Nicoleta Buturugă Barbu, Oana Alina Boiu Sicuia (2024). „ECO-FRIENDLY AND BIOLOGICAL MEANS TO REDUCE PHYTOPATOGENIC AND COLIFORM CONTAMINANTS ON STRAWBERRIES”. *Current Trends in Natural Sciences*, 13(25), 143–151. https://doi.org/10.47068/ctns.2024.v13i25.017
68. Daniela BĂLAN, Gabriela LUȚĂ, Maria STANCA, Ovidiu JERCA, Ștefana JURCOANE, Carmen GAIDĂU, Mihaela NICULESCU, Aykut SANCAKLI, Aysegul UZUNER DEMİR (2024). „EFFECT OF BIOSTIMULANT TREATMENT ON THE ANTIOXIDANT ACTIVITY IN TOMATO FRUIT.”. *Scientific Papers. Series B. Horticulture*, 68(2)
69. Daniel-Nicolae COJANU, Maria-Cristina LUMÎNARE, Oana Alina BOIU-SICUIA, Călina Petruța CORNEA (2024). „EVALUATION OF NATIVE BACTERIAL STRAINS AS PLANT GROWTH PROMOTERS FOR GREENHOUSE TOMATOES”. *Scientific Papers. Series B. Horticulture*, 68(1)
70. Alexandru Cristian Grosu, Petruța Mihaela Matei, Narcisa Elena Băbeanu (2024). „EVALUATION OF THE BIOLOGICAL EFFECT OF DIFFERENT VERMICOMPOST AND PEAT MIXTURES ON ROCKET (ERUCA SATIVA MILL.) SEEDLING PRODUCTION”. *Romanian Journal for Plant Protection*, 17, 9–20. https://doi.org/10.54574/rjpp.17.02
71. Alexandru Cristian Grosu, Petruţa Mihaela Matei, Narcisa Elena Băbeanu (2024). „EVALUATION OF THE BIOLOGICAL EFFECT OF DIFFERENT VERMICOMPOST AND PEAT MIXTURES ON ROCKET (ERUCA SATIVA MILL.) SEEDLING PRODUCTION.”. *Romanian Journal for Plant Protection*, 17
72. Mihaela VILCU, Elisabeta Elena POPA, Mona Elena POPA (2024). „FOOD CONTAMINANTS INCIDENCE ON CEREAL VALUE CHAIN, A MINIREVIEW.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
73. F. Rusu I.C., Zăgrean A.V., Israel-Roming (2024). „Fruiting Yield Of Some Pleurotus Strains”.

74. Alexandru Stefan Barcan, Rares Andrei Barcan, Emanuel Vamanu (2024). „Genomic Insights into Bacterial Antimicrobial Resistance Transmission and Mitigation Strategies.”. *Current Pharmaceutical Biotechnology*, 25. https://doi.org/10.2174/0113892010304596240629102419
75. FLORENTINA MATEI, OANA-ALINA SICUIA-BOIU, ELENA POPA, LAURA DORINA DINU (2024). „GREEN BIOECONOMY—CONCEPTS AND PRINCIPLES”.
76. Andrei Constantin Ioan ARLET, Brindusa BALANUCA, Mihaela TOCIU, Cristina OTT, Lucian CONSTANTIN, Aglaia POPA, Florentina ISRAEL-ROMING (2024). „INFLUENCE OF MEMBRANE SEPARATION TECHNIQUE UPON THE PHENOLIC CONTENT OF RED CORN BRAN EXTRACT.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
77. CAMELIA FILOFTEIA DIGUTA (2024). „INFORMATION AND COMMUNICATION TECHNOLOGIES AND TOOLS FOR GREEN BIOTECH ENTREPRENEURSHIP RADU CRISTIAN TOMA, LAURA DORINA DINU”. *European Perspectives on Green Biotechnology Business Practices*
78. G Luta, D Balan, M Stanca, O Jerca, S Jurcoane, C Gaidau, M Niculescu, S Cristea (2024). „Leather industry waste used to obtain biostimulant protein gels”.
79. ENACHE MONICA, PETRE DĂNUȚ (2024). „Microscopic characteristics of rhizomes of Curcuma longa and Zingiber officinale (Zingiberaceae) - A selection of light microscopy images”. *Scientific Bulletin. Series F. Biotechnologies*, XXVIII(1)
80. Esamaldeen Ebrahim Mohamed Asawir, Oana-Alina Boiu-Sicuia, Calina Petruta Cornea (2024). „Mycotoxin contamination in sudanese Poultry feed: a comprehensive review”.
81. Izabela ACATRINEI, Amalia Carmen MITELUȚ (2024). „NUTRITIONAL COMPOSITION OF BEE PRODUCTS AND CURRENT TRENDS ON THEIR PROCESSING.”. *Scientific Bulletin Series F. Biotechnologies*, 28(1)
82. Mabil Sajad, Shabnam Shabir1, Sandeep Kumar Singh, Majid Alhomrani, Abdulaziz Alsharif, Emanuel Vamanu (2024). „power of bioactive compounds”. *Novel Chemical, Microbiological and Physical Approaches In Food Safety Control, volume II*
83. ENACHE MONICA, DANAILA GUIDEA SILVANA, BASA ADRIAN GHEORGHE, JURCOANE STEFANA (2024). „Preliminary analysis of 8 bee pollen samples collected at the Moara Domnească Experimental Station during autumn 2021”. *Scientific Papers. Series A. Agronomy*, LXVII(1), 803–808Article 103
84. Agnes TOMA, Oana CRACIUNESCU, Rodica TATIA, Vasile Sorin MANOIU, Florentina ISRAEL-ROMING, Gabriela LUTA, Daniela BALAN, Ştefana JURCOANE (2024). „PREPARATION AND CHARACTERIZATION OF NOVEL BIOMATERIALS BASED ON MIXTURES OF FISH COLLAGEN AND PEPTIDES WITH CHITOSAN FOR BIOMEDICAL APPLICATIONS”. *peptides*, 1(1)
85. Agnes TOMA, Oana CRACIUNESCU, Rodica TATIA, Vasile Sorin MANOIU, Florentina ISRAEL-ROMING, Gabriela LUTA, Daniela BALAN, Ştefana JURCOANE (2024). „PREPARATION AND CHARACTERIZATION OF NOVEL BIOMATERIALS BASED ON MIXTURES OF FISH COLLAGEN AND PEPTIDES WITH CHITOSAN FOR BIOMEDICAL APPLICATIONS”. *Scientific Bulletin. Series F. Biotechnologies*, 28(2)
86. Drăgan Mirela, Petre Andrei, DANAILA GUIDEA SILVANA, Jurcoane Ștefana (2024). „Research into increase bee productivity using cover crops”. *Scientific Bulletin. Series F. Biotechnologies*, XXVIII(2), 128–132Article 17

87. Georgia OLARU, Elena POPA, Mona POPA (2024). „RESEARCH ON EFFECT OF ACTIVE AND SUSTAINABLE ANTIMICROBIAL PACKAGING ON GROUND BEEF”. *Scientific Papers. Series D. Animal Science*, 67(2)
88. GABRIELA LUCICA MĂRGĂRIT, PAUL-ALEXANDRU POPESCU, MIHAELA DRĂGHICI (2024). „RISKS AND BENEFITS IN GREEN BIOTECH BUSINESS”. *European Perspectives on Green Biotechnology Business Practices*
89. Oana GHERGHESCU, Angela CĂŞĂRICĂ, Mișu MOSCOVICI, Florentina ISRAEL-ROMING (2024). „SCREENING OF MICROBIAL STRAINS ABLE TO PRODUCE EXTRACELLULAR LIPASES.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
90. Raluca-Ștefania RĂDOI-ENCEA, Florentina BADEA, Ana-Maria MANOLICĂ, Luminița VIȘAN, Florentina MATEI (2024). „TESTING THE FERMENTATIVE POTENTIAL OF SOME LOCAL Saccharomyces AND non-Saccharomyces YEASTS.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
91. Adina NICHITA, Mona Elena POPA (2024). „THE CHALLENGES AND ALTERNATIVES OF FOOD SUSTAINABILITY: MEAT ANALOGUES CULTURED MEAT.”. *Scientific Bulletin Series F. Biotechnologies*, 28(1)
92. Mihaela Ursan, Oana-Alina Boiu-Sicuia, Ioana Irina Crăinescu, Călina Petruța Cornea (2024). „The Influence of Low Pesticide Doses on Fusarium Molds”. *Igmin Research*, 2(7), 626–631
93. BS Oana (2024). „THE INFLUENCE OF PESTICIDES AND BIOPESTICIDES ON SWEET POTATO FUSARIUM MOLD.”. *Alina, P Alina*
94. Georgiana-Gabriela IORDACHE, Narcisa-Elena BABEANU (2024). „THE POTENTIAL OF Candida lipolytica ICCF 214 (ATCC 16618) TO PRODUCE BIOSURFACTANS.”. *Scientific Bulletin Series F. Biotechnologies*, 28(1)
95. Adina NICHITA, Mona Elena POPA (2024). „THE VALORIZATION OF PLANT AND ANIMAL BY-PRODUCTS FOR FOOD SUSTAINABILITY.”. *Scientific Papers. Series D. Animal Science*, 67(1)
96. Petronela MUNTEANU, Adina NICHITA, Florentina Vinica BARBU, Laura FEODOROV, Laura-Dorina DINU, Emanuel VAMANU (2024). „THEORETICAL EXPLORING OF ANTIGENOTOXIC PLANT INGREDIENTS WITH ANTIAGING PROPERTIES.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
97. AEE Mohamed, OA Boiu (2024). „Toxigenic molds contaminants in Sudanese poultry feed and their potential biocontrol”. *Sicuia...*
98. Asawir Esamaldeen Ebrahim MOHAMED, Oana-Alina BOIU-SICUIA, Călina Petruța CORNEA (2024). „TOXIGENIC MOLDS CONTAMINANTS IN SUDANESE POULTRY FEED AND THEIR POTENTIAL BIOCONTROL.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
99. Camelia Hodosan, Lucica Nistor, Sorin Iulius Barbuica, Gabriela Luta (2024). „TYPES OF POLYVINYL ALCOHOL USED FOR CONDITIONING LIQUID MIXES OF FERTILIZERS OR FOR THEIR ENCAPSULATION IN MONOLITH PARTICLES”. *UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE*, 86(2), 65–80
100. Alexandru Stefan Barcan, Joseph Humble, Sandeep Kasaragod, Mohammad Saiful Islam Sajib, Rares Andrei Barcan, Philip McGinnity, Timothy J. Welch, Brendan Robertson, Emanuel Vamanu, Antonella Bacigalupo, Martin Stephen Llewellyn, Francisca Samsing (2024). „Understanding the Transfer and Persistence of Antimicrobial Resistance in Aquaculture Using a Model Teleost Gut System”. *bioRxiv*. https://doi.org/10.1101/2024.07.30.605792

