

**ARTICOLE PUBLICATE ÎN REVISTE COTATE ISI
(CU FACTOR DE IMPACT)
2020 - 2021**

2021				
Nr. Crt.	Autori	Titlu articol	Jurnal/Revista	FI
1.	Darie Nita R., Rapa M., Sivertsvik M., Rosnes J.T., Popa E.E., Dumitriu R.P., Marincas O., Matei E., Predescu C., Vasile C.	PLA-Based Materials Containing Bio-Plasticizers and Chitosan Modified with Rosehip Seed Oil for Ecological Packaging	Polymers	4.329
2.	Pogurschi E., Popa D.C., Custura I., Tudorache M., Ranga I., Zugravu C., Munteanu M.	Determination of Acrylamide in Selected Foods from the Romanian Market	Foods	4.350
3.	Mitelut A., Popa E.E., Draghici M., Popescu P.A., Popa V.I., Bujor-Nenita O.C., Ion V.A., Popa M.E.	Latest Developments in Edible Coatings on Minimally Processed Fruits and Vegetables: A Review	Foods	4.350
4.	Palade M., Croitoru C., Albu C., Radu G.L., Popa M.E.	Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods	Separations	2.77
5.	Mustatea G., Ungureanu E., Iorga S.C., Ciotea D., Popa M.E.	Risk Assessment of Lead and Cadmium in Some Food Supplements Available on the Romanian Market	Foods	4.350
6.	Valu M.V., Soare L.C., Ducu C., Moga S., Negrea D., Vamanu E., Balseanu T.A., Carradori S., Hritcu L., Boiangiu R.S.	<i>Hericium erinaceus</i> (Bull.) Pers. Ethanolic Extract with Antioxidant Properties on Scopolamine-Induced Memory Deficits in a Zebrafish Model of Cognitive Impairment	Journal of Fungi	5.816
7.	Angelini P., Vuguziga L., Matei F.	Metabolomic Profiling, Antioxidant and Antimicrobial Activity of <i>Bidens pilosa</i>	Processes	2.847

8.	Valu M.V., Ducu C., Moga S., Negrea D., Hritcu L., Boianuiu R.S., Vamanu E., Balseanu T.A., Carradori S., Soare L.C.	Effects of the Hydroethanolic Extract of <i>Lycopodium selago</i> L. on Scopolamine-Induced Memory Deficits in Zebrafish	Pharmaceuticals	5.863
9.	Racovita R.C., Secuianu C., Israel Roming F.	Quantification and risk assessment of carcinogenic polycyclic aromatic hydrocarbons in retail smoked fish and smoked cheeses	Food Control	4.258
10.	Cornea C.P., Ciuca M., Cristina D., Manda V.	Assessment of 25 genes reported to influence thousand grain weight in winter wheat germplasm	Cereal Research Communications	0.85
11.	Barbulescu I.D., Ghica M., Begea M., Albu K.M.G., Teodorescu R., Popa L., Marculescu S.I., Ciric A.I., Dumitrache C., Lupuliasa D., Matei F., Dinu-Parvu C.E.	Optimization of the Fermentation Conditions for Brewing Yeast Biomass Production Using the Response Surface Methodology and Taguchi Technique	Agriculture	2.925
12.	Danaila Guidea S., Delian E., Popescu P.A., Draghici M., Margarit G.L., Popa E.E., Badulescu L., Nicolae C.I.	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	1.444
13.	Rai S.N., Tiwari N., Mishra D., Singh A.K., Hooshmandi E., Vamanu E., Singh M.P.	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	4.677
14.	Ene N., Vladu M.G., Lupescu I., Ionescu A.D., Vamanu E.	The Production of Biodegradable Polymers-Medium-Chain-Length Polyhydroxyalkanoates (mcl-PHA) in <i>Pseudomonas putida</i> for Biomedical Engineering Applications	Current Pharmaceutical Biotechnology	2.837
15.	Rai S.N., Singh P., Steinbusch H.W.M., Vamanu E., Ashraf G., Singh M.P.	The Role of Vitamins in Neurodegenerative Disease: An Update	Biomedicines	6.081
16.	Vamanu E., Dinu L.D., Pelinescu D., Gatea F.	Therapeutic Properties of Edible Mushrooms and Herbal Teas in Gut Microbiota Modulation	Microorganisms	4.128
17.	Singh A.K., Rai S.N., Maurya A., Mishra	Therapeutic Potential of Phytoconstituents in	Evidence-Based	2.629

