

The List of Scientific Papers

Zdremțan Monica (born Mârzan)

A. PhD Thesis

Physiological research regarding the improvement of the „in vitro” micromultiplication method and the obtaining, through haploidy, of new tobacco plants with superior qualities, Scientific Coordinator, Prof. dr. Tiberiu Suci, The University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, confirmed through the order of the Ministry of Education no. 3293 from 04.02.1997.

B. Books and chapters published

B1. Podrumar Teodor, Monica Zdremțan, *The role of fertilizers on the quality and quantity of grape varieties for red and white wines in the centre of the wine cellar Miniș*, Publishing House of the „Aurel Vlaicu” University in Arad, ISBN 978-973-752-639-7, **2012**, 206 pages.

B2. Monica Zdremțan, *Technology and quality control of canned vegetables and fruits*, second edition reviewed, ISBN 978-973-752-289-4, **2008**, 363 pages.

B3. Monica Zdremțan, *Preservation of vegetables and fruits – guide for practical works*, Publishing House of the „Aurel Vlaicu” University in Arad, **2008**, ISBN 978-973-752-290-0, 153 pages.

B4. Monica Zdremțan, *Genetics: Guide for practical works*, Publishing House of the „Aurel Vlaicu” University in Arad, **2008**, ISBN 978-973-752-291-7, 150 pages.

B5. Dana Radu, Monica Zdremțan, *Experimental microbiology of the environment*, Publishing House of the „Aurel Vlaicu” University in Arad, second edition reviewed, ISBN 978-973-752-260-3, **2008**, 240 pages.

B6. Dana Radu, Monica Zdremțan, *Experimental microbiology of the environment*, Publishing House of the „Aurel Vlaicu” University in Arad, **2007**, ISBN 978-973-752-145-3, 180 pages.

B7. Sorin Vâtcă, Ștefania Gâdea, Monica Zdremțan, *Vegetal Physiology, Practical experiments*, AcademicPres Publishing House, **2007**, ISBN 978-973-744-062-4, 58 pages.

B8. Monica Zdremțan, *Genetics and genetical engineering*, Publishing House of the „Aurel Vlaicu” University in Arad, **2007**, ISBN 978-973-117-0, 250 pages.

B9. Monica Zdremțan, *Technology and quality control in the food and vegetable canning industry*, Publishing House of the „Aurel Vlaicu” University in Arad, **2007**, ISBN (10) 973-752-108-0, (13) 978-973-752-108-8, 261 pages.

B10. Georgeta Teodorescu, Maria Isac, Valentina Amzăr, Mihaela Sumedrea, Cristina Bădescu, Catița Șarpe, Monica Zdremțan, Loredana Beatrice Frăsin, Alina Gabriela Vlăduț, Ion Mutafa, Florin Cristian Marin, *Integrated combat management of the main parasites causing the pear tree decline in Romania*, Tiparg Publishing House, Pitești, **2004**, ISBN 973-7734-98-X, 61 pages.

B11. Zdremțan Monica, Hălmăgean Lucian, Calinovici Ioan, Chiș Sabin, Ciutină Virgil, *Genetics*, Publishing House of the „Aurel Vlaicu” University in Arad, **2004**, ISBN 973-9361-77-3, 244 pages.

B12. Zdremțan Monica, *Genetics*, Dacia Publishing House, Cluj-Napoca, **2004**, ISBN: 973-35-1872-7, 474 pages.

B13. Zdremțan Monica, *Tobacco Biotechnology*, Publishing House of the „Aurel Vlaicu” University in Arad, **2003**, ISBN 973-8364-23-3, 188 pages.

B14. Zdremțan Monica, *The technology of tobacco fermentation and the manufacture of cigarettes*, Publishing House of the „Aurel Vlaicu” University in Arad, **2003**, ISBN 973-8363-24-1, 114 pages.

B15. Ivașcu Antonia, Hoza Dorel, Caragea Mihaela, Tămaș Dumitra, Indreiaș Adela, Asănică Adrian, Zdremțan Monica, Hălmăgean Lucian, *Catalogue of Peach varieties*, Medro Publishing House, București, **2003**, ISBN 973-8487-04-8, 112 pages.

