

L I S T
of scientific papers
Associate Professor PERȚA-CRIȘAN Simona, PhD.

A. PhD thesis

A1. *Researches regarding obtaining of some biological active compounds from Momordica charantia L.*, University of Agronomic Sciences and Veterinary Medicine of Bucharest, **2009**, coordinator Prof. Câmpeanu Gheorghe

B. Books and chapters from books

B1. SIMONA PERȚA-CRIȘAN, CLAUDIU-ȘTEFAN URSACHI, Processing of agricultural products, „Aurel Vlaicu” University Publishing House, Arad, **2023**, ISBN 978-973-752-939-8, 175 pages

B2. ANCA MIHAELA DICU, SIMONA PERȚA-CRIȘAN, Quality and sensory analysis of food products, „Aurel Vlaicu” University Publishing House, Arad, **2012**, ISBN 978-973-752-612-0, 227 pages

B3. SIMONA PERȚA-CRIȘAN, ANCA MIHAELA DICU, Sensory analysis. Practical applications, „Aurel Vlaicu” University Publishing House, Arad, **2011**, ISBN 978-973-752-571-0, 278 pages

B4. SIMONA CRIȘAN, Momordica charantia L. - species with therapeutic implications, „Aurel Vlaicu” University Publishing House, Arad, **2010**, ISBN 978-973-752-468-3, 284 pages

B5. SZENTESI SILVIU GABRIEL, CRISTESCU GABRIELA, MOȚ GHIOCCEL, FRANȚESCU MARIUS, VIZENTAL MIHAELA, CRIȘAN SIMONA, Modeling the economic-ecological balance for investment projects, „Aurel Vlaicu” University Publishing House, Arad, **2009**, ISBN 978-973-752-388-4, 241 pages

B6. HĂLMĂGEAN LUCIAN, SIMONA CRIȘAN, Medicinal herbs. Practical works, „Aurel Vlaicu” University Publishing House, Arad, **2007**, ISBN 978-973-752-142-2, 82 pages

B7. LUCIAN HĂLMĂGEAN, SIMONA CRIȘAN, Ecology. Practical works, „Aurel Vlaicu” University Publishing House, Arad, **2006**, ISBN (10) 973-752-086-6, (13) 978-973-752-086-9, 81 pages

C. Scientific papers published in extenso in journals and publications of international scientific flow

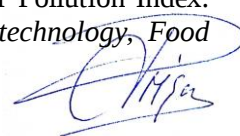
ISI articles

C1. SIMONA PERȚA-CRIȘAN, FLORENTINA-DANIELA MUNTEANU, IOLANDA TOLAN, BIANCA-DENISA CHEREJI, DUMITRU CONDRAT, LUCIAN COPOLOVICI, CLAUDIU-ȘTEFAN URSACHI, Partial Substitution of Pork Fat with Beeswax Oleogels for Improving the Nutritional Value of Dry Fermented Sausages. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology **2025**, Vol. 82 No. 1, 209-221 (I.F.=0,3)

<https://doi.org/10.15835/buasvmcn-fst:2024.0033>, WOS:001493747300015

C2. ELENA-VIOLETA BLIDAR, SIMONA GAVRILAȘ, CLAUDIU-ȘTEFAN URSACHI, SIMONA PERȚA-CRIȘAN, FLORENTINA-DANIELA MUNTEANU. Comparative Analysis of the Water Quality at Mureș River Basin Based on Measured Parameters and Water Pollution Index. SCIENTIFIC STUDY & RESEARCH – Chemistry & Chemical Engineering, Biotechnology, Food Industry **2024**, 25(4), 377-392 (I.F.=0,3)

