

L I S T A
lucrărilor științifice
Conf. dr. Ing. PERȚA-CRIȘAN Simona

A. Teza de doctorat

Cercetări privind obținerea unor compuși biologic activi din Momordica charantia L., Universitatea de Științe Agronomice și Medicină Veterinară București, 2009, coordonator Prof. dr. Câmpeanu Gheorghe

B. Cărți și capitole în cărți

B1. ANCA MIHAELA DICU, **SIMONA PERȚA-CRIȘAN**, *Calitatea și analiza senzorială a alimentelor*, Editura Universității „Aurel Vlaicu”, Arad, **2012**, ISBN 978-973-752-612-0, 227 pag.

B2. **SIMONA PERȚA-CRIȘAN**, ANCA MIHAELA DICU, *Analiză senzorială. Aplicații practice*, Editura Universității „Aurel Vlaicu”, Arad, **2011**, ISBN 978-973-752-571-0, 278 pag.

B3. **SIMONA CRIȘAN**, *Momordica charantia L. - specie cu implicații terapeutice*, Editura Universității „Aurel Vlaicu”, Arad, **2010**, ISBN 978-973-752-468-3, 284 pag.

B4. SZENTESI SILVIU GABRIEL, CRISTESCU GABRIELA, MOȚ GHIOCEL, FRANȚESCU MARIUS, VIZENTAL MIHAELA, **CRIȘAN SIMONA**, *Modelarea echilibrului economic-ecologic pentru proiectele de investiții*, Editura Universității „Aurel Vlaicu”, Arad, **2009**, ISBN 978-973-752-388-4, 241 pag.

B5. HĂLMĂGEAN LUCIAN, **SIMONA CRIȘAN**, *Plante medicinale. Lucrări practice*, Editura Universității „Aurel Vlaicu”, Arad, **2007**, ISBN 978-973-752-142-2, 82 pag.

B6. LUCIAN HĂLMĂGEAN, **SIMONA CRIȘAN**, *Ecologie. Lucrări practice*, Editura Universității „Aurel Vlaicu”, Arad, **2006**, ISBN (10) 973-752-086-6, (13) 978-973-752-086-9, 81 pag.

C. Articole/studii in extenso publicate în reviste din fluxul științific internațional principal

Articole cotate ISI

C1. 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>

C2. CLAUDIU ȘTEFAN URSACHI, **SIMONA PERȚA-CRIȘAN**, IOLANDA TOLAN, DORINA RODICA CHAMBRE, BIANCA-DENISA CHEREJI, DUMITRU CONDRAȚ, 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>

C3. **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

C4. **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)

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C5. 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

C6. 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

C7. 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

C8. 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

C9. 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)

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C10. 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

C11. 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

C12. 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

C13. 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

C14. 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

C15. 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

C16. 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

C17. 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

C18. 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 (JEER)*, Year XVI, No. 2/**2010**, Edited by „Aurel Vlaicu” University from Arad, ISSN 2068-3537, 40-48

C19. SIMONA CRIȘAN, LUCIAN HĂLMĂGEAN, RAUL IANCHICI, Fertilization influence on productive performances of field-cultivated bitter gourd in western part of Romania, *45th Croatian and 5th International Symposium on Agriculture*, Opatija, Croatia, **2010**, ISBN 978-953-6331-79-6, 549-552

C20. 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

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C22. **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 INOPTTEP, Serbia, **2009**, ISSN 1450-5029, 78-80

C23. **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

C24. **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

C25. 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

C26. **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

C27. **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

C28. 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

C29. 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. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

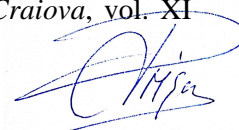
Articole publicate în periodice recunoscute CNCSIS

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

Articole publicate in extenso în volumele unor conferințe internaționale

- 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

Prezentări în cadrul unor conferințe internaționale

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-CRISAN**, Antiradical activity evaluation of aqueos 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 CRISAN**, 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. Brevete de invenție

E1. Procedeu de obținere a unui preparat gemoterapic pe bază de *Momordica charantia* pentru tratamentul diabetului non-insulino-dependent, Iosif Ianculov, Botău Dorica, Ciulcă Sorin, Palicica

Radu-Dimitrie, Hălmăgean Lucian, **CRIȘAN SIMONA**, Lazăr Alexandru, Brevet de invenție nr. 125280 din 29.10.2010, invenție premiată și medaliată cu:

- *Diplomă de Excelență și Medalia de Aur* la Salonul Internațional al Cercetării, Inovării și Inventicii PROINVENT, Cluj-Napoca - Romania, martie 2009
- *Diplomă și Medalia de Aur* la Expoziția Internațională a Creativității și Inovării EUROINVENT, Iași - Romania, mai 2009
- *Medalia de Aur* la Expoziția Internațională de Invenții, Cercetare Științifică și Tehnologii Noi INVENTIKA, București - Romania, octombrie 2009
- *Diplomă de Excelență* acordată de ANCS și Ministerul Educației, Cercetării, Tineretului și Sportului, pentru reprezentarea cu succes a României la Salonul Internațional de Invenții de la Geneva, București – Romania, iunie 2010
- *Medalia de Argint* la British Invention Award, Londra - Marea Britanie, octombrie 2009
- *Diplomă și Medalia de Aur* la Salon International des Inventions, Geneva - Elvetia, aprilie 2010
- *Placheta AGRO ARCA* la 3rd INTERNATIONAL FAIR ON INNOVATION, NEW IDEAS, PRODUCTS AND TECHNOLOGIES IN AGRICULTURE AND FOOD INDUSTRY - AGRO ARCA, Slatina - Croatia, mai 2010
- *Diplomă și Medalia de Argint* la 59ème Concours International Bruxelles – EUREKA, Salon INNOVA, Bruxelles – Belgia, noiembrie 2010

F. Contracte de cercetare

F1. Îmbunătățirea calității nutritive a unor produse din carne prin aplicarea de strategii tehnologice inovative, PROIECT PN-III-P2-2.1-PED-2021-3240, Contract de finanțare 642PED/2022, Valoare 593.995 lei, 2022-2024 - *Director de proiect*

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), Universitatea Aurel Vlaicu din Arad – Facultatea de Inginerie Alimentară, Turism și Protecția Mediului, Arad, Romania (NUTS: RO421) – instituție parteneră - *Membri în echipă*

F3. Inducerea variabilitatii somatice la diferite plante medicinale in scopul imbunatatirii proprietatilor terapeutice (hipoglicemiante, bactericide, antivirale, etc.) ale acestora, PROIECT PN-II-ID-PCE 731/2007, Contract nr. 409/2007, 2007-2010 - *Membri în echipa de cercetare*

F4. Elaborarea unui model de management al proiectelor de investitii in vederea realizarii unui echilibru dinamic economic-ecologic, PROIECT PN-II-ID-PCE 1239/2007, 2007-2010 - *Membri în echipa de cercetare*

F5. Sisteme computerizate de filtrare și separare activate cu ultrasunete și controlate cu biosenzori pentru procese textile, PROIECT CEEX 77/2006, 2006-2009 - *Membri în echipa de cercetare*

28.09.2024

Conf.dr.ing. PERȚA-CRIȘAN SIMONA