	G., Awasthi R., Shakya A., Chellappan D.K., Dua K., Vamanu E., Chaudhary S.K., Singh M.P.	Management of Alzheimer's Disease	Complementary and Alternative Medicine	
18.	Petre A., Ene M., Negut D.C., Gatea F., Vamanu E.	The use of gamma irradiation to stimulate bioactive compound synthesis in <i>Inonotus obliquus</i> submerged cultures	Nukleonika	0.941
19.	Vamanu E., Dinu L.D., Luntraru C.M., Suci A.	<i>In Vitro</i> Coliform Resistance to Bioactive Compounds in Urinary Infection, Assessed in a Lab Catheterization Model	Applied sciences	2.679
20.	Petre A., Ene M., Vamanu E.	Submerged Cultivation of <i>Inonotus obliquus</i> Mycelium Using Statistical Design of Experiments and Mathematical Modeling to Increase Biomass Yield	Applied sciences	2.679
21.	Gatea F., Sarbu I., Vamanu E.	<i>In Vitro</i> Modulatory Effect of Stevioside, as a Partial Sugar Replacer in Sweeteners, on Human Child Microbiota	Microorganisms	4.128
22.	Rai S.N., Mishra D., Singh P., Vamanu E., Singh M.P.	Therapeutic applications of mushrooms and their biomolecules along with a glimpse of in silico approach in neurodegenerative diseases	Biomedicine and Pharmacotherapy	6.529
23.	Rai S.N., Singh P., Ritu V., Chaturvedi V.K., Vamanu E., Singh M.P., Singh B.K.	Promising drug targets and associated therapeutic interventions in Parkinson's disease	Neural Regeneration Research	3.171
24.	Voaides C., Radu N., Birza E., Babeanu N.E.	Medlar – A comprehensive and integrative review	Plants	3.935

2020				
Nr. Crt.	Autori	Titlu articol	Jurnal/Revista	FI
1.	Fierascu R., Temocico G., Fierascu I., Ortan A.R., Babeanu N.E.	Fragaria Genus: Chemical Composition and Biological Activities	Molecules	4.148

2.	Burnichi F., Strugariu C.G., David M., Teodorescu E.N., Petre C., Vlad C., Danaila Guidea S., Călin M.	Interrelationships between agro-morphological parameters on organic tomato (<i>Solanum lycopersicum</i> L.)	<i>Acta Horticulturae</i>	0.23
3.	Apostol L., Belc N., Gaceu L., Popa M.E.	Sorghum Flour: A Valuable Ingredient for Bakery Industry?	Applied sciences	2.679
4.	Racovita R.C., Secuianu C., Ciuca M., Israel Roming F.	Effects of Smoking Temperature, Smoking Time, and Type of Wood Sawdust on Polycyclic Aromatic Hydrocarbon Accumulation Levels in Directly Smoked Pork Sausages	Journal of Agricultural and Food Chemistry	5.279
5.	Diguta C.F., Nitoi D., Matei F., Luta G., Cornea C.P.	The Biotechnological Potential of <i>Pediococcus</i> spp. Isolated from Kombucha Microbial Consortium	Foods	4.350
6.	Dabulici C.M., Sârbu I., Vamanu E.	The Bioactive Potential of Functional Products and Bioavailability of Phenolic Compounds	Foods	4.350
7.	Vamanu E., Gatea F., Pelinescu D.	Bioavailability and Bioactivities of Polyphenols Eco Extracts from Coffee Grounds after <i>In Vitro</i> Digestion	Foods	4.350
8.	Jurcoane S., Copaci S.	<i>Camelina sativa</i> Methanolic and Ethanolic Extract Potential in Alleviating Oxidative Stress, Memory Deficits, and Affective Impairments in Stress Exposure-Based Irritable Bowel Syndrome	Oxidative Medicine and Cell Longevity Journal	5.076
9.	Radu N., Chirvase A.A., Babeanu N.E., Popa O., Cornea C.P., Pirvu L., Ciric Al., Mathe E., Doni M., Raut I., Alecu E., Gurban A.M., Begea M., Mares C., Bostan C.	Study Regarding the Potential Use of a Spent Microbial Biomass in Fertilizer Manufacturing	Agronomy	3.417
10.	Luta G., Gherghina E., Balan D., Israel Roming F.	Bioactive Compounds and Antioxidants Properties of Some Wild Plants with Potential Culinary Uses	Revista de Chimie	0.662
11.	Catană L., Catana M., Iorga E., Asanica A.C., Lazar M.A., Lazar A.G., Belc N., Pirvu G.	Internal Validation of Rapid and Performant Method for Carotenoids Determination in Tomato Waste Powder by HPLC	Revista de Chimie	0.662