<https://doi.org/10.29081/ChIBA.2024.622>, WOS:001381255700004



- C3.** FLORENTINA BUD, **SIMONA PERȚA-CRIȘAN**, CLAUDIU-ȘTEFAN URSACHI, SIMONA GAVRILAȘ, FLORENTINA-DANIELA MUNTEANU. Wastewater Global Pollution Index as an Indicator in Assessing the Quality of the Effluent from the Arad Municipal Treatment Plant. *SCIENTIFIC STUDY & RESEARCH – Chemistry & Chemical Engineering, Biotechnology, Food Industry* **2024**, 25(3), 255-264 (I.F.=0,3)
<https://doi.org/10.29081/ChIBA.2024.604>, WOS:001334270100002
- C4.** RAMONA-CARMEN HĂRȚĂU, CLAUDIU-ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, SIMONA GAVRILAȘ, FLORENTINA-DANIELA MUNTEANU. Source Risk Assessment for Heavy Metals in Soil on the Site of a Hydrocarbon Power Plant. *SCIENTIFIC STUDY & RESEARCH – Chemistry & Chemical Engineering, Biotechnology, Food Industry* **2024**, 25(2), 203-214 (I.F.=0,3)
<https://doi.org/10.29081/ChIBA.2024.595>, WOS:001291022200007
- C5.** CLAUDIU ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, IOLANDA TOLAN, DORINA RODICA CHAMBRE, BIANCA-DENISA CHEREJI, DUMITRU CONDRAT, FLORENTINA-DANIELA MUNTEANU. Development and Characterization of Ethylcellulose Oleogels Based on Pumpkin Seed Oil and Rapeseed Oil. *Gels* **2024**, 10, 384 (I.F.=4,6)
<https://doi.org/10.3390/gels10060384>, WOS:001257479800001
- C6.** **SIMONA PERȚA-CRIȘAN**, CLAUDIU ȘTEFAN URSACHI, BIANCA-DENISA CHEREJI, IOLANDA TOLAN, FLORENTINA-DANIELA MUNTEANU. Food-Grade Oleogels: Trends in Analysis, Characterization and Applicability. *Gels* **2023**, 9(5), 386 (I.F.=4,6)
<https://doi.org/10.3390/gels9050386>, WOS:001020275400001
- C7.** **SIMONA PERȚA-CRIȘAN**, CLAUDIU ȘTEFAN URSACHI, BIANCA-DENISA CHEREJI, FLORENTINA-DANIELA MUNTEANU. Oleogels – Innovative Technological Solution for the Nutritional Improvement of Meat Products. *Foods* **2023**, 12, 131 (I.F.=5,2)
<https://doi.org/10.3390/foods12010131>, WOS:000909772800001
- C8.** ELENA VIOLETA BLIDAR, SIMONA GAVRILAȘ, CLAUDIU-ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, FLORENTINA-DANIELA MUNTEANU. Perceptions on Drinking Water and Wastewater in a Local Area in Western Romania. *Appl. Sci.* **2023**, 13(20), 11401 (I.F.=2,7)
<https://doi.org/10.3390/app132011401>, WOS:001095721500001
- C9.** SIMONA GAVRILAȘ, CLAUDIU ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, FLORENTINA-DANIELA MUNTEANU. Recent Trends in Biosensors for Environmental Quality Monitoring. *Sensors* **2022**, 22(4), 1513 (I.F.=3,9)
<https://doi.org/10.3390/s22041513>, WOS:000762091500001
- C10.** **SIMONA PERȚA-CRIȘAN**, CLAUDIU ȘTEFAN URSACHI, SIMONA GAVRILAȘ, FLORIN OANCEA, FLORENTINA-DANIELA MUNTEANU. Closing the Loop with Keratin-Rich Fibrous Materials. *Polymers* **2021**, 13(11), 1896 (I.F.=4,967)
<https://doi.org/10.3390/polym13111896>, WOS:000660513700001
- C11.** CLAUDIU ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, FLORENTINA-DANIELA MUNTEANU. Strategies to Improve Meat Products' Quality. *Foods* **2020**, 9(12), 1883 (I.F.=4,350)
<https://doi.org/10.3390/foods9121883>, WOS:000602121900001
- C12.** SIMONA GAVRILAȘ, CLAUDIU-ȘTEFAN URSACHI, MIHAELA DOCHIA, **SIMONA PERȚA-CRIȘAN**, FLORENTINA-DANIELA MUNTEANU. The influence of different vacuum impregnation solutions on the colour of fresh-cut apple slices. *SCIENTIFIC STUDY & RESEARCH – Chemistry & Chemical Engineering, Biotechnology, Food Industry* **2020**, 21(4), 523-531 (I.F.=0)
WOS:000596118000007