B16. Zdremțan Monica, Hălmăgean Lucian, Cañțar Liliana, Calinovici Ioan, *Practical Guide for Tobacco growers*, Gutenberg Univers Publishing House, Arad, **2003**, ISBN 973-8096-84-7, 132 pages.

B17. Zdremțan Monica, *Tobacco technology*, Gutenberg Publishing House, **2001**, Arad, ISBN 973-8096-21-9, 98 pages.

B18. Zdremțan Monica, *Improvement of the "in vitro" tobacco methods*, Gutenberg 2000 Publishing House, **2000**, Arad, ISBN 973-8096-00-6, 180 pages.

C. Papers published ISI/BDI indexed

1. Daniela Diaconescu, Monica Zdremțan, Mihaela Meșter, Anca Dicu, Lucian Hălmăgean, *The Adaptation of a Bread Recipe to Quinoa Seeds Addition*, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Journal of Agroalimentary Processes and Technologies 2018, 24(4), 2018, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551, Volume 24, Issue 4; Pages: 263-266;

2. Hălmăgean L., Meșter M., Balint M., Diaconescu D., Zdremțan M., *Contribution to improve the technology of the melon crop with hornes (Cucumis metuliferus) – food and therapeutic species*, International Multidisciplinary Scientific Geoconferences, 15th GeoConference on Nano, Bio and Green – Technologies for a sustainable future, Conference Proceedings, book6, volume 1, Micro and Nano technologies, Advances in Biotechnology, June **2015**, Albena, Bulgaria, pag. 375 – 380 ISBN 978-619-7105-42-1/ISSN 1314-2704, DOI: 10.5593/SGEM2015/B61/S25.051.

3. Hălmăgean L., Zdremțan M., Diaconescu D., Meșter M., Balint M., *Study on getting Momordica Charantia L. canned as new products used in diabetics diet*, International Multidisciplinary Scientific Geoconferences, 15th GeoConference on Nano, Bio and Green – Technologies for a sustainable future, Conference Proceedings, book6, volume 1, Micro and Nano technologies, Advances in Biotechnology, June **2015**, Albena, Bulgaria, pag. 583 – 588, ISBN 978-619-7105-42-1/ISSN 1314-2704 DOI: 10.5593/SGEM2015/B61/S25.079.

4. Hălmăgean Lucian, Maria-Mihaela Balint, Mihaela Meșter, Daniela Diaconescu, Monica Zdremțan, *The stimulation of morpho-productive characters at Momordica charantia L. by using bio-stimulators*, International Multidisciplinary Scientific Geoconferences, 14th GeoConference on Nano, Bio and Green – Technologies for a sustainable future, Conference Proceedings, volume 1, Micro and Nano technologies, Advances in Biotechnology, June **2014**, Albena, Bulgaria, pag. 581 – 584, ISBN 978-619-7105-20-9, ISSN 1314-2704, DOI: 10.5593/sgem2014B61.

5. Maria-Mihaela Balint, Hălmăgean Lucian, Mihaela Meșter, Daniela Diaconescu, Monica Zdremțan, *Using bio-fertilizers in ecological agriculture – safe and cheap alternatives for chemical and conventional fertilizers*, International Multidisciplinary Scientific Geoconferences, 14th GeoConference on Nano, Bio and Green – Technologies for a sustainable future, Conference Proceedings, volume 1, Micro and Nano technologies, Advances in Biotechnology, June **2014**, Albena, Bulgaria, pag. 585 – 590, ISBN 978-619-7105-20-9, ISSN 1314-2704, DOI: 10.5593/sgem2014B61.

6. Balint Maria, Ciutină V., Hălmăgean L., Meșter Mihaela, Zdremțan Monica, Diaconescu Daniela, *Biofertilizers use - a cheap and safe alternative to conventional chemical fertilizers Pisum sativum L. and Phaseolus vulgaris L.*, Journal of Agroalimentary Processes and Technologies 2013, 19(2), 208-211. categoria B+, cod CNCSIS 135), Scientific Conferences, Timișoara, May **2013**,

2343-9459, Volumul I, pag. 173, INDEXATA IFIS, CAS, FSTA, CABI, EVISA, Index Copernicus.