101. Sara ROMAN, Cătălina VOAIDEȘ, Narcisa-Elena BĂBEANU (2024). „UNVEILING THE FUNCTIONAL PROPERTIES OF Pelargonium graveolens: INSIGHTS INTO ITS BIOLOGICAL ACTIVITIES”.
102. Sara ROMAN, Cătălina VOAIDEȘ, Narcisa-Elena BĂBEANU (2024). „UNVEILING THE FUNCTIONAL PROPERTIES OF Pelargonium graveolens: INSIGHTS INTO ITS BIOLOGICAL ACTIVITIES.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
103. Mihaela-Doina NICULESCU, Maria STANCA, Mirela CĂLINESCU, Brîndușa Georgiana DUMITRIU, Stelica CRISTEA, Daniela BĂLAN (2024). „VALORIZATION OF COLLAGEN AND KERATIN BY-PRODUCTS FROM LEATHER INDUSTRY TO INCREASE THE QUALITY OF PRODUCTION FROM A CHERRY ORCHARD.”. *Leather Footwear Journal/Revista de Pielarie Incaltaminte*, 24(3)
104. MD Niculescu, M Stanca, M Calinescu, BG Dumitriu, S Cristea, D Balan, SC BIOTEHNOS SA (2024). „Valorization of collagen and keratin by-products from leather industry to increase the quality of production from orchard”.
105. Ionuț-Cristian RUSU, Alexandru Valentin ZĂGREAN, Florentina ISRAEL-ROMING (2024). „Valorization of Some Organic Residues for Edible and Medicinal Mushrooms Cultivation”.
106. Adina NICHITA, Mona Elena POPA (2024). „VALORIZATION OF VEGETAL BY-PRODUCTS IN NEW MATRICES FOR THE IMPROVED FOOD SUSTAINABILITY SYSTEMS.”. *Scientific Bulletin Series F. Biotechnologies*, 28(2)
107. Elisabeta Elena Popa, Laurentiu Mihai Palade, Violeta Alexandra Ion, Andreea Barbu, Oana Crina Bujor, Vlad Ioan Popa, Paul Alexandru Popescu, Amalia Carmen Mitelut, Mihaela Cristina Draghici, Mihaela Geicu-Cristea, Mona Elena Popa (2024). „Varijacije nutritivne kakvoće nusproizvoda prerade devet kultivara organski uzgojenih jabuka”. *Food Technology and Biotechnology*, 62(4), 449–457
108. Sachchida Nand Rai, Emanuel Vamanu (2024). „Veer Singh, Ghufran Ahmed, Sonali Vedika, Pinki Kumar, Sanjay K. Chaturvedi 2”. *Scientific Reports*, 14
109. Silvana Mihaela Dănăilă-Guidea, Ecaterina Damian, Ricuţa-Vasilica Dobrinoiu, Monica Enache, Gabriela Popa, Valerica-Luminița Vișan (2024). „Vegetative propagation system for Helichrysum italicum plants with ornamental and medicinal properties”. *Scientific Papers. Series B, Horticulture*, 68(2), 653–660
110. DANAILA GUIDEA SILVANA, DAMIAN ECATERINA, DOBRINOIU RICUTA, ENACHE MONICA, POPA GABRIELA, VISAN VALERICA LUMINITA (2024). „Vegetative propagation system for Helichrysum italicum plants with ornamental and medicinal properties”. *Scientific Papers. Series B, Horticulture*, LXVIII(2), 653–660
111. Petruta Mihaela Matei, Beatrice Michaela Iacomi, Maria Belen Turrion Nieves, Francisco Lafuente Alvarez, Iuliana Diana Barbulescu, Razvan Ionut Teodorescu, Daniel Cornel Banita, Alexandru Cristian Grosu, Mihai Nitu (2023). „”. *BIO Web of Conferences*, 68, 01041–01041. https://doi.org/10.1051/bioconf/20236801041
112. Delia RĂDOI, Gabriela-Lucica MĂRGĂRIT (2023). „ACCOUNTANCY IN BIOTECHNOLOGY FROM A CREATIVE POINT OF VIEW.”. *Scientific Bulletin Series F. Biotechnologies*, 27(2)
113. Agata Czyżowska, Brajesh Kumar Panda, Agnes Dienes-Nagy, Bruna Laratta, Akira Wanikawa, Charis Galanakis, Alberto Alfano, Chlodwig Franz, Alberto Angioni, Christian Philipp, Alex Okaru, Claudio Cassino, Alexander Jäger, Cristina Cebrián-Tarancón, Alexandra Cristina Blaga,

Cristina Medina-Plaza, Alistair Williams, Cristina Nerin, Ana Marija Jagatić Korenika, Culleré Laura, Ana Mucalo, Danijela Šuput, Ana Sampaio, David Kitts, Anastasios Nikolaou, Desislava Georgieva Teneva, Anca Cristina Babeș, Diana I Santos, Andrea Versari, Dominico A Guillén-Sánchez, Andrzej Cendrowski, Drew Budner, Aneta Jastrzębska, Durán-Guerrero Enrique, Angélica Espinoza-Ortega, Ehsan Moghaddas Kia, Angelo A Camillo, Elena Popa, Anita Silvana Ilak Peršurić, Elif Yildiz, Anna Maria Posadino, Emma Sherman, Anna Picinelli-Lobo, Erica Varese, Annarita Panighel, Eva Navascues, Antonella Santillo, Ewa Majewska, Antonina Stepacheva, Ewelina Kowalczyk, Antonio Coletta, Fabio Mencarelli, Antonio Mincione, Fátima De Cássia Oliveira Gomes, Antonio Stasi, Fotini Drosou, Antonio Trani, Francesca De Falco, Ayaz Khan, Francesca Masino, Bang-Yuan Chen, Francisco Omar Holguin, Beata Druzynska, Gabriella Siesto, Beverly J Tepper, Gal Kreitman, Bojan Butinar, Gary Pickering (2023). „Acknowledgment to the Reviewers of Beverages in 2022".

114. AC Grosu, CA Aldea, F Matei... (2023). „Advances in grape marc composting: a review.".

115. Amalia Carmen Miteluț, Elena Mănăilă, Silvana Dănăilă-Guidea, Mihaela Cristina Drăghici, Ion Nițu, Paul Alexandru Popescu, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Mona Elena Popa (2023). „Biodegradability and ecotoxicity assessment of new agricultural hydrogels based on acrylic acid, carboxymethyl cellulose and sodium alginate".

116. Gülhan Tunç, Oana-Alina Boiu-Sicuia, Aslı Şahiner, Volkan Kuzucu, Nazime Mercan Dogan, Tomaž Langerholc (2023). „Biological activity of some Romanian and Turkish Trichoderma Pers. strains". *Cryptogamie, Mycologie*, 44(10), 135–145. https://doi.org/10.5252/cryptogamie-mycologie2023v44a10.short

117. Maria Râpă, Elisabeta Elena Popa (2023). „Biopolymers for Edible Films and Coatings in Food Applications". https://doi.org/10.1007/978-981-19-0710-4_40

118. Nicoleta ENE, Irina LUPESCU, Emanuel VAMANU (2023). „BIOPOLYMERS: TYPES AND THEIR POTENTIAL FOR USE IN VARIOUS FIELDS OF BIOMEDICAL AND COSMETIC ENGINEERING.". *Scientific Bulletin Series F. Biotechnologies*, 27(2)

119. Irinah RATSIZAFY, Cătălina VOAIDEŞ, Oana-Alina BOIU-SICUIA, Voarisoa Sandrine RANDRIANANTENAINA, Mendrika RAKOTONINDRINA, Martial Doret ANDRIANANDRASANA, Rondro Harinisainana BAOHANTA, Adamson Tsoushima Ernest RAZAKATIANA, Heriniaina RAMANANKIERANA (2023). „CHARACTERIZATION OF HEAVY METALS RESISTANT Rhizobium sp. ISOLATES FROM DIFFERENT REVEGETATION PLOTS ON MANDENA MINING SITE (FORT DAUPHIN-MADAGASCAR).". *... Bulletin Series F ...*, 27(2)

120. E Vamsnu, Dodji Brice Dangnon (2023). „Characterizing water kefir beverages with antioxidant effects: preliminary analysis". *Sci Bull Ser F Biotechnol*, 27

121. IC Rusu, Florentina Israel Roming (2023). „Cultivation of three pleurotus strains on some organic carbon-enriched media".

122. D Mishra, A Mishra, S Nand Rai, E Vamanu, MP Singh (2023). „Demystifying the Role of Prognostic Biomarkers in Breast Cancer through Integrated Transcriptome and Pathway Enrichment Analyses. Diagnostics 2023, 13, 1142".