BDI indexed articles

- C13.** **SIMONA PERȚA-CRIȘAN**, CLAUDIU-ȘTEFAN URSACHI, IOLANDA TOLAN, BIANCA-DENISA CHEREJI, DUMITRU CONDRAT, MARIA BALINT, FLORENTINA-DANIELA MUNTEANU. Characterization of beeswax-based oleogels with pumpkin seed oil and rapeseed oil. *Scientific and Technical Bulletin, Series Chemistry, Food Science & Engineering* **2023**, Vol. 20(XXI), 25-33
- C14.** CLAUDIU-ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, IOLANDA TOLAN, BIANCA-DENISA CHEREJI, FLORENTINA-DANIELA MUNTEANU. Preliminary studies about some factors influencing the properties of oleogels. *Scientific and Technical Bulletin, Series Chemistry, Food Science & Engineering* **2022**, Vol. 19(XX), 34-42

- C15.** ANCA-MIHAELA DICU, **SIMONA PERȚA-CRIȘAN**, IONELA-MARINELA ROTAR, CLAUDIU-ȘTEFAN URSACHI. Reformulated meat product with wild garlic and chestnut flour. *Journal of Agroalimentary Processes and Technologies* 2022, ISSN: 2069-0053 (PRINT) (former ISSN: 1453-1399), Agroprint; ISSN (ONLINE): 2068-9551, 28(1), 89-95
- C16.** **SIMONA PERȚA-CRIȘAN**, URSACHI CLAUDIU, MUNTEANU FLORENTINA-DANIELA. Trends in valorisation of spent coffee grounds: a review. *Scientific and Technical Bulletin, Series Chemistry, Food Science & Engineering* **2019**, Vol. 16(XVII), 29-40
- C17.** O. BRINZAN, E. TIGAN, M. LUNGU, **S.P. CRISAN**. Comparative study on consumer preferences for products that support sustainable development. SGEM 2017 Conference Proceedings **2017**, ISBN 978-619-7408-10-2, ISSN 1314-2704, Vol. 17, Issue 53, 101-108 pp
- C18.** O. BRINZAN, E. TIGAN, M. LUNGU, **S.C. PERTA**. Meat consume as an indicator of sustainable development. Comparative study in Europe and Romania. SGEM 2017 Conference Proceedings **2017**, ISBN 978-619-7408-10-2, ISSN 1314-2704, Vol. 17, Issue 53, 545-550 pp
- C19.** **SIMONA PERȚA-CRIȘAN**, RAUL IANCHICI, Processing methods for the juice of bitter melon fruits, *Journal on Processing and Energy in Agriculture*, Vol. 15(3), Second International Conference Sustainable Postharvest and Food Technologies INOPTeP, Serbia, **2011**, ISSN 1821-4487, 149-152
- C20.** RAUL IANCHICI, **SIMONA PERȚA-CRIȘAN**, RODICA SEGAL, The influence of method of extraction and drying of pea proteins on their solubility, *Journal on Processing and Energy in Agriculture*, Vol. 15(2), Second International Conference Sustainable Postharvest and Food Technologies INOPTeP, Serbia, **2011**, ISSN 1821-4487, 87-89
- C21.** S.G. SZENTESI, M. FRANTESCU, **S. CRISAN**, Designing a management model for achieving economic-environmental balance in investment projects, *Journal of Economics and Business Research (JEBr)*, Year XVI, No. 2/**2010**, Edited by „Aurel Vlaicu” University from Arad, ISSN 2068-3537, 40-48
- C22.** **SIMONA CRIȘAN**, LUCIAN HĂLMĂGEAN, RAUL IANCHICI, Fertilization influence on productive performances of field-cultivated bitter melon in western part of Romania, *45th Croatian and 5th International Symposium on Agriculture*, Opatija, Croatia, **2010**, ISBN 978-953-6331-79-6, 549-552
- C23.** RAUL IANCHICI, RODICA SEGAL, **SIMONA CRIȘAN**, MONICA ZDREMȚAN, Influence of working methods in the extraction, separation and drying of pea proteins on protein fractions, *45th Croatian and 5th International Symposium on Agriculture*, Opatija, Croatia, **2010**, ISBN 978-953-6331-79 -6, 733-736
- C24.** IANCHICI RAUL, SEGAL RODICA, **CRIȘAN SIMONA**, ZDREMȚAN MONICA, Study regarding the influence of ultrasound assisted extraction on the pea protein structure, *Journal on Processing and Energy in Agriculture*, Vol. 13(2), First International Conference Sustainable Postharvest and Food Technologies INOPTeP, Serbia, **2009**, ISSN 1450-5029, 143-145
- C25.** **SIMONA CRIȘAN**, GHEORGHE CÂMPEANU, LUCIAN HĂLMĂGEAN, RAUL IANCHICI, Identification of some hypoglycemic protean fractions in cellular juice of *Momordica charantia L.* fruits, *Journal on Processing and Energy in Agriculture*, Vol. 13(1), First International Conference Sustainable Postharvest and Food Technologies INOPTeP, Serbia, **2009**, ISSN 1450-5029, 78-80
- C26.** **CRIȘAN SIMONA**, GH. CÂMPEANU, L. HĂLMĂGEAN, Study of *Momordica charantia L.* species grown on the specific conditions of Romania's western part, *Proceedings of the 44th Croatian and 4th International Symposium on Agriculture*, 16th – 20th February 2009, Opatija, Croatia, **2009**, ISBN 978-953-6331-67-3, 425 – 428
- C27.** **CRIȘAN SIMONA**, L. HĂLMĂGEAN, GH. CÂMPEANU, N. ATANASIU, R. IANCHICI, Researches regarding elaboration of a technology for *Momordica charantia L.* crops establishment in the field in western part of Romania, *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture*, vol. 66 (1)/**2009**, print ISSN 1843-5254, electronic ISSN 1843-5394, 409-414
- C28.** R. IANCHICI, SEGAL RODICA, **CRIȘAN SIMONA**, ZDREMȚAN MONICA, The Identification of main proteins fractions from pea protein isolates, *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Agriculture*, vol. 66 (2)/**2009**, print ISSN 1843-5246, electronic ISSN 1843-5386, 321-326
- C29.** **CRIȘAN SIMONA**, GH. CÂMPEANU, L. HĂLMĂGEAN, Researches regarding fertilization's influence on the yield of unripe fruits for *Momordica charantia L.* species, on different soil types in Arad agroecological area, *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture*, vol. 65 (1)/**2008**, print ISSN 1843-5254, electronic ISSN 1843-5394, 368-373