7. Diaconescu Daniela, **Zdremțan Monica**, Meșter Mihaela, Hălmăgean L., Balint Maria, *A study on the influence of some biogenic efectors on bread staling*. Sensory evaluation, Journal of Agroalimentary Processes and Technologies **2013**, 19(2), 247-252. categoria B+, cod CNCIS 135, INDEXATA IFIS, CAS, FSTA, CABI, EVISA, Index Copernicus.

8. **Zdremțan Monica**, Meșter Mihaela, Diaconescu Daniela, Hălmăgean L., Balint Maria, *Study on the effect of ginger tincture on acute Pharyngeal angina*, Universitatea de Științe Agricole și Medicină Veterinară a Banatului, Timișoara Journal of Agroalimentary Processes and Technologies **2013**, 19(4), 470-473. categoria B+, cod CNCIS 135 INDEXATA IFIS, CAS, FSTA, CABI, EVISA, Index Copernicus.

9. Diaconescu D., **Zdremțan M.**, Hălmăgean L., *The influence of the quality of wheat flour gluten upon the way of action of certain enzymatic improvers in bakery*. Annals of the University of Craiova, vol. XVI(LII), **2011**, pg. 125-130.

10. R. Ianchici, R. Segal, S. Crișan, **M. Zdremțan**, *The identification of Main Proteins Fractions From Pea protein Isolates* – Bull. of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, **2009**, vol 66 (2), p. 321+326, Publishing House AcademicPres Cluj-Napoca, ISSN 1843-5246, Electronic ISSN 1843-5386.

11. R. Ianchici, **M. Zdremțan**, R. Segal, A. Ivașcu, *Study concerning the extraction efficiency in ultrasonic fields of proteins from different varieties of peas* – Bull. of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, **2008**, vol 65 (2), p. 249, ISSN 1843-5246.

12. R. Ianchici, **M. Zdremțan**, R. Segal, A. Ivașcu, *Determining some optimal extraction parameters of peas proteins in ultrasonic field* – Bull. of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, **2008**, vol 65 (2), p. 425, ISSN 1843-5246.

13. **M. Zdremțan**, R. Ianchici, A. Ivașcu – *Study concerning the pigments extraction from rose petals in an ultrasonic field* – Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, **2008**, vol 65 (2), p. 450, ISSN 1843-5246

14. Onofrei Adriana Gabriela, Florentina Munteanu, **Monica Zdremțan**, Alexandra Anghel, Anamaria Lucaci, *Fitointercession study of soils contaminated with some heavy metals*, 6th International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 63-64, Seria Animal Sciences and Biotechnologies, Buletinul Universității de Științe Agricole și Medicină Veterinară Cluj-Napoca, ISSN 1843-5262, **2007**, Publishing House AcademicPres, pag. 437-441.

15. Ianchici Raul, **Monica Zdremțan**, Georgeta Bădău, *Study concerning proteins extraction process from peas in different work conditions*, 6th International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 63-64, Seria Animal Sciences and Biotechnologies, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1843-5262, **2007**, Publishing House AcademicPres, pag. 392-396.

16. Ianchici Raul, **Monica Zdremțan**, *Intensification of proteins extraction process from yeast in ultrasonic field*, 6th International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 63-64, Seria Animal Sciences and Biotechnologies, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1843-5262, **2007**, Publishing House AcademicPres, pag. 387-392.