12.	Vasile A., Tanase G., Babeanu N.E., Popa O.	Odour Assessment for a Pig Farm Through Dynamic Olfactometry and Air Dispersion Modelling in Order to Reduce the Odour Pollution Using Biotechnologies	Revista de Chimie	0.662
-----	---	--	-------------------	-------

**ARTICOLE PUBLICATE IN REVISTE INDEXATE ISI (ESCI)
2020 - 2021**

2021			
Nr. Crt.	Autori	Titlu articol	Jurnal/Revista
1.	Vamanu E., Rai S.N.	The Link between Obesity, Microbiota Dysbiosis, and Neurodegenerative Pathogenesis	Diseases
2.	Bardeanu H., Matei F., Popescu P.A., Ionescu O., Jurcoane S.	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
3.	Micu G., Boiu-Sicuia O.A., Burlacu A., Israel Roming F., Cornea C.P.	Researches on the quantification of L-asparaginase produced by microorganisms	AgroLife Scientific Journal
4.	Suciu L., Tătaru A., Urdă C., Chetan F., Mureșanu F., Șopterean L., Boiu-Sicuia O.A., Barbu L.D.N.	The influence of bacterial inoculats on pathogens, yield and quality in soybean crop	AgroLife Scientific Journal
5.	Boiu-Sicuia O.A., Cornea C.P.	Bacterial strains involved in soilborne phytopathogens inhibition	Scientific Papers Series A. Agronomy
6.	Ciotea D., Ungureanu L.E., Mustatea G., Popa M.E.	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
7.	Catana M., Catană L., Asanica A.C., Lazar M.A., Burnete A.G., Constantinescu F., Teodorescu R., Belc N.	Biochemical composition and antioxidant capacity of a functional ingredient obtained from elderberry (<i>Sambucus nigra</i> L.) pomace	Scientific Papers. Series B. Horticulture
8.	Simionescu L.R., Margarit G.L., Cornea C.P.	GMO identification in food and feed for 2019 and 2020 (pandemic year) - a comparative study	Scientific Papers Series A. Agronomy

9.	Popescu P.A., Popa V.I., Mitelut A., Popa E.E., Draghici M., Popa M.E.	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
10.	Grigore D.M., Irimia E., Nicolae I., Dinu G., Babeanu N.E.	Effects of using probiotics on calves growth rates and hematologic profile	Scientific Papers. Series D. Animal Science
11.	Stamatie G.D., Duta D.E., Belc N., Zoani C., Israel Roming F.	Nutritional and functional properties of some protein sources	AgroLife Scientific Journal
12.	Stavrescu Bedivan M.M., Sandulescu E.B., Croitoru C.M., Madjar R., Boiu-Sicua O.A., Scaeteanu G.	A preliminary evaluation of water quality related to aquatic organisms in Comana pond	AgroLife Scientific Journal
13.	Popa G., Nicolcioiu M.B., Toma R., Margarit G.L., Groposila-Constantinescu D.	Assessment of the growth potential in liquid cultures of some edible and medicinal mushrooms	Scientific Papers. Series B. Horticulture
14.	Ciotea D., Shamtsyan M., Popa M.E.	Antibacterial activity of peppermint, basil and rosemary essential oils obtained by steam distillation	AgroLife Scientific Journal
15.	Gurau M., Cretu D.M., Negru E., Ionescu T., Udriste A.A., Cornea C.P., Băraîtăreanu S.	Comparative analysis of total DNA isolation procedure from blood and hair follicle samples in goats	Revista Romana de Medicina Veterinară
16.	Popa G., Toma R.	Experimental approaches targeting the biochemical and antioxidant potential of <i>Synsepalum dulcificum</i> dried fruits	Romanian Biotechnological Letters
17.	Ionescu (Bordei) N., Neagu A.M., Raiciu A.D., Popescu M., Livadariu O.	Characterization of some vegetable oils in order to use them in the treatment of the varicose veins	Romanian Biotechnological Letters
18.	Crangasu A., Ciuca M., Cristina D., Cornea C.P., Ittu M., Contescu L.	Characterization of Checo/F95-927 pea (<i>Pisum sativum</i> L.) population for winter frost tolerance using molecular markers	Romanian Biotechnological Letters
19.	Gherghina E., Israel Roming F., Balan D., Luta G., Burlacu A., Marta Z.	Assessment of vitamin content in different types of Romanian cheese	Romanian Biotechnological Letters