C30. CRIȘAN SIMONA, L. HĂLMĂGEAN, Technological solutions with impact on the yield of *Momordica charantia* L. fruits (Cucurbitaceae) in Arad agro-ecological area, *Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Horticulture*, vol. 64 (1-2)/**2007**, print ISSN 1843-5254, electronic ISSN 1843-5394, 93-98

C31. HĂLMĂGEAN L., CRIȘAN SIMONA, The influence of endogenous ecological biofertilizers on morpho-productive characters at Cayenne hot pepper in Arad agro-ecological area, *Simpozionul științific internațional „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură”*, *Lucrări Științifice*, Vol. 15(2), Chișinău, Republica Moldova, **2007**, ISBN 978-9975-946-11-7 (general), 978-9975-946-37-7, 349-351

C32. HĂLMĂGEAN L., CRIȘAN SIMONA, Stimulation of symbiosis and morpho-physiological processes at vegetables through the agency of microelements, *Simpozionul științific internațional „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură”*, *Lucrări Științifice*, Vol. 15(2), Chișinău, Republica Moldova, **2007**, ISBN 978-9975-946-11-7 (general), 978-9975-946-37-7, 343-346

D. Scientific papers published in journals and volumes of some International Conferences (not indexed)

Scientific papers published in CNCSIS Journals

D1. CIUTINA VIRGIL, PERȚA-CRIȘAN SIMONA, GABRUȘ IULIU RADU, ȘTEȚCO VOICHIȚA, New Methods for Monitoring Accidental Pollution of Surface Waters from Mures River Basin – Arad, *Scientific and Technical Bulletin of "Aurel Vlaicu" University of Arad, Series Chemistry, Food Science & Engineering*, Year XV, Vol. 14, **2010**, ISSN 1582-1021, 64-69

D2. L. HĂLMĂGEAN, SIMONA CRIȘAN, Microelements' role on symbiosis process at *Pisum sativum* L. in Arad agroecological area, *Analele Universității din Craiova*, vol. XII (XLVIII), **2007**, ISSN 1435-1275, pag. 105-108

D3. L. HĂLMĂGEAN, SIMONA CRIȘAN, Influence of nitrogen fertilization level on the efficiency of bacterial treatment at *Pisum sativum* L., *Analele Universității din Craiova*, vol. XII (XLVIII), **2007**, ISSN 1435-1275, 109-112