17. **Monica Zdremțan**, *The Tobacco Quality Improvement By Fermentation Process* The International Symposium Horticulture – Science, Diversity and Harmony, Iași 24-25 May 2007, Scientific Papers, Horticulture Series, Section III: Problems of the Soil; Plants and Environment Protection, Year L (50), **2007**, ISSN 1454-7376, „Ion Ionescu de la Brad” Publishing House, Iași

18. **Monica Zdremțan**, *The Study of Heavy Metals from Tobacco*, The International Symposium Horticulture – Science, Diversity and Harmony, Iași 24-25 May 2007, Scientific Papers, Horticulture Series, Section III: Problems of the Soil; Plants and Environment Protection, Year L (50), **2007**, ISSN 1454-7376, „Ion Ionescu de la Brad” Publishing House, Iași

19. **Monica Zdremțan**, Dana Zdremțan, *The tobacco oil and its qualities*, 2nd International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 63, Series

Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, **2006**, Publishing House AcademicPres, pag. 388.

20. Monica Zdremțan, Dana Zdremțan, *The negative effect of the tobacco smoke on the enviroment*, 2ndInternational Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 63, Series Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, **2006**, Publishing House AcademicPres, pag. 384.

21. Raul Ianchici, Monica Zdremțan, *Researches Regarding the Nutritional Values of Mushrooms Compared with Several Vegetables*, *Symposium Safe Food all over Europe*, 26-27 May **2005**, vol.XI, nr. 2, AGROPRINT Publishing House Timișoara, ISSN 1453-1399, pag. 388-394.

22. Monica Zdremțan, Raul Ianchici, *Researches Regarding the Nutritional Quality of Proteins from the Main Species of Cultivated Mushrooms*, *Symposium Safe Food all over Europe*, 26-27, May **2005**, vol.XI, nr. 2, AGROPRINT Publishing House Timișoara, ISSN 1453-1399, pag. 385-388.

23. Palcu Sergiu, Zdremțan Monica, Ivașcu Antonia, *Researches regarding the genitors of peach and nectarine trees with resistance to mildew*, *Cercetări Științifice, Scientifical Research; Horticultură, Horticulture*, University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, **2005**, Agroprint Publishing House, Timișoara, ISSN 1453-1402, pag. 423.

24. Monica Zdremțan, *Research regarding the composition of the soil mixture for the substrate covering*, *Scientific Research*, „Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine, Iași, **2004**, vol. I (47), ISSN 1454-7376, „Ion Ionescu de la Brad” Publishing House Iași, pag. 43.

25. Condrat D., Monica Zdremțan, *The impact of the food additives on the human health*, *Scientific Research*, „Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine, Iași, **2004**, vol. I (47), ISSN 1454-7376, „Ion Ionescu de la Brad” Publishing House Iași, pag. 75.

26. Ivașcu Antonia, Zdremțan Monica, Lungu Monica, *Economical advantages and disadvantages of nectarine cultivation*, *Cercetări Științifice, Scientifical Research; Horticultură, Horticulture*, University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, **2004**, Agroprint Publishing House, Timișoara, ISSN 1453-1402, pag. 417.

27. Zdremțan Monica, Ivașcu Antonia, *The Romanian gene heritage of the peach tree*, *Cercetări Științifice, Scientifical Research; Horticultură, Horticulture*, University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, **2004**, Agroprint Publishing House, Timișoara, ISSN 1453-1402, pag. 403.

28. Zdremțan Monica, Ivașcu Antonia, Lungu Monica, *Combining the aesthetical and the fruitful in some Romanian tree creations*, *Cercetări Științifice, Scientifical Research; Horticultură, Horticulture*, University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, **2004**, Agroprint Publishing House, Timișoara, ISSN 1453-1402, pag. 397.

29. Zdremțan Monica, Claudiu Ursachi, Ivașcu Antonia, *A comparative study of some chemical compound sat nectarines and peaches genotypes PPV infected and PPV free*, 2ndInternational Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, Series Agriculture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, AcademicPres Publishing House, **2004**, pag. 24-27.

30. Canțar Liliana, Zdremțan Monica, Sauer Maria, Sauer Ioan-Walter, *Contributions to the elaboration of the calculus method of the spermatozoids final concentration of the he-goat seminal material, processed in order to freeze*, *The second Conference of the Faculties and Departments of Zootechnics in the Balkan Countries „Balnimalcon – 2003” associated with the 32nd Session of Scientific Communications of the Zootechnics Faculty Bucharest*, 15 – 17 october 2003, Papers Abstract Book, **2004**, pag. 58.