20.	Răducu (Popa) A.L., Burlacu A., Boiu-Siculia O.A., Israel Roming F., Cornea C.P., Jurcoane S.	Antimicrobial activity of camelina oil and hydroalcoholic seed extracts	Romanian Biotechnological Letters
21.	Nitu S., Geicu - Cristea M., Matei F.	A preliminary study on the potential of Romanian native flora to obtain milk-clotting plant proteases	Scientific Papers. Series D. Animal Science
22.	Pirvan A., Basaraba A., Farcas N., Matei F., Jurcoane S.	The influence of the agricultural practices and environmental conditions on the soil microbial community in <i>Camelina sativa</i> culture	Scientific Papers. Series A. Agronomy
23.	Irimescu L., Balan D., Luta G., C.F. Diguta, Preda C.I., Guerrero Olivares C., Matei F.	Characterisation of the antimicrobial and antioxidant profile of Phalaenopsis orchid wastes	AgroLife Scientific Journal
24.	Delian E., Iacomi B.M., Chira C.L., Danaila Guidea S., Chira A., Cosoveanu A.	An overview of the means to enhance tomato seed physiological quality in the context of sustainable horticulture	Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development
25.	Danaila Guidea S., Neata G., Popescu P.A., Popa E.E., Draghici M., Dobrinoiu R.V., Visan V.L., Nicolae C.I.	Biochemical changes, induced by LED light, in tomato plants, grown in the integrated management system (SMI) of agroecosystem resistance	Scientific Papers. Series A. Agronomy
26.	Mitelut A., Popa E.E., Popescu P.A., Popa M.E.	Innovative preservation technologies for a sustainable food system	AgroLife Scientific Journal
27.	Draghici M., Mitelut A., Popa E.E., Popescu P.A., Popa V.I., Barbu (Stan) A., Popa M.E.	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
28.	Catana L., Catana M., Burnete A.G., Asanica A.C., Lazar M.A., Constantinescu F., Teodorescu R., Belc N.	Sugar-free concentrated products from <i>Aronia melanocarpa</i> fruits, apples, and carrots with antioxidant potential for peoples with diabetes and obesity	Scientific Papers. Series B. Horticulture

2020			
Nr. Crt.	Autori	Titlu articol	Jurnal/Revista
1.	Cornea C.P., Matei A., Matei S., Matei G.M., Cogalniceanu G.	Biosynthesis of silver nanoparticles mediated by culture filtrate of lactic acid bacteria, characterization and antifungal activity	The EuroBiotech Journal
2.	Raiciu A.D., Livadariu O., Șerbănică C.P.	The assesment of the influence induced by LED-s irradiation on basil sprouts (<i>Ocimum basilicum</i> L.)	Romanian Biotechnological Letters
3.	Raiciu A.D., Livadariu O., Maximilian C., Bira A.	The evaluation of the effect of LED-s irradiation on wheat sprouts (<i>Triticum aestivum</i> L.)	Romanian Biotechnological Letters
4.	Boiu-Sicuia O.A., Cornea C.P.	Bacterial endophytes improving plant growth	AgroLife Scientific Journal
5.	Boiu-Sicuia O.A., Dinu S., Barbu L.D.N.	Physiological profile of some pathogenic bacteria associated with grapevine crown gall	Scientific Papers. Series B. Horticulture
6.	Marin M.S., Barbulescu I.D., Dragotoiu D., Teodorescu R., Tudor V., Matei P.M., Teodorescu R., Marinescu S.I., Matei F.	Nutritive importance of by-products from winemaking process for feed industry interest	Romanian Biotechnological Letters
7.	Pogurschi E., Babeanu N.E.	Effects of using probiotics and prebiotics on calves health status: an review.	Scientific Papers. Series D. Animal Science
8.	Vuguziga L., Livadariu O., Babeanu N.E., Angelini P., Matei F.	Development of in vitro multiplication method for <i>Bidens pilosa</i> L.	AgroLife Scientific Journal
9.	Zugravu (Micuti) M.M., Burlacu A., Badulescu L., Israel Roming F.	Soil enzymes-bioindicators of soil health	Scientific Papers. Series B, Horticulture
10.	Popa G., Toma R.	Experimental approaches targeting the biochemical and antioxidant potential of <i>Synsepalum dulcificum</i> dried fruits	Romanian Biotechnological Letters
11.	Sirbu V.I., Popa A., Israel Roming F.	Mycotoxins in feed: an overview on biological effects and decontamination methods	AgroLife Scientific Journal
12.	Drugulescu M., Ortan A.R., Temocico G., Moraru I., Popa O.	Prospects of inulin from <i>Helianthus tuberosus</i> L. as raw material for bioprocesses	AgroLife Scientific Journal