D4. HALMAGEAN L., CRISAN SIMONA, The bacterial infectious biochimism's disorder produced by the depressive effect of nitrogen over the vegetables; *Analele Universității din Craiova*, vol. XI (XLVII), **2006**; ISSN 1435-1275, 175-178

D5. CRISAN SIMONA, HALMAGEAN L., The influence of the biofertilisers' and nitrogen fertilisers' way of administration on the symbiosis and morpho-physiological processes at *Pisum sativum* L.; *Analele Universității din Craiova*, vol. XI (XLVII), **2006**; ISSN 1435-1275, 183-186

D6. CRISAN SIMONA, HALMAGEAN L., Biofertilisers - an important source of nitrogen for the ecological agriculture; *Analele Universității din Craiova*, vol. XI (XLVII), **2006**; ISSN 1435-1275; 179-182

D7. HALMAGEAN L., CRISAN SIMONA, The influence of dissemination scheme and densities on the dry inflorescences production at *Calendula officinalis* L. in the agro-ecological area of Arad; *Analele Universității din Craiova*, vol. XI (XLVII), **2006**; ISSN 1435-1275, 171-174

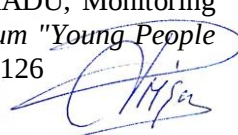
D8. CLAUDIA MUREȘAN, V. CIUTINA, I. CALINOVICI, SIMONA CRIȘAN, The evolution of colour intensity at superiors red wines from burgund variety obtained in minis and Murfatlar vineyards; *Analele Universității din Craiova*, vol. XI (XLVII), **2006**; ISSN 1435-1275, 163-166

D9. HALMAGEAN L., CRISAN SIMONA, CHIS S.; The management of integrated control of weeds from medicinal herbs crops in the agro-ecological area of Arad; *Cercetări Științifice – Horticultură, seria a X-a, Universitatea de Științe Agricole și Medicină Veterinară a Banatului Timișoara*, **2006**; ISSN 2066-1797, 302-305

D10. POPA ANCA, MUREȘAN CLAUDIA, CRIȘAN SIMONA, FAUR VIRGINIA, Total antioxidant activity determination of some compounds from „Favidiab” tea; *Scientific and Technical Bulletin, Series Chemistry, Food Science and Engineering*, Year XII, vol. 11, „Aurel Vlaicu” University of Arad, Food Engineering, Tourism and Environmental Protection Faculty, Chemical and Technological Research Center, **2006**, Arad; ISSN 1582-1021, 19-22

Scientific papers published in extenso in volumes of some International Conferences

D11. SIMONA PERȚA-CRIȘAN, IONEL POPESCU-MITROI, DANA GINA RADU, Monitoring acetic fermentation under laboratory conditions, *Proceedings of the XXth Symposium "Young People and Multidisciplinary Research"*, Timișoara, Romania, **2018**, ISSN 1843-6609, 122-126