31. Hălmăgean Lucian, Monica Zdremțan, Antonia Ivașcu, Ștefania Toma, *The effect of molybdenum and bacterial treatments on the development and productivity of garden bean cultures*, **2004**, Journal Bangladesh Horticulture, ISSN 0237-3539, vol.28,(1&2).

32. **Zdremțan Monica**, *The organizing of the rural tourism at the rural farm level from the southwest of Romania*, International Simposium Geotourism in the Carpathian region, GEOTUR, octombrie 2003 Herľany, Slovacia, ISBN 80-8073-094-6, **2004**, pag. 121.

33. Caňțar Liliana, **Zdremțan Monica**, Sauer Maria, Sauer Ioan-Walter, *Researches regarding the endocrine picture of the reproduction and its stimulation at the goats*, The second Conference of the Faculties and Departments of Zootechnics in the Balkan Countries „Balnimalcon – 2003” associated with the 32nd Session of Scientific Communications of the Zootechnics Faculty Bucharest, 15 – 17 october 2003, Papers Abstract Book, **2004**, pag. 58.

34. Toma Ștefania, Ivașcu Antonia, Oprea Maria, Delian Elena, Florin Toma, **Zdremțan Monica**, Hălmăgean Lucian, Caňțar Liliana, *Searching of genetic resources for powdery mildew resistance by biochemical and physiological parameters at peach and nectarines in Romania*, „International Journal of Horticultural Science”, Hungary, vol. 10, number 1, **2004**, Hungary, ISSN 185-0404, pag. 57.

35. Caňțar Liliana, **Zdremțan Monica**, Hălmăgean Lucian, Calinovici Ioan, Ciurea Mihaela *Corr lation entre les differents parametres g n tiques et les caract ristiques de la fertilit  des caprines*, The session of scientific communications of the University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, series „Zootechnics and Biotechnologies”, Volume XXXVI, ISSN 1221-5287, Agroprint Publishing House, Timișoara, 22-23 May **2003**, pag. 248-252.

36. Caňțar Liliana, **Zdremțan Monica**, Hălmăgean Lucian, Calinovici Ioan, Ciurea Mihaela, *Possibilit s de conservation des ressources g n tiques sur long temps*, The session of scientific communications of the University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, series „Zootechnics and Biotechnologies”, Volume XXXVI, ISSN 1221-5287, Agroprint Publishing House, Timișoara, 22-23 May **2003**, pag. 253-257.

37. Calinovici Ioan, Hălmăgean Lucian, **Zdremțan Monica**, Caňțar Liliana, *Indirect method for determination of water consumption in the ecological fruit trees growing*, Sesiunea de comunic ri științifice a University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, The 7th Series, Horticulture, ISSN 1453-1402, Agroprint Publishing House, Timișoara, **2003**, pag. 111-119.

38. Caňțar Liliana, **Zdremțan Monica**, Hălmăgean Lucian, Calinovici Ioan, *The implications of the genetic amelioration, of the goats, for milk and meat productions*, 2nd International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol.59, Seria Zootehnie și Biotehnologii, Buletinul Universit ții de Științe Agricole și Medicin  Veterinar  Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 138-144.

39. Caňțar Liliana, **Zdremțan Monica**, Hălmăgean Lucian, Calinovici Ioan, *The reducing of the cellular metabolism, using the freezing conservation*, 2nd International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 59, 2003 Series Zootechnics and Biotechnologies, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 145-149.

40. Hălmăgean Lucian, **Zdremțan Monica**, Caňțar Liliana, *Drawing the semi-biotically fixed nitrogen into the nutrients stock*, 2nd International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, 2003 Series Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 29-33.

41. Hălmăgean Lucian, **Zdremțan Monica**, Caňțar Liliana, *Establishing the optimum time and depth of sowing the bean by using bacteria*, 2nd International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, 2003 Series Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 36-40.

42. Toma Florin, Toma Ștefania, Ivașcu Antonia, **Zdremțan Monica**, Caňțar Liliana, Hălmăgean Lucian, *Testing the regenerative capacity of In Vitro conditions for Spathiphyllum walissii L. Plants*, 2nd International Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, 2003 Series Horticulture, Bulletin of the University of Agricultural Sciences

and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 59-63.