123. Lect Mihaela Geicu-Cristea, Florentina Matei, Mona Elena Popa, Lect Elisabeta Elena Popa, Ravi Jadeja, Cristina Popovici (2023). „DEVELOPMENT OF FUNCTIONAL FOODS FOR TYPE 2 DIABETES". *Cristea, F Matei, ME Popa, LEE Popa...*

124. Asawir Esamaldeen Ebrahim MOHAMED, Oana-Alina BOIU-SICUIA, Călina Petruța CORNEA (2023). „EVALUATION METHODS OF MYCOTOXIGENIC CONTAMINANTS IN FEED RAW MATERIALS-A REVIEW.”. *Sicuia...*, 27(1)
125. Mihaela Monica Dinu, Ana Cristina Fătu, Narcisa Băbeanu (2023). „EVALUATION OF ENTOMOPATHOGENIC ACTIVITY OF AN ENDOPHYTIC FUNGUS ISOLATED FROM POTATO”. *Romanian Journal for Plant Protection*, 16, 24–33. https://doi.org/10.54574/rjpp.16.03
126. Mihaela Monica Dinu, Ana Cristina Fătu, Sorina Dinu, Narcisa Băbeanu (2023). „EVALUATION OF ENTOMOPATHOGENIC ACTIVITY OF AN ENDOPHYTIC FUNGUS ISOLATED FROM POTATO”. *Romanian Journal for Plant Protection*, 16
127. Cristina Monica Papa, Alexandru Suciu, Ioan Dopcea, Nicoleta Ene, Sandeep Kumar Singh, Emanuel Vamanu (2023). „Exploring the Efficacy of Extracts for Cosmetic Creams: In Vivo and In Vitro Assessments”. *Nutraceuticals*, 3(3), 306–314. https://doi.org/10.3390/nutraceuticals3030024
128. Andrei Constantin Ioan ARLET, Mihaela TOCIU, Brînduşa BALANUCA, Florentina ISRAEL-ROMING (2023). „EXTRACTION AND EVALUATION OF TOTAL PHENOLICS CONTENT FROM RED CORN BRAN.”. *Scientific Bulletin Series F. Biotechnologies*, 27(2)
129. Wahauwouélé Hermann Coulibaly, N’goran Richard Kouadio, Fatoumata Camara, Camelia Diguță, Florentina Matei (2023). „Functional properties of lactic acid bacteria isolated from Tilapia (Oreochromis niloticus) in Ivory Coast”. *BMC Microbiology*, 23(1). https://doi.org/10.1186/s12866-023-02899-6
130. M Stanca, C Gaidau, CA Alexe, RR Constantinescu, D Balan, G Luta, A Mihalcea (2023). „Gelatine based gels used as biostimulators for tomato crop”.
131. Shyam Narayan, Emanuel Vamanu (2023). „Ghufran Ahmed, Fauzia Jamal, Ritesh K. Tiwari 2, Veer Singh 2, Sachchida Nand Rai 3, Sanjay K. Chaturvedi, Krishna Pandey 4, Santosh K. Singh 3, Ashish Kumar 2”. *Scientific Reports*, 13
132. Maria-Cristina Lumînare, Oana-Alina Boiu-Sicuia, Daniel Nicolae Cojanu, Lavinia-Diana–Nicoleta Buturugă-Barbu, Stelica Cristea (2023). „IN VITRO ANTAGONIST ACTIVITY OF BACILLUS SPP. STRAINS AGAINST BOTRYTIS CINEREA IN STRAWBERRY CROP”. *Romanian Journal for Plant Protection*, 16
133. Ionuț Georgică MARCHIDAN, Elisabeta Elena POPA, Mihaela GEICU-CRISTEA, Oana-Alina BOIU-SICUIA, Nicoleta RADU, Narcisa Elena BĂBEANU (2023). „In Vitro antimicrobial activity of different essential oils from Lavandula sp.”. *Scientific Bulletin Series F. Biotechnologies*, 27(2)
134. Oana-Alina Boiu-Sicuia, Radu Cristian Toma, Camelia Filofteia Diguță, Florentina Matei, Călina Petruța Cornea (2023). „In Vitro Evaluation of Some Endophytic Bacillus to Potentially Inhibit Grape and Grapevine Fungal Pathogens”. *Plants*, 12(13). https://doi.org/10.3390/plants12132553
135. Alexandru Stefan Barcan, Laura Dorina Dinu, Vlad Vălu, Emanuel Vamanu (2023). „Influences of Edible Mushrooms on Dynamic and Diversity of Gut Microbiota”. https://doi.org/10.1007/978-981-19-9550-7_4
136. TOMA RADU CRISTIAN (2023). „Informatica aplicata in biotehnologii”.

137. Gabriela Luta, Daniela Balan, Maria Stanca, Ovidiu Jerca, Stefana Jurcoane, Mihaela Niculescu, Carmen Gaidau, Ioana Rodica Stanculescu (2023). „Innovative Protein Gel Treatments to Improve the Quality of Tomato Fruit". *Gels*, 10(1). https://doi.org/10.3390/gels10010010
138. DRĂGAN Mirela, DĂNĂILĂ-GUIDEA Silvana Mihaela, JURCOANE Ştefana, ZAHARIA Alina (2023). „INVESTIGATING THE ROLE OF THE MAIN MELLIFEROUS PLANTS FOR BEEKEEPING IN CORNETU, ILFOV COUNTY.". *Oltenia, Studii si Comunicari Seria Stiintele Naturii*, 39(1)
139. Daniel-Nicolae Cojanu, Oana-Alina Boiu-Sicuia, Maria-Cristina Lumînare, Ana-Cristina Fătu, Lavinia Diana Barbu-Buturugă, Călina Petruța Cornea (2023). „ISOLATION AND CHARACTERIZATION OF SOME BACTERIAL STRAINS FROM DIPTERAN LARVAE". *Romanian Journal for Plant Protection*, 16
140. ENACHE MONICA, MORARU RADU (2023). „Mechanism of toxicity and microscopical tests for Datura herb". *Scientific Bulletin. Series F. Biotechnologies*, XXVII(2)
141. Theodor-Ioan Badea, Emanuel Vamanu (2023). „Medicinal Properties of Honey and Cordyceps Mushrooms". *Nutraceuticals*, 3(4), 499–512. https://doi.org/10.3390/nutraceuticals3040036
142. Alexandra BURLACU, Aglaia POPA, Florentina ISRAEL-ROMING (2023). „METHODS FOR IDENTIFYING LIGNIN DEGRADING MICROORGANISMS". *ROMING*, 27(2), 68–77
143. ENACHE MONICA, ANGHEL CRISTINA (2023). „Microscopical tests for Meliloti herba". *Annals of the University of Craiova, Biology, Horticulture, Food products processing technology, Environmental engineering*, 28(64)
144. Diana Gropoşilă-Constantinescu, Gabriela Mărgărit, Gabriela Popa, Dana Barba (2023). „Moisturizers made with natural ingredients.". *Scientific Bulletin Series F. Biotechnologies*, 27(1)
145. Virgil VRĂJMAȘU, Raluca-Ștefania RĂDOI-ENCEA, BOIU Oana-Alina, Camelia Filofteia DIGUȚĂ, Florentina MATEI (2023). „OPTIMIZATION OF A qPCR METHOD FOR THE DETECTION OF VIABLE Saccharomyces AND non-Saccharomyces CELLS DURING WINEMAKING". *Scientific Bulletin Series F. Biotechnologies*, 27(2)
146. Elisabeta Elena Popa, Mihaela Geicu-Cristea, AC Miteluţ, Maria Rapa, MC Drăghici, Paul Alexandru Popescu, Mona Elena Popa (2023). „PLA/PHBV active packaging application on fresh minced chicken meat". *Scientific Bulletin. Series F. Biotechnologies, XXVII*, 2(2), 158–163
147. Lavinia-Diana-Nicoleta Barbu, Oana Livadariu, Oana-Alina Boiu-sicuia, Carmen Gabriela Constantin, Aurora Dobrin, Violeta Alexandra Ion, Oana Arabela Cosmina Venat, Catalina Ioana Nicolae, Monica Badea, Adrian-George Peticila, Viorica L. A. G. U. N. O. V. S. C. H. Luchian, Narcisa-Elena Babeanu (2023). „PRELIMINARY EVALUATION ON GETTING SPROUTS IN SORREL ON DIFFERENT SUBSTRATES". *SCIENTIFIC PAPERS-SERIES B-HORTICULTURE*, 67(1), 723–730
148. Ionuţ Nicolae RANGA, Diana-Gabriela GROPOȘILĂ-CONSTANTINESCU, Alishaqi MOHAMMED (2023). „PREVALENCE OF BRUCELLOSIS IN BUFFALOES FROM IRAQ.". *Scientific Bulletin Series F. Biotechnologies*, 27(2)
149. CP CORNEA, I LUPESCU, I VĂTAFU, T CARAIANI, VG SĂVOIU, GH CÂMPEANU, I GREBENI_AN, GH P NEGULESCU, D CONSTANTINESCU (2023). „Production of L-Asparaginase II by Recombinant Escherichia Coli Cells". *Studies in Science of Science| ISSN: 1003-2053*, 41(11), 38–43