- D12. CRIȘAN SIMONA, HĂLMĂGEAN L., BOCIORT DALIA**, Possibilities of elimination the arsenic from underground waters in the western part of Romania, *Proceedings of the First Conference with International Participation „Modern Technologies and Biotechnologies for Environmental Protection”*, June 5-7, Sibiu, Romania, **2008**, ISBN 978-973-739-6157-0, 8-11
- D13. HĂLMĂGEAN L., CRIȘAN SIMONA**, Bio-fertilizers – nitrogen source in ecological vegetable gardening, *Proceedings of the First Conference with International Participation „Modern Technologies and Biotechnologies for Environmental Protection”*, June 5-7, Sibiu, Romania, **2008**, ISBN 978-973-739-6157-0, 29-32
- D14. CRIȘAN SIMONA, HĂLMĂGEAN L.**, Integrated management of weeds control from medicinal plants crops in Arad agro-ecological area, *Proceeding of the International Conference „Agricultural and Food Science, Processes and Technologies”*, April 26-28, Sibiu, Romania, **2007**, ISBN 1843-0694, 115-118
- D15. HĂLMĂGEAN L., CRIȘAN SIMONA**, The influence of nitrogen fertilizers on symbiosis and morpho-physiological processes at vegetables, *Proceeding of the International Conference „Agricultural and Food Science, Processes and Technologies”*, April 26-28, Sibiu, Romania, **2007**, ISBN 1843-0694, 189-192
- D16. HĂLMĂGEAN L., CRIȘAN SIMONA**, Alternative solutions for substitution of nitrogen chemical fertilizers in vegetables ecological cultivation, *Proceeding of the International Conference „Agricultural and Food Science, Processes and Technologies”*, April 26-28, Sibiu, Romania, **2007**, ISBN 1843-0694, 185-188
- D17. CRIȘAN SIMONA, HĂLMĂGEAN L.**, Influence of seeding scheme and density on ligulate flowers production and dry inflorescences of *Tagetes patula* L. And *Calendula officinalis* L. In the agroecological area of Arad, *42nd Croatian and 2nd International Symposium on Agriculture*, 13 – 16 February 2007, Opatija, Croatia, **2007**, ISBN 978 – 953 – 6135 – 57 – 8, 61 – 63
- D18. CRIȘAN SIMONA, HĂLMĂGEAN L., Mureșan Claudia**, Studies of ambient air pollution by sulfur dioxide, nitrogen oxides and ammoniac in the agroecological area of Arad, *42nd Croatian and 2nd International Symposium on Agriculture*, 13 – 16 February 2007, Opatija, Croatia, **2007**, ISBN 978 – 953 – 6135 – 57 – 8, 57 – 60
- D19. HĂLMĂGEAN L., CRIȘAN SIMONA**, Symbiotic nitrogen fixation in vegetables in dependence on doses and application methods of nitrogen and phosphorus fertilisers, *42nd Croatian and 2nd International Symposium on Agriculture*, 13 – 16 February 2007, Opatija, Croatia, **2007**, ISBN 978 – 953 – 6135 – 57 – 8, 68 – 71
- D20. HĂLMĂGEAN L., CRIȘAN SIMONA**, Ambient air pollution by suspended and sedimented dust in the agroecological area of Arad, *42nd Croatian and 2nd International Symposium on Agriculture*, 13 – 16 February 2007, Opatija, Croatia, **2007**, ISBN 978 – 953 – 6135 – 57 – 8, 72 – 75
- D21. CRIȘAN SIMONA, HĂLMĂGEAN L.**, Possibilities of suporting vegetable ecosystem by using ecological bioregulators produced in Romania, *1st International Conference „Research people and actual tasks on multidisciplinary sciences”*, 6-8 June 2007, Lozenec, Bulgaria, **2007**, ISBN 978-954-91147-3-7, 162-165
- D22. HĂLMĂGEAN L., CRIȘAN SIMONA**, Microelements' role in atmospheric nitrogen biological fixation on *Pisum sativum* L., *1st International Conference „Research people and actual tasks on multidisciplinary sciences”*, 6-8 June 2007, Lozenec, Bulgaria, **2007**, ISBN 978-954-91147-3-7, 297-300
- D23. PALCU S., CAMPEANU GH., HALMAGEAN L., CRIȘAN SIMONA**, The influence of chemical fertilizers with microelements over the morpho-psysiological and production characteristics for vegetables; *41st Croatian & 1st International Symposium on Agriculture*, 13th-17th February **2006**, Opatija-Croatia, Section 02, Organic Agriculture; ISBN 953-6331-39-X; 133-134

Presentations at International Conferences

D24. Simona PERȚA-CRIȘAN, Florentina-Daniela MUNTEANU, Iolanda TOLAN, Bianca-Denisa CHEREJI, Dumitru CONDRAT, Lucian COPOLOVICI, Claudiu-Ștefan URSACHI, Partial Substitution of Pork Fat with Beeswax Oleogels for Improving the Nutritional Value of Dry Fermented Sausages, *The 23rd International Conference “Life Sciences for Sustainable Development”*, 26-28 September **2024**, Cluj-Napoca, Romania, poster



D25. Simona PERȚA-CRIȘAN, Florentina-Daniela MUNTEANU, Iolanda TOLAN, Bianca-Denisa CHEREJI, Claudiu-Ștefan URSACHI, Application of Beeswax Oleogels as Fat Replacers in Pork Liver Pâtés, *The 21st Wellmann International Scientific Conference*, 18 April **2024**, Szeged, Ungaria, poster