13.	Livadariu O., Maximilian C., Coteș C.I.	The effect of LED-s emitted light treatments on sprouting mung bean (<i>Vigna radiata</i> L.)	Scientific Papers. Series B. Horticulture
14.	Proca I., Diguta C.F., Cornea C.P., Jurcoane S., Matei F.	Halotolerant <i>Bacillus amyloliquefaciens</i> 24.5 useful as a biological agent to control phyto-pathogenic fungi	Romanian Biotechnological Letters
15.	Dumitrache C., Frincu M., Rădoi T.A., Barbulescu I.D., Matei F., Tudor V., Teodorescu R.	Identification by PCR ITS-RFLP technique of new yeast isolates from Pietroasa vineyard	Scientific Papers. Series B. Horticulture
16.	Cornea C.P., Andrianandrasana M.D.	Allelopathic effects of <i>Grevillea banksii</i> R. BR. leaf extracts and its rhizospheric soil on germination and initial growth of three agricultural crops in Madagascar	AgroLife Scientific Journal
17.	Lazar M.A., Catana M., Catană L., Burnete A.G., Teodorescu R., Asanica A.C., Belc N.	Valorisation of <i>Aronia melanocarpa</i> pomace for development of functional ingredients with high nutritional value and antioxidant capacity	Scientific Papers. Series B. Horticulture
18.	Mocuta D.N., Jurcoane S., Cristea S.	Economic efficiency of conversion of classical fish farm in organic by use of wastes fish in Green Houses	Romanian Biotechnological Letters
19.	Jurcoane S., Copaci S.	Beneficial effects of <i>Camelina sativa</i> oil on behavioural (memory, anxiety, depression and social-related) manifestations and oxidative stress parameters in a mice model of irritable bowel syndrome	Romanian Biotechnological Letters
20.	Catană L., Lazar M.A., Catana M., Burnete A.G., Teodorescu R., Asanica A.C., Onache P.A., Sumedrea D., Belc N., Vladut N.V.	Content in bioactive compounds and antioxidant capacity of flours obtained from winemaking byproducts	Scientific Papers. Series B. Horticulture
21.	Burnete A.G., Catană L., Catana M., Lazar M.A., Teodorescu R., Asanica A.C., Belc N.	Use of vegetable functional ingredients to achieve hypoglycemic bread with antioxidant potential, for diabetics	Scientific Papers. Series B. Horticulture
22.	Vasile V., Ciuca M., Voaides C., Cornea C.P.	DNA-based methods used for varietal purity detection in wheat cultivars	AgroLife Scientific Journal
23.	Popa C., Tamba-Berehoiu R.M., Visan	Romanian Consacrated Recipes In the milling and	Scientific Papers Series

	V.L., Simion V., Muresan C., Palcu S.E.	Bakery Industry	Management
24.	Margarit G.L., Toma R., Groposila-Constantinescu D., Barba D., Popa G., Popa R.D.	Market research about Agriso mobile application for farmers	Scientific Papers, Series Agronomy
25.	Youte Fanche S., Diguta C.F., Israel Roming F., Matei F.	Antifungal properties of lactic acid bacteria isolated from cocoa beans fermentation in the centre region of Cameroon	Romanian Biotechnological Letters
26.	Danaila Guidea S., Tamba-Berehoiu R.M., Popa N.C., Toma R., Visan V.L., Simion V.	INULIN: unique among the polyglucides with significant functional properties and biotechnological perspectives	Romanian Biotechnological Letters
27.	Toma R., Margarit G.L., Garais G.E., Matei F.	E-learning platform for start-up simulation in life science and business field - a useful educational tool	Scientific Papers Series Management
28.	Gherghina E., Luta G., Dobrin E., Draghici E., Balan D., Martinez A.	Biochemical changes under artificial led lighting in some <i>Lactuca sativa</i> l. varieties	AgroLife Scientific Journal
29.	Albu Proca C., Rădoi T.A., Diguta C.F., Matei F., Cornea C.P.	Screening among micro and macromycetes for laccase production	AgroLife Scientific Journal
30.	Dusa E.M., Tamas A., Voaides C., Vrînceanu N., Stan V.	Improving sewage sludge compost quality by vermicomposting	Scientific Papers. Series A. Agronomy
31.	Tamas A., Dusa E.M., Voaides C., Vrînceanu N., Stan V.	The influence of composting method and plant biomass addition on compost quality	Scientific Papers. Series A. Agronomy
32.	Danaila Guidea S., Delian E.	An overview on blue light benefits on plants physiological performances and on plant products qualities	Scientific Papers. Series B, Horticulture
33.	Visan V.L., Tamba-Berehoiu R.M., Popa C., Danaila Guidea S., Dobrinioiu R.V., Groposila-Constantinescu D.	Studies on the influence of climate conditions on the quality of Merlot wines	Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development