150. Oana-Alina Boiu-Sicuia, Radu-Cristian Toma, Camelia-Filofteia Diguță, Călina Petruța Cornea (2023). „Promising biofertilising endophytes as human pathogens suppressor agents.”. *AgroLife Scientific Journal*, 12(1)
151. Elena Ungureanu, Gabriel Mustatea, Andreea Mocanu, Alexandru Soare, Mona Elena Popa (2023). „RESEARCH ADVANCES IN EFFECTIVE REMOVAL OF HEAVY METALS FROM AQUEOUS SOLUTIONS-A REVIEW.”.
152. Mirela Drăgan, Silvana Mihaela Dănăilă-Guidea, Gabriela-Lucia Mărgărit, Ștefana Jurcoane (2023). „RESULTS ON THE DETERMINATIONS OF THE HONEY POTENTIAL OF BUCKWHEAT FLOWERS FROM THE CORNETU BEE”. *Romanian Journal for Plant Protection*, 16, 41–51. https://doi.org/10.54574/rjpp.16.05
153. Mirela Drăgan, Silvana Mihaela Dănăilă-Guidea, Gabriela-Lucia Mărgărit, Ștefana Jurcoane (2023). „RESULTS ON THE DETERMINATIONS OF THE HONEY POTENTIAL OF BUCKWHEAT FLOWERS FROM THE CORNETU BEE.”. *Romanian Journal for Plant Protection*, 16
154. Ionuț Georgică Marchidan, Mihaela Geicu-Cristea, Elisabeta Elena Popa, Gabriela Butnariu, Narcisa Elena Băbeanu (2023). „Review on different applications of Lavandula spp. as a source of bioactive compounds.”. *Scientific Bulletin Series F. Biotechnologies*, 27(1)
155. Behnaz RAHMANIFAR, Oana LIVADARIU, Călina Petruța CORNEA (2023). „REVIEW ON SECONDARY METABOLITES IN Salvia spp.”.
156. Mihaela GEICU-CRISTEA, Elisabeta Elena POPA, Paula Gabriela MANEA, Mihaela Cristina DRĂGHICI, Amalia Carmen MITELUȚ, Paul Alexandru POPESCU, Mona Elena POPA (2023). „ROMANIAN CONSUMER ATTITUDES REGARDING ALTERNATIVE PROTEIN SOURCES.”. *Scientific Bulletin Series F. Biotechnologies*, 27(2)
157. Radu Cristian Toma, Oana-Alina Boiu-Sicuia, Filofteia Camelia Diguta, Matilda Ciuca, Florentina Matei, Calina Petruta Cornea (2023). „SELECTED PLANT PROTECTION Bacillus STRAINS INCREASE FOOD SAFENESS BY INHIBITING HUMAN PATHOGENIC BACTERIA”. *ROMANIAN AGRICULTURAL RESEARCH*, 40, 609–619
158. MSO Mohammed, N Radu, M Voicescu, LC Pîrvu... (2023). „Studies regarding antioxidant properties of antimicrobial bioproducts formulated with natural polymers.”. *Scientific Bulletin Series F. Biotechnologies*, 27(1)
159. Mohammed Shaymaa Omar MOHAMMED, Nicoleta RADU, Rodica Roxana CONSTANTINESCU, Petruta CORNEA, Magdalina URSU, Narcisa BĂBEANU (2023). „Studies Regarding the Cytotoxicity of Antimicrobial Gels Formulated with Natural Biopolymers”. *Leather and Footwear Journal*, 23(2), 115–122. https://doi.org/10.24264/lfj.23.2.5
160. Mohammed Shaymaa Omar MOHAMMED, Nicoleta RADU, Rodica Roxana CONSTANTINESCU, Petruța CORNEA, Magdalina URSU, Narcisa BĂBEANU (2023). „STUDIES REGARDING THE CYTOTOXICITY OF ANTIMICROBIAL GELS FORMULATED WITH NATURAL BIOPOLYMERS”. *Revista de Pielărie Încălțăminte*, 23
161. Arina Oana Antoce, George Adrian Cojocaru, Cornel Baniță, Camelia Filofteia Diguță (2023). „Technological confirmation that low doses of medium chain fatty acids can arrest alcoholic fermentation to produce sweet wines in milder conditions”. *BIO Web of Conferences*, 68. https://doi.org/10.1051/bioconf/20236802019

162. Sabina-Andreea BOBEA, Nastasia BELC, Călina Petruța CORNEA (2023). „TECHNOLOGIES FOR SOURDOUGH OBTAINING, FERMENTATION AND APPLICATIONS-A REVIEW.”.
163. Laura Urdes, Marius Hangan (2023). „Teleost Fish”. https://doi.org/10.1002/9781119839729.ch2
164. Laura Urdes, Marius Hangan, Wes Baumgartner (2023). „Teleost fish”. *Pathology and Epidemiology of Aquatic Animal Diseases for Practitioners, John Wiley Sons, New Jersey, United States*, 81–114
165. Cristian-Alexandru TOADER, Floarea BURNICHI, Mona Elena POPA (2023). „THE EFFECT OF Trichoderma AND DIATOMITE ON THE GROWTH AND DEVELOPMENT PARAMETERS OF SOME BELL PEPPER SPECIES.”. *Scientific Bulletin Series F. Biotechnologies*, 27(1)
166. Amalia Carmen Miteluț, Elena Mănăilă, Silvana Dănăilă-Guidea, Mihaela Cristina Drăghici, Ion Nițu, Paul Alexandru Popescu, Elisabeta Elena Popa, Mihaela Geicu-Cristea, Mona Elena Popa (2023). „The effects of polymeric hydrogels on the growth and yield of Lactuca sativa l. under varying watering conditions”.
167. Lavinia - Diana – Nicoleta Buturugă - Barbu, Maria-Cristina Lumînare, Daniel Nicolae Cojanu, Sorina Dinu, Oana - Alina Boiu - Sicuia, Narcisa Băbeanu (2023). „THE INFLUENCE OF SOME BACTERIAL STRAINS ON THE GERMINATION OF GREEN SORREL SEEDS (RUMEX ACETOSA L.)”. *Romanian Journal for Plant Protection*, 16, 113–120. https://doi.org/10.54574/rjpp.16.14
168. Lavinia-Diana-Nicoleta BUTURUGĂ-BARBU, Cristina Maria LUMÂNARE, Daniel Nicolae COJANU, Sorina DINU, Oana-Alina BOIU-SICUIA, Narcisa BĂBEANU (2023). „THE INFLUENCE OF SOME BACTERIAL STRAINS ON THE GERMINATION OF GREEN SORREL SEEDS (RUMEX ACETOSA L.).”. *Romanian Journal for Plant Protection*, 16
169. DM Grigore, M Ungureanu-Iuga, EN Pogurschi, NE Babeanu (2023). „Transforming Rhodotorula sp. Biomass to Active Biologic Compounds for Poultry Nutrition. Agriculture 2023, 13, 1159”.
170. Adina NICHITA, Urszula TYLEWICZ, Mona Elena POPA (2023). „TRANSITION TO THE FUTURE: MEAT ANALOGUES CULTURED MEAT”. *AgroLife Scientific Journal*, 12(1), 132–142. https://doi.org/10.17930/agl2023116
171. Esamaldeen Ebrahim Mohamed Asawir, Oana-Alina Boiu-Sicuia, Calina Petruta Cornea (2023). „Unveiling the menace: fungal contamination in animal feed in Sudan and its impact on environment protection and natural resources management-a comprehensive review”.
172. TOMA RADU CRISTIAN (2023). „Utilizarea calculatorului”.
173. ME POPA (2023). „VALUABLE COMPOUNDS COMPOSITION OF BERRIES PROCESSING SIDE STREAM ME POPA, AC MITELUȚ, EE POPA, MC DRĂGHICI, PA POPESCU, VI POPA 2, S. DĂNĂILĂ-GUIDEA, A. STAN 2”. *Journal of EcoAgriTourism*, 17(2)
174. Aaron Lerner, David Kachlík, Abeer Al-Gharaibeh, Davide Luglietto, Adam Fleming, Diego Cotella, Adina Turcu-Stiolica, Dragos Catalin Jianu, Ah-Mee Park, Duncan Hill, Ajinkya S Sase, Elena Savvateeva, Alberto Verrotti, Elisa Maseroli, Albrecht Gunther, Emanuel Vamanu, Alexander Weil, Emmanuel Cognat, Alexandre González-Rodríguez, Enrico Opocher, Alexey Boyko, Esteban Sepúlveda, Amad Zafar, Farid Rahimi, Amy McTague, Federico Paolini Paoletti, André Toulouse, Filippo M Santorelli, Andrea Alexandre, Francesco Asci, Andrea Bartoli, Francesco Corea, Andrew C Gallup, Frédéric Gilbert, Anna Jamroz-Wiśniewska, Gaëtan Lesca, Axel Steiger, Georgios

Tsivgoulis, Ayataka Fujimoto, Gerrit Brinker, Barbara Remberk, Ghulam Md Ashraf, Bartłomiej Henryk Noszczyk, Gina Ferrazzano, Bernard Possidente, Giorgio Callovini, Briana R De Miranda, Giovanni Ferrara, Chenjie Shen, Gonçalo S Duarte, Chun-An Cheng, Goran Krstacic, Cristina Daia, Hans-Peter Hartung, Cyrus Motamed, Henry H Woo, Daniela Calina, Hongsun Guo, Danuta Szkutnik-Fiedler, Howan Leung, Dario Siniscalco, Ilona Rubi-Fessen, Daša Stupica, Jakov Milić (2022). „Acknowledgment to Reviewers of Neurology International in 2021".