D26. URSACHI Claudiu-Ștefan, MUNTEANU Florentina-Daniela, **PERȚA-CRIȘAN Simona**, TOLAN Iolanda, CHEREJI Bianca-Denisa, Edible Oleogels: Preparation, Characterization and Evaluation, *37th EFFoST International Conference “Sustainable Food and Industry 4.0: Towards the 2030 Agenda”*, 6-8 November **2023**, Valencia, Spain, poster

D27. SIMONA PERȚA-CRIȘAN, IONEL POPESCU-MITROI, CLAUDIU URSACHI, SIMONA GAVRILAȘ, ANCA MIHAELA DICU, FLORENTINA-DANIELA MUNTEANU, Valorisation Of Waste Grounded Coffee, *International Symposium Research and Education in Innovation Era*, 8 th Edition, Arad, **2019**, oral presentation

D28. SIMONA PERȚA-CRIȘAN, FLORENTINA-DANIELA MUNTEANU, Sensory Analysis Of Some Traditional Cheeses Obtained From Sheep’s Milk, *International Symposium Research and Education in Innovation Era*, 8 th Edition, Arad, **2019**, poster

D29. ANCA DICU, CLAUDIU URSACHI, **SIMONA PERȚA-CRIȘAN**, Antiradical activity evaluation of aqueous and alcoholic extracts from *Urtica dioica*, *International Symposium Research and Education in Innovation Era*, 7 th Edition, Arad, **2018**, poster

D30. URSACHI CLAUDIU, DICU ANCA, MUREȘAN CLAUDIA, **PERȚA CRIȘAN SIMONA**, Nutritional evaluation of the students menus served at the Aurel Vlaicu University canteen, *International Symposium “Research and Education in Innovation Era”*, 6-th Edition, Arad, **2016**, poster

D31. Anca Mihaela DICU, **Simona PERȚA CRIȘAN**, Spectral characterisation and determination of total antioxidant capacity of Burdock extracts using chemiluminescence technique, *International Symposium Research and Education in Innovation Era*, 5th Edition, Arad, **2014**, oral presentation

D32. DICU Anca, **PERȚA-CRIȘAN Simona**, MURESAN Claudia, URSACHI Claudiu, Testing the antioxidant effect of some plant extracts on lipids, *International Symposium Research and Education in Innovation Era*, 4th Edition, Arad, **2012**, poster

E. Patents

E1. Gemotherapy *Momordica charantia* – Based preparation for the treatment of non-insuline-dependent diabetes, Iosif Ianculov, Botău Dorica, Ciulecă Sorin, Palicica Radu-Dimitrie, Hălmăgean Lucian, **CRIȘAN SIMONA**, Lazăr Alexandru, Patent no. 125280 from 29.10.2010

F. Research contracts

F1. Improving the nutritional quality of meat products by applying some innovative technological strategies, Project PN-III-P2-2.1-PED-2021-3240, Contract no. 642PED/2022, Budget 593.995 RON, 2022-2024 – *Project Manager*

F2. Biodiversità di specie ad elevato valore Funzionale e Nutraceutico (BIO.FUN.) - Programma Operativo FESR Basilicata 2007-2013, Mini progetti per la cooperazione territoriale europea per lo scorcio dell’anno di attuazione 2015 (Attività aggiuntive al Progetto “Agro.Bio.”), Consiglio Nazionale delle Ricerche – Istituto di Bioscienze e BioRisorse – Basilicata – Italy (NUTS: ITF52), Aurel Vlaicu University from Arad – Faculty of Food Engineering, Tourism and Environmental Protection, Romania (NUTS: RO421) – partner institution – *Member of the research team*

F3. Induction of somatic variability in different medicinal plants in order to improve the therapeutic (hypoglycemic, bactericidal, antiviral, etc.) properties, PROJECT PN-II-ID-PCE 731/2007, Contract no. 409/2007, 2007-2010 – *Member of the research team*

F4. Developing a management model for investment projects in order to achieve an economically-ecological dynamic balance, PROJECT PN-II-ID-PCE 1239/2007, 2007-2010 – *Member of the research team*

F5. Computerized systems of filtration and separation activated with ultrasound and controlled by biosensor for textile processes, PROJECT CEEX 77/2006, 2006-2009 - *Member of the research team*

30.09.2025

Associate professor PERȚA-CRIȘAN SIMONA