43. Toma Ștefania, Ivașcu Antonia, Delian Elena, Toma Florin, **Zdremțan Monica**, Hălmăgean L., Canțâr Liliana, *Searching of genetic resources for powdery mildew resistance by biochemical and physiological parameters in peach and nectarines in Romania*, 2ndInternational Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, 2003 Series Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 63-71.

44. Zdremțan Monica, Idițoiu Cornelia, Canțâr Liliana, Hălmăgean Lucian, *The producing tobacco transplants by using unconventional systems*, 2ndInternational Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, 2003 Series Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 74-77.

45. Zdremțan Monica, *Reasearchers regarding the creation of New Burley tobacco varieties with superior characteristics*, 2ndInternational Symposium „Prospects for the 3rd Millennium Agriculture”, Cluj-Napoca, Vol. 60, 2003 Series Horticulture, Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, ISSN 1454-2382, Publishing House AcademicPres, **2003**, pag. 77-80.

D. Works published in papers and conference volumes with references (without index)

1. Monica Zdremțan, Daniela Diaconescu, Mihaela Meșter, Ciutină Virgil, Hălmăgean Lucian, Monica Lungu, *Study regarding the influence of water on preservation of courgettes by lactic fermentation*, International Symposium Research and Education in Innovation Era, 6th Edition, Book of Abstracts, Chemistry and Application Fields, December 08-10, **2016**, "Aurel Vlaicu" University in Arad, Arad.

2. Daniela Diaconescu, Monica Zdremțan, Mihaela Meșter, Lucian Hălmăgean, Dumitru Condrat, *Quality improving of whole wheat bread by using xylanase*, International Symposium Research And Education In Innovation Era 6th Edition, Book Of Abstracts, Chemistry And Application Fields, December 08-10, **2016**, "Aurel Vlaicu" University in Arad, Arad.

3. L. Hălmăgean, Mihaela Meșter, **Monica Zdremțan**, Maria Balint, Daniela Diaconescu, V. Ciutină, *The yellow watermelon with horns (Cucumis metuliferus) – food and therapeutic species with adaptation possibilities in Arad agroecological area*. Scientific Bulletin of ESCORENA (online) – ISSN 2069 – 8070, **2014**.

4. Hălmăgean L., Ciutină Virgiliu, **Zdremțan Monica**, Tetulea Raul, *Green fertilizers-nutritional support in organic viticulture*. International Symposium "Creative Availability in the World" – 4th edition of 23 February **2013**, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.

5. Zdremțan Monica, Meșter Mihaela, Diaconescu Daniela, *Influence of the use of some types of water on the conservation of Courcees*, International symposium "Creative Availability in the World" – 4th edition of 23 February **2013**, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.

6. Zdremțan Monica, Meșter Mihaela, Hălmăgean Lucian, Balint Maria, Podrumar Teodor, *Research on the use for the conservation of salt mines*, The International Symposium "Creative Availability in the World" – 4th edition of 23 February **2013**, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.

7. Hălmăgean L., Ciutină V., **Monica Zdremțan**, Maria Balint, *The molybdenum microelement, the stimulating factor of symbiotic activity at Pissum sativum L., and Phaseolus vulgaris L. In the area of Arad*, International Symposium "Creative Availability in the World" – 4th edition of 23 February **2013**, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.

8. Maria Balint, Hălmăgean L., Ciutină V., **Monica Zdremțan**, *Studies on the ecotechnology of medicinal plants from which flowers or inflorescences are used*, International symposium "Creative Availability in the World" – 4th edition of 23 February 2013
9. Meșter Mihaela, **Zdremțan Monica**, Hălmăgean Lucian, Balint Maria, *The study of the consumption of quail eggs on blood glucose adjustment*, The International Symposium, "Creative Availability in the World" – 4th edition of 23 February 2013, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.
10. Balint Maria, Hălmăgean Lucian, Ciutină Virgiliu, **Zdremțan