175. Omar Mohammed M.S., Radu N., Schroder V., Constantinescu R.R., Babeanu N. (2022). „ANTIMICROBIAL PROPERTIES OF THE BIOPRODUCTS FORMULATED WITH CHITOSAN AND COLLAGEN". *ICAMS Proceedings of the International Conference on Advanced Materials and Systems*, 185–190. https://doi.org/10.24264/icams-2022.II.17
176. Mohammed Shaymaa Omar Mohammed, Nicoleta Radu, Verginica Schroder, Rodica Roxana Constantinescu, Narcisa Babeanu (2022). „Antimicrobial Properties of the Bioproducts Formulated with Chitosan and Collagen". https://doi.org/10.24264/icams-2022.ii.17
177. SOM Mohammed, N Radu, V Schroder... (2022). „Antimicrobial properties of the bioproducts formulated with chitosan and collagen". *Proceedings of the 9th International Conference on Advanced Materials and Systems (ICAMS 2022)*, 26–28. https://doi.org/109745548/icams-2022.ii
178. Ioana Tabrea, Lucia Pirvu, Narcisa Băbeanu, Călina Petruța CORNEA, Nicoleta Radu (2022). „Arctium lappa-a potential source of bioactive compounds with pharmaceutical applications.". *Scientific Bulletin Series F. Biotechnologies*, 26(1)
179. Valentina Vasile, Matilda CIUCĂ, Elena Nicolae, Cătălina VOAIDEȘ, Călina Petruța CORNEA (2022). „Assessment of genetic similarity and purity degree among several Romanian maize inbred lines using SSR markers.". *Scientific Bulletin Series F. Biotechnologies*, 26(1)
180. Elena L Ungureanu, Gabriel Mustatea, Mona Elena Popa (2022). „Assessment of potentially toxic elements and associated health risk in bottled drinking water for babies". *Applied Sciences*, 12(4)
181. Oana-Alina Boiu-Sicuia, Aurelia Diaconu, Alina Paraschiv, Călina Petruța Cornea (2022). „Bacterial endophytes as potential biocontrol agents against sweet potato pathogens.".
182. BS Oana (2022). „BACTERIAL ENDOPHYTES AS POTENTIAL BIOCONTROL AGENTS AGAINST SWEET POTATO PATHOGENS.". *Alina, D Aurelia...*
183. OE Pascariu, F Israel-Roming (2022). „Bioactive compounds from elderberry: Extraction, health benefits, and food applications. Processes, 10: e2288". *Go to original source*
184. Alice Grigore, Lucia Camelia Pirvu, Ionica Bejanaru, Georgeta Neagu, Camelia Filofteia Diguta, Luciana Glava, Carmen Ionita, Florentina Matei (2022). „Biochemical Profile and Antimicrobial Activity of an Herbal-Based Formula and Its Potential Application in Cosmetic Industry". *Applied Microbiology*, 2(1), 227–236. https://doi.org/10.3390/applmicrobiol2010016
185. Sorina Dinu, Oana-Alina Boiu-Sicuia, Lavinia-Diana-Nicoleta Barbu (2022). „BIOCONTROL BACTERIA AGAINST BOTRYTIS GRAY MOLD AND OTHER STRAWBERRY FUNGAL PATHOGENS". *Current Trends in Natural Sciences*, 11(22), 270–277. https://doi.org/10.47068/ctns.2022.v11i22.031
186. Elisabeta Elena Popa, Maria Râpă, Mihaela Geicu-Cristea, Amalia Carmen Miteluț, Paul-Alexandru Popescu, Mihaela Cristina Drăghici, Silvana Mihaela Dănăilă-Guidea, Mona Elena Popa

(2022). „Biodegradation of novel polylactic acid based biomaterials by different methods.”. *Scientific Bulletin Series F. Biotechnologies*, 26(2), 158–164

187. Agnes TOMA, Lucia MOLDOVAN, Oana CRACIUNESCU, Florentina ISRAEL-ROMING, Gabriela LUTA, Daniela BALAN (2022). „BIOMATERIALS BASED ON COLLAGEN AND POLYSACCHARIDES INVOLVED IN TISSUE REGENERATION - MINIREVIEW”. *Annals of the Academy of Romanian Scientists Series on Agriculture Silviculture and Veterinary Medicine*, 11(2), 95–104. https://doi.org/10.56082/annalsarsciagr.2022.2.95
188. Maria Râpă, Elisabeta Elena Popa (2022). „Biopolymers for Edible Films and Coatings in Food Applications”. https://doi.org/10.1007/978-981-16-6603-2_40-1
189. Serban-Eugen Cucu, Mona Elena Popa (2022). „Bread quality improvement by adding dehydrated sourdough in the recipe.”.
190. Iulia-Elena Susman, Mihaela Multescu, Gabriela Stamatie, Alina Culetu, Mona Elena Popa (2022). „Buckwheat vs. sorghum flour in gluten-free rice cookies enhanced with pea protein powder.”.
191. Veronica TANASA, Madalina DOLTU, SORA Dorin, Radu I. TANASA, Narcisa BABEANU (2022). „CARBENDAZIM RESIDUES QUANTIFICATION IN GREEN LETTUCE BY ENZYME-LINKED IMMUNOSORBENT ASSAY”. *Food and Environment Safety Journal*, 21(1). https://doi.org/10.4316/fens.2022.003
192. Asawir Esamaldeen Ebrahim Mohamed, Oana-Alina Boiu-Sicuia, Călina Petruța Cornea (2022). „Characterization of feed contamination by Fusarium sp. - a review.”.
193. PA Popescu, LM Palade, IC Nicolae, EE Popa, AC Miteluț, MC Drăghici, F Matei, ME Popa (2022). „Chitosan-based edible coatings containing essential oils to preserve the shelf life and postharvest quality parameters of organic strawberries and apples during cold storage ...”.
194. Elena Sergheeva, Mihaela Geicu-Cristea, Florentina Matei, Mona Elena Popa, Ravi JADEJA, Elisabeta Elena POPA, Ecaterina ROBU, Cristina POPOVICI (2022). „Consumer perceptions of functional foods for type 2 diabetes in Romania and Republic of Moldova”. *Journal of EcoAgriTourism*
195. Elena Sergheeva, Mihaela Geicu-Cristea, Florentina Matei, Mona Elena Popa, Elisabeta Elena Popa, Ecaterina Robu, Cristina Popovici (2022). „Development of functional foods for type 2 diabetes”. *Booklet of the 61st Science Conference of Ruse University, Bulgaria, 2022*
196. Cornea Calina Petruta Toma Radu, Camelia Filofteia Diguta, Oana Alina Boiu-Sicuia, Frincu Mihai (2022). „DIGITAL APPLICATION FOR REMOTE CONTROL OF BACTERIAL ENDOPHYTES GROWTH IN BIOREACTOR VIA INTERNET AS A DESIGN SOLUTION TO A VIRTUAL LABORATORY”. *Land Reclamation, Earth Observation Surveying, Environmental Engineering*, 11, 517–524
197. EE Popa, PA Popescu, AC Miteluț, MC Drăghici... (2022). „Edible coating for functionality improvement of minimally processed organic apples.”. *Journal of* ..., 18(2)
198. Lavinia-Diana-Nicoleta Barbu, Oana-Alina Boiu-Sicuia, Sorina Dinu, Cristina Maria Lumânare, Daniel-Nicolae Cojanu, Narcisa Băbeanu (2022). „Emodin extraction methods from Polygonaceae plants.”.
199. Daniel-Nicolae Cojanu, Oana-Alina Boiu-Sicuia, Ana-Maria Andrei, Călina Petruţa CORNEA (2022). „Entomopathogenic bacteria virulence factors and target pests.”.

200. AGNES TOMA, OANA CRACIUNESCU, LUCIA MOLDOVAN, TEODORA CIUCAN, RODICA TATIA, DANIELA ILIE, ELENA MIHAI, SIMONA SAVIN, CATALINA SANDA, ANCA OANCEA, STEFANA JURCOANE, FLORENTINA ISRAEL, DANIELA BALAN, GABRIELA LUTA (2022). „Enzymatic extraction, characterization and biological properties of protein hydrolysates from freshwater fish waste". *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 27(2), 3362–3367. https://doi.org/10.25083/rbl/27.2/3362.3367

201. Cătălina Stan, Adriana Muscalu, Floarea Burnichi, Carmen Popescu, Florentina Gatea, Oana-Alina Sicuia, Nicolae Valentin Vlăduț, Florentina Israel-Roming (2022). „Evaluation of essential oil and hydrolate from a new hyssop variety (Hyssopus officinalis L.)". *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 50(2), 12639–12639

202. Cristian-Alexandru Toader, Floarea Burnichi, Dumitru-Mitel Toma, Vasilica Manea, Emilian Mirea, Mona Elena Popa (2022). „Evaluation of the impact of the Trichoderma treatment in buzău bell pepper (Capsicum annuum) culture 10.".

203. Georgiana Micu, Oana-Alina Boiu-Sicuia, Cãlina Petruța Cornea (2022). „Genetic approaches to select L-asparaginase producing Bacillus strains.".

204. Maria Rodica Gurau, Elena Negru, Teodor Ionescu, Anca Amalia Udriste, Călina Petruța Cornea, Stelian Baraitareanu (2022). „Genetic Polymorphism at 15 Codons of the Prion Protein Gene in 156 Goats from Romania". *Genes*, 13(8)

205. Diana GROPOŞILĂ-CONSTANTINESCU, Andreea-Antonia MILITARU, POPA Gabriela, Luminiţa VIŞAN, Gabriela MĂRGĂRIT, Dana BARBA, TOMA Radu (2022). „HAND SANITIZERS MADE WITH NATURAL INGREDIENTS". *Scientific Bulletin. Series F. Biotechnologies*, 16(1), 152–157

206. Oana LIVADARIU, Ioana-Alexandra DICU (2022). „HIGHLIGHTING THE INFLUENCE OF PEA SPROUTS (Pisum sativum L.) ADDED TO MANGO (Mangifera indica L.) OR KIWI (Actinidia deliciosa) SORBET ON THE FINAL CONSUMER'S PURCHASING ...". *Scientific Bulletin Series F. Biotechnologies*, 26(1)

207. Andreea Elena Manolescu, Oana Boiu-Sicuia, Dorin Ioan Sumedrea, Carmen Popescu (2022). „Identification and characterization of some yeast strains from the Stefanesti – Arges Vineyard". *Romanian journal of Horticulture*, 3(3), 37–44. https://doi.org/10.51258/rjh.2022.05

208. Mihaela Geicu-Cristea, Elisabeta Elena Popa, Paul-Alexandru Popescu, Mihaela Cristina Drăghici, Amalia Carmen Miteluț, Mona Elena Popa (2022). „Impact of COVID-19 pandemic on the food safety requirements in the fish and seafood chain.". *Scientific Bulletin Series F. Biotechnologies*, 26(2)

209. C Mihai, RC Toma, C Cîmpeanu, F Matei (2022). „In Vitro Assessment of Yeasts Strains with Probiotic Attributes for Aquaculture Use. Foods 2023, 12, 124". https://doi.org/10483060/pdf

210. F Pantilimonescu, C Buzea, A Sapcaliu, M Magdici, V Savu, D TĂPĂLOAGĂ, G MĂRGĂRIT, L BĂDIC (2022). „Intelligent device for detecting nuclear radiation using honey bees as biological living sensors.". *Lucrari Stiintifice: Seria Medicina Veterinara*, 65(1)

211. ENACHE MONICA, SIMION LENUȚA IULIANA (2022). „Internal secretory structures in Hypericum patulum – a selection of optic microscopy images". *Lucrări ştiinţifice Seria Horticultură*, 65(2)

212. Roxana Zaharia, Cristina Petrisor, Petruta Cornea, Camelia Diguta, Stelica Cristea, Stefan Sorin (2022). „ISOLATION AND MOLECULAR IDENTIFICATION OF FUNGAL ISOLATES FROM STORED CEREALS USING PCR-RFLP METHOD". *ROMANIAN AGRICULTURAL RESEARCH*, 39
213. Mohammed Shaymaa Omar Mohammed, Narcisa Babeanu, Călina Petruţa CORNEA, Nicoleta Radu (2022). „Limonene-a biomolecule with potential applications in regenerative medicine.". *Scientific Bulletin Series F. Biotechnologies*, 26(2)
214. Lavinia-Diana-Nicoleta Barbu, Oana-Alina Boiu-Sicuia, Călina Petruța Cornea, Narcisa Băbeanu (2022). „Microbial biostimulants increase bioactive compounds in medicinal plants-a review.".
215. CALINA PETRUTA CORNEA, SORIN MATEI, MATILDA CIUCA, CATALINA VOAIDES, MIRELA MATEI, GABRIELA POPA, ANETA POP (2022). „Molecular polymorphism in Romanian isolates of Trichoderma spp. with antifungal properties". *Studies in Science of Science| ISSN: 1003-2053*, 40(11), 32–38
216. M Zamfir, IR Angelescu, C Voaides, CP Cornea, O Boiu-Sicuia, SS Grosu-Tudor (2022). „Non-dairy fermented beverages produced with functional lactic acid bacteria. Microorganisms 2022; 10: 2314".
217. Iuliana Diana Barbulescu, Mihai Frîncu, Mihaela Begea, Razvan Ionuţ Teodorescu, Corina Dumitrache, Ioana Simona Marculescu, Cornel-Daniel Banita, Carmen-Rodica Vrinceanu, Gabriela Soreanu, Igor Cretescu (2022). „Obtaining active dry wine yeast biomass at the micropilot level".
218. Ionuț-Cristian Rusu, Alexandru Valentin Zăgrean, Florentina Israel-Roming (2022). „Research on bioconversion of lignocellulosic waste for the cultivation of biocompounds producing macromycetes.". *Scientific Bulletin Series F. Biotechnologies*, 26(2)
219. Mirela DRĂGAN, Stelica CRISTEA, Stefana JURCOANE, Silvana Mihaela DĂNĂILĂ-GUIDEA (2022). „RESEARCH ON CULTURES OF HONEY PLANTS AT THE LEVEL OF CORNETU COMMUNE, IN ILFOV COUNTY - MINIREVIEW". *Annals of the Academy of Romanian Scientists Series on Agriculture Silviculture and Veterinary Medicine*, 11(2), 77–87. https://doi.org/10.56082/annalsarsciagr.2022.2.77
220. Mihaela-Monica Dinu, Ana-Cristina Fătu, Narcisa Băbeanu (2022). „Research on the pathogenicity of autochthonous entomopathogenic fungi in Trialeurodes vaporariorum Westwood".
221. Ana Valentina ARDELEAN, Ana Maria MOROSANU, Ioan ARDELEAN, Cristina MOISESCU, Calina Petruta CORNEA (2022). „REVIEW ON KNOWLEDGE GAP IN Brachiaria GRASS RESEARCH AND UTILIZATION: ETHIOPIAN PERSPECTIVE". *AgroLife Scientific Journal*, 11(1), 9–17. https://doi.org/10.17930/agl202211
222. Oana Andreea CHEOAFA, Diana CONSTANTINESCU-ARUXANDEI, Daria Gabriela POPA, Luminita DIMITRIU, Florin OANCEA, Calina Petruta CORNEA (2022). „SCREENING OF BACTERIAL CONSORTIA FOR A BIOAUGMENTED BIOASSAY OF FLUSHABLE WIPES BIODEGRADATION". *AgroLife Scientific Journal*, 11(1), 27–36. https://doi.org/10.17930/agl202213
223. Magda Nenciu, John A. Theodorou, Mihaela Geicu-Cristea, Victor Niță (2022). „Screening the Implementation of HACCP Principles in the Romanian Seafood Industry. Case Studies and Optimisation Scenarios". *Cercetări Marine - Recherches Marines*, 52(1), 123–147. https://doi.org/10.55268/cm.2022.52.123

224. Paul-Alexandru Popescu, Vlad Ioan Popa, Amalia Carmen Mitelut, Elisabeta Elena Popa, Mihaela Cristina Draghici, Mona Elena Popa (2022). „State of the Art on Functional Coatings for Applications in The Agri-Food Industry". *BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY*, 78(2), 1–10. https://doi.org/10.15835/buasvmcn-fst:2021.0022

225. Ion-Mihai Giurescu, Călina Petruța Cornea, Florin Oancea (2022). „Stimulation of seabuckthorn (Elaeagnus rhamnoides) microbial symbioses.".

226. Mihai Frîncu, Iuliana-Diana Bărbulescu, Mihaela Begea, Răzvan-Ionuț Teodorescu, Corina Dumitrache, Valerica Tudor, Cornel-Daniel Baniță, Ioana-Simona Mărculescu, Alexandru-Ionuț Cîrîc, Petre-Andrei Cătălin, Carmen-Rodica Vrînceanu, Tóth Tamás, György Bázár (2022). „Studies on obtaining active dry wine yeast using different nitrogen sources".

227. Mirela DRĂGAN, Roxana SPULBER, Oana LIVADARIU, Ștefana JURCOANE (2022). „THE ANTIOXIDANT EFFECT OF RAW BEE POLLEN COLLECTED FROM ECOLOGICAL CROPS-MINIREVIEW.". *Scientific Bulletin Series F. Biotechnologies*, 26(2)

228. Ioana Stanciu, Elena Elisabeta Popa, Mona Elena Popa (2022). „The content of bioactive substances in sea buckthorn and the functional potential of its waste.". *Journal of Agroalimentary Processes Technologies*, 28(1)

229. Mihaela Monica Dinu, Ana-Cristina Fătu, Narcisa Băbeanu (2022). „The great potential of entomophthoralean fungi for biological control: a review.".

230. Ana Valentina Ardelean, Cristina Moisescu, Ana-Maria Moroşanu, Mihaela Marilena Stancu, Ioan Ardelean, Calina Petruţa Cornea (2022). „THE USE OF A SELECTED FAST-SEDIMENTATION GREEN MICROALGAE FOR WASTEWATER TREATMENT". *Current Trends in Natural Sciences*, 11(22), 127–136. https://doi.org/10.47068/ctns.2022.v11i22.015

231. Sabina-Andreea Bobea, Nastasia Belc, Călina Petruța Cornea (2022). „The use of acid dried sourdough starter to improve sensory properties and bread's shelf life-a review.".

232. LOUISE HERVOUET, PAUL ALEXANDRU POPESCU, STEFANA JURCOANE (2022). „The use of mushrooms as source of protein in market products". *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 27(4), 3575–3582. https://doi.org/10.25083/rbl/27.4/3575.3582

233. SK Mishra, V Balendra, J Esposto, AA Obaid, RB Maccioni, NK Jha, G Perry, M Moustafa, M Al-Shehri, MP Singh, AA Khan, E Vamanu, SK Singh (2022). „Therapeutic Antiaging Strategies. Biomedicines 2022, 10, 2515".

234. Amalia-Carmen MITELUȚ, Silvana Mihaela DĂNĂILĂ-GUIDEA, Paul-Alexandru POPESCU, Mihaela-Cristina DRĂGHICI, Elisabeta Elena POPA, Mona Elena POPA (2022). „Use of hydrogels as a sustainable solution for water and nutrients management in plant culture". *Scientific Bulletin Series F. Biotechnologies*, 26(2), 73–81

235. Lavinia Diana Nicoleta Barbu, Oana-Alina Boiu-Sicuia (2021). „"PLANT-BENEFICIAL MICROBIAL INOCULANTS AND THEIR FORMULATION – A REVIEW"". *Romanian Journal for Plant Protection*, 14, 32–43. https://doi.org/10.54574/rjpp.14.05

236. Sorin Nitu, Mihaela Geicu-Cristea, Florentina Matei (2021). „A preliminary study on the potential of Romanian native flora to obtain milk-clotting plant proteases.". *Scientific Papers. Series D. Animal Science*, 64(2)

237. Ruxandra-Daniela Dumitru, Oana Livadariu (2021). „A review of contamination control in pharmaceutical industry in the current SARS-CoV-2 pandemic context.”.
238. Andrei Constantin Ioan ARLET, Aglaia POPA, Alexandru GROSU, Florentina ISRAEL-ROMING (2021). „ANTHOCYANINS IN PURPLE MAIZE”. *Scientific Bulletin Series F. Biotechnologies*, 25(1)
239. Denisa CIOTEA, Mark SHAMTSYAN, Mona Elena POPA (2021). „ANTIBACTERIAL ACTIVITY OF PEPPERMINT, BASIL AND ROSEMARY ESSENTIAL OILS OBTAINED BY STEAM DISTILLATION”. *AgroLife Scientific Journal*, 10(1), 75–82. https://doi.org/10.17930/agl202117
240. Mihaela Mulțescu, Iulia-Elena Susman, Floarea Burnichi, Florentina Israel-Roming (2021). „Antioxidant activity in selected Brassicaceae vegetables.”. *Scientific Bulletin Series F. Biotechnologies*, 25(1)
241. Valentina Vasile, Matilda Ciucă, Elena Nicolae, Cătălina VOAIDEȘ, Călina Petruța Cornea (2021). „Assessing the most appropriate PCR conditions for SSR markers in wheat cultivars study.”. *Scientific Bulletin Series F. Biotechnologies*, 25(1)
242. CRISTINA OBREJA, LAURA-DORINA DINU, CARMEN MATEESCU, CRISTIAN BANCIU, GABRIEL-MIHAI MARIA (2021). „Assessment of environmental pollution with rare-earth metals through bioaccumulation studies using vegetal bioindicators”. *Journal of Engineering Sciences and Innovation*, 6(1), 57–70. https://doi.org/10.56958/jesi.2021.6.1.5
243. Augustina Pruteanu, Nicoleta Alexandra Vanghele, Bogdan Mihalache, Oana-Alina Boiu-Sicuia, Carmen Popescu, Nicoleta Vrînceanu (2021). „BEHAVIOUR OF MUSTARD PLANTS GROWN IN CONTAMINATED SOIL”. *Acta Technica Corviniensis-Bulletin of Engineering*, 14(1), 91–95
244. KOFFI Yao Fulgence, TRAORE Moumouny, YAPI Yapi Eric, Louis BAN KOFFI, Camelia DIGUTA, Mireille W.A. ALLOUE-BORAUD, Florentina MATEI (2021). „Biocontrol of Post-harvest Fungal Diseases of Pineapple (Ananas comosus L.) Using Bacterial Biopesticides”. *American Journal of Microbiological Research*, 9(2), 34–43. https://doi.org/10.12691/ajmr-9-2-1
245. Elisabeta Elena Popa, Amalia Carmen Mitelut, Paul Alexandru Popescu, Mihaela Cristina Draghici, Vlad Ioan Popa, Maria Rapa, Mona Elena Popa (2021). „Biodegradable polymeric systems for meat packaging-a review.”.
246. Lavinia-Diana-Nicoleta Barbu, Oana-Alina Boiu-Sicuia, Narcisa Babeanu (2021). „BIOLOGICAL ACTIVE COMPOUNDS OF THE POLYGONACEAE FAMILY-A REVIEW.”.
247. ANCUȚA CRÎNGAȘU, MATILDA CIUCĂ, Cristina Daniel, Călina-Petruța Cornea, Gheorghe Ittu, Elena-Laura Conțescu (2021). „Characterization of Checo/F95-927 pea (Pisum sativum L.) population for winter frost tolerance using molecular markers”.
248. Cringasu (Barbieru), Ancuta, Matilda Ciuca, Cristina Daniel, Calina-Petruta Cornea, Gheorghe Ittu, Elena-Laura Contescu (2021). „Characterization of Checo/F95-927 pea (Pisum sativum L.) population for winter frost tolerance using molecular markers”. *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 26(1), 2262–2268
249. Ionescu (Bordei), Natalita, Andreea-Miruna Neagu, Anca Daniela Raiciu, Mariana Popescu, Oana Livadariu (2021). „Characterization of some vegetable oils in order to use them in the treatment of the varicose veins”. *ROMANIAN BIOTECHNOLOGICAL LETTERS*, 26(2), 2370–2374

250. D. Clotea, E. Ungureanu, G. Mustatea, M. Popa (2021). „Chemical Contamination in Packaging Material of Pharmaceutical Use”. *Bulletin of the Transilvania University of Brasov Series I Engineering Sciences*, 14(63)(1), 1–8. https://doi.org/10.31926/but.ens.2021.14.63.1.1
251. Monica Enache, Silvana Mihaela Dănăilă-Guidea, Marius Hangan (2021). „Comparative study of light microscopy images of pollen from 3 Onagraceae species.”. *Scientific Bulletin. Series F. Biotechnologies*, 25(1), 175–180
252. Popa Mona Elena, Ungureanu Elena Loredana, Mitelut Amalia Carmen, Popa Elisabeta Elena, Jurcoane Alexandra (2021). „Consumer preferences and expectations”.
253. Silvana Mihaela DĂNĂILĂ-GUIDEA, Gabriela NEAȚĂ, Floarea BURNICHI, Paul Alexandru POPESCU, Ricuța Vasilica DOBRINOIU, Mihaela DRĂGHICI, Valerica Luminița VIȘAN, Gabriela MĂRGĂRIT, Elisabeta Elena POPA, Amalia Carmen MITELUȚ, Mihaela GEICU-CRISTEA, Georgia OLARU, Mona Elena POPA (2021). „Cultivation Technologies Applied in the Production of Tomato Plants for Obtaining Safe Food Products under the Conditions of Climate Change”. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Horticulture*, 78(1), 46–55. https://doi.org/10.15835/buasvmcn-hort:2020.0030
254. S Oancea, M Popa, M Răcuciu, S Oancea, FM Popa-Vecerdea, M Răcuciu (2021). „Effects of non-thermal postharvest irradiation of dried mushrooms on their antioxidant content and activity”. *Rom. Rep. Phys*, 73
255. Oana-Alina Boiu-Sicuia, Cãlina Petruta Cornea (2021). „Endophytes access pathways in Momordica charantia L.”.
256. S. Jurcoane E. Mihai (Drăghici), A. Oancea, O.Crăciunescu, D.Ilie, C. Sanda, D. Bălan (2021). „Extraction and identification of the main allergens from fried peanuts”. *Sci. Bull., series F Biotechnologies*, 25(2), 41–46
257. Iulia Elena SUSMAN, Marina SCHIMBATOR, Alina CULEȚU, Mona Elena POPA (2021). „Formulation of Gluten-Free Cookies with Enhanced Quality and Nutritional Value”. *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Food Science and Technology*, 78(1), 113–121. https://doi.org/10.15835/buasvmcn-fst:2020.0046
258. Elena-Claudia Stoican, Claudia-Elena MOȘOIU, Florentina Israel-Roming (2021). „Gluten-free products and possibilities of new formulation for improving textural and nutritional characteristics-review.”. *... Bulletin Series F ...*, 25(1)
259. Georgiana Cerchezan, Florentina Israel-Roming (2021). „IDENTIFYING SYNTHETIC COLORANTS FROM WINE BY UPLC”. *Scientific Bulletin Series F. Biotechnologies*, 25(2)
260. Şerban-Eugen Cucu, Mona Elena Popa (2021). „Improving bread aroma using sourdough fermentation.”. *Scientific Bulletin Series F. Biotechnologies*, 25(1)
261. Ioana Stanciu, Mona Elena Popa (2021). „Improving nutritional value and sensorial properties of bakery products using functional ingredients.”. *Scientific Bulletin Series F. Biotechnologies*, 25(1)
262. Lavinia Diana Nicoleta Barbu, Oana Alina Boiu-Sicuia (2021). „In vitro effect of salinity and pH on Fusarium sp., the causal agent of sweet-potato root rot”.
263. F Gatea, I Sârbu, E Vamanu (2021). „In Vitro Modulatory Effect of Stevioside, as a Partial Sugar Replacer in Sweeteners, on Human Child Microbiota. Microorganisms 2021, 9, 590”.

264. D. Horneț G.A., Negoiță M., Mihai A.L., Adascălului A.C., Bălan (2021). „Influence of potato variety and type of oil used in frying potatoes on acrylamide level". *Current Trends in Natural Sciences*, 10(19), 99–104
265. Denisa Ciotea, Mona Elena Popa (2021). „Influence of preservation method on peppermint, basil and rosemary plant extracts chemical composition.".
266. Manuel DRUGULESCU, Bucharest University of Agronomic Sciences and Veterinary Medicine of Bucharest, Cristina Elena DINU-PIRVU, Narcisa BABEANU (2021). „Inulin obtained from Jerusalem artichoke using microwave-assisted extraction and its metabolic influence". *Archives of the Balkan Medical Union*, 56(4), 477–487. https://doi.org/10.31688/abmu.2021.56.4.12
267. AC Miteluț, EE Popa, MC Drăghici, PA Popescu, VI Popa, OC Bujor (2021). „Latest developments in edible coatings on minimally processed fruits and vegetables: A review. Foods, 10 (11), Article 2821".
268. MUSTATEA GABRIEL, E Ungureanu, POPA MONA ELENA (2021). „Levels of lead and cadmium on wheat flours on the Romanian market: An atomic absorption spectrometry analysis". *Annals of the University of Craiova-Agriculture, Montanology, Cadastre Series*, 50(1), 284–289
269. Catalina Voaides, Nicoleta Radu, Elena Birza, Narcisa Babeanu (2021). „Medlar—A comprehensive and integrative review".
270. C Persu, I Găgeanu, D Cujbescu, G Gheorghe, D Anghelache, G Stroescu, D Dumitru, OA Boiu-Sicuia (2021). „Method of determining the vegetation status of a weed crop using an agricultural drone.".
271. Agnes Toma, Lucia Moldovan, Oana Craciunescu, Stefana Jurcoane, Florentina Israel-Roming, Daniela Balan, Gabriela Luta (2021). „Methods for obtaining collagen from various fish sources.". *Sci. Bull., series F Biotechnologies*, 25(2), 133–142
272. OA Boiu-Sicuia, LDN Barbu, C Persu (2021). „Microbial inoculants for sweet potato [Ipomoea batatas (L.) Lam.].". *Sicuia, LDN Barbu, C Persu*, 54–61. https://doi.org/10.5555/20220520316
273. Oana Gherghescu, Angela CĂŞĂRICĂ, Mişu MOSCOVICI, Narcisa BĂBEANU, Florentina ISRAEL-ROMING (2021). „Microbial lipases: obtaining, purifying and characterization review.". *Scientific Bulletin Series F. Biotechnologies*, 25(2)
274. Sorin Nitu, Mihaela Geicu-Cristea, Florentina Matei (2021). „Milk-clotting enzymes obtained from plants in cheesemaking-a review.".
275. Alexandra GRIGORAŞ, Aglaia POPA, Florentina ISRAEL-ROMING (2021). „NEW INSIGHTS ON LIGNIN DEGRADATION". *ROMING*, 25(2), 115–124
276. Iuliana Diana Bărbulescu, Mihaela Violeta Ghica, Mihaela Begea, Mădălina Georgiana Albu Kaya, Răzvan Ionuț Teodorescu, Lăcrămioara Popa, Simona Ioana Mărculescu, Alexandru Ionuț Cîrîc, Corina Dumitrache, Dumitru Lupuliasa, Florentina Matei, Cristina-Elena Dinu-Pîrvu (2021). „Optimization of the fermentation conditions for brewing yeast biomass production using the response surface methodology and Taguchi Technique". *Agriculture*, 11(12)
277. ID Barbulescu, MV Ghica, M Begea, MG Albu Kaya, RI Teodorescu, L Popa, SI Marculescu, AI Cîrîc, C Dumitrache, D Lupuliasa (2021). „Optimization of the Fermentation Conditions for

Brewing Yeast Biomass Production Using the Response Surface Methodology and Taguchi Technique. Agriculture 2021, 11, 1237".

278. BS Oana (2021). „PATHOGENIC FUNGI ASSOCIATED WITH SWEET POTATO AND THE BIOCONTROL POTENTIAL OF A Bacillus subtilis STRAIN". *Alina, BLD Nicoleta...*
279. Oana-Alina Boiu-Sicuia, Lavinia Diana Nicoleta Barbu, George Coteț, Alina Paraschiv (2021). „Pathogenic fungi associated with sweet potato and the biocontrol potential of a Bacillus subtilis strain.".
280. Enache Monica, Hangan Marius, Dănăilă-Guidea Silvana Mihaela (2021). „Pollen analysis of the endemic Paeonia peregrina Mill. Through light microscopy technique". *Annals of The University Of Craiova*, 26, 229–232
281. Sachchida Nand, Payal Singh, Ritu Varshney, Vivek K. Chaturvedi, Emanuel Vamanu, Mohan Singh, Brijesh Kumar Singh (2021). „Promising drug targets and associated therapeutic interventions in Parkinson's disease". *Neural Regeneration Research*. https://doi.org/10.4103/1673-5374.306066
282. Gabriel Mustatea, Elena L Ungureanu, Sorin C Iorga, Denisa Ciotea, Mona E Popa (2021). „Risk assessment of lead and cadmium in some food supplements available on the Romanian market". *Foods*, 10(3)
283. Mihaela Geicu-Cristea, Paul-Alexandru Popescu, Diana Căpran, Mihaela-Cristina Drăghici, Elisabeta Elena Popa (2021). „Romanian consumer behaviour regarding pasta consumption during the COVID 19 pandemic.".
284. ENACHE MONICA, HANGAN MARIUS (2021). „Size and type of pollen grains of some melliferous plants in Romania". *Scientific Bulletin. Series F. Biotechnologies*, XXV(2)
285. Monica Enache, Marius Hangan (2021). „Size and type of pollen grains of some melliferous plants in Romania.". *Scientific Bulletin Series F. Biotechnologies*, 25(2)
286. Ana Valentina Ardelean, Ioan Ardelean, Loredana Mirela SFÎRLOAGĂ, Călina Petruța CORNEA (2021). „Some biotechnological applications of Cyanobacteria and green microalgae.". *Scientific Bulletin Series F. Biotechnologies*, 25(1)
287. Cornea Calina Petruta Albu Proca Cristina, Groposila-Constantinescu Diana, Camelia Filofteia Diguta, Popa Gabriela, Matei Florentina (2021). „Some factors influecing Trichoderma laccase production in submerged culture". *Scientific Bulletin. Series F. Biotechnologies*, 15(2), 93–98
288. Cristina Valentina Albu, Elias Ezzaaf, Diana Gropoșilă-Constantinescu, Camelia Diguță, Gabriela Popa, Florentina Matei, Călina Petruța Cornea (2021). „Some factors influecing Trichoderma laccase production in submerged culture.".
289. Iulia-Elena Susman, Marina Schimbator, Gabriela Stamatie, Alina Culețu, Alina Dobre, Mihaela Mulțescu, Mona Elena Popa (2021). „Sourdough fermentation in gluten-free bread: a shelf-life improvement.". *Scientific Bulletin Series F. Biotechnologies*, 25(2)
290. Cristina Monica Dabulici, Emanuel Vamanu, Nand Rai Sachchida (2021). „The biological activity in vivo and in vitro of Centaurea cyanus, Lactarius piperatus and Ribes rubrum.". *Scientific Bulletin Series F. Biotechnologies*, 25(1)

291. Oana-Alina Boiu-Sicuia, Vasilica Stan, Călina Petruța Cornea (2021). „THE COMPOST, A SOURCE OF PLANT BENEFICIAL BACTERIA WITH BIOCONTROL POTENTIAL". *Current Trends in Natural Sciences*, 10(20), 32–38. https://doi.org/10.47068/ctns.2021.v10i20.004
292. Mariana Valentina Petre, Gabriela Daniela Stamatie, Mona Elena Popa (2021). „The evolution of the quality parameters on the stored wheat.".
293. Loredana SUCIU, Adina TARAU, Camelia URDA, Felicia CHETAN, Felicia MURESANU, Laura SOPTEREAN, Oana Alina BOIU-SICUIA, Lavinia Diana Nicoleta BARBU (2021). „THE INFLUENCE OF BACTERIAL INOCULATS ON PATHOGENS, YIELD AND QUALITY IN SOYBEAN CROP". *AgroLife Scientific Journal*, 10(1), 221–226. https://doi.org/10.17930/agl2021125
294. Aurora Dobrin, Maria Mihaela Zugravu, Andrei Mot, Marian Musat, Floarea Burnichi, Roxana Ciceoi (2021). „THE INFLUENCE OF MICROBIAL INOCULANTS ON MICRO- AND MACRONUTRIENTS ON CALCARIC ALLUVIAL SOIL, BUZAU, ROMANIA". *ROMANIAN AGRICULTURAL RESEARCH*, 38, 487–494
295. Barcanu E., Agapie O.L., Gherase I., Tanase B.E., Negosanu G., Vinatoru C., Draghici M. (2021). „The influence of organic and chemical fertilization on new sweet peppers (Capsicum annuum L.) cultivars obtained in Romania". *Acta Horticulturae*, 1327, 229–236. https://doi.org/10.17660/ActaHortic.2021.1327.30
296. Gabriela Daniela STAMATIE, Denisa Eglantina DUȚĂ, Alina Culețu, Iulia Elena SUSMAN, Marina SCHIMBATOR, Florentina ISRAEL-ROMING (2021). „The Influence of Plant Proteins (from Pleurotus, pea, corn, soy, oat, hemp and sea buckthorn) Addition on Wheat Dough Rheology". *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Food Science and Technology*, 78(1), 101–112. https://doi.org/10.15835/buasvmcn-fst:2020.0047
297. E Vamanu, SN Rai (2021). „The link between obesity, microbiota dysbiosis, and neurodegenerative pathogenesis. Diseases. 2021; 9: 45".
298. SN Rai, P Singh, HW Steinbusch, E Vamanu, G Ashraf, MP Singh (2021). „The Role of Vitamins in Neurodegenerative Disease: An Update. Biomedicines 2021, 9, 1284".
299. E Vamanu, LD Dinu, DR Pelinescu, F Gatea (2021). „Therapeutic Properties of Edible Mushrooms and Herbal Teas in Gut Microbiota Modulation. Microorganisms 2021, 9, 1262".
300. Amalia Carmen Mitelut, Elisabeta Elena Popa, Paul Alexandru Popescu, Mona Elena Popa, C Galanakis (2021). „Trends in wheat and bread making".
301. AC Mitelut, EE Popa, PA Popescu, ME Popa (2021). „Trends of innovation in bread and bakery production. Trends in wheat and bread making, 199–226".
302. CĂTĂLINA STAN TUDORA, ADRIANA MUSCALU, OANA BOIU-SICUIA, FLOAREA BURNICHI, VALENTIN VLĂDUȚ (2021). „USE OF ESSENTIAL OILS AS GREEN BIOPESTICIDES". *Annals of the University of Craiova - Agriculture Montanology Cadastre Series*, 51(2), 501–518. https://doi.org/10.52846/aamc.2021.02.59
303. Mona Elena Popa, AC Miteluț, Elisabeta Elena Popa, MC Drăghici, Paul Alexandru Popescu, Vlad Ioan Popa, S Dănăilă-Guidea, Andreea Stan (2021). „Valuable compounds composition of berries processing side stream.". *Journal of EcoAgriTourism*, 17(2)

304. Sachchida Nand Rai, Payal Singh, Ritu Varshney, Vivek K Chaturvedi, Emanuel Vamanu, MP Singh, Brijesh Kumar Singh (2021). „有希望成为帕金森病的新药物靶标和相关的治疗干预措施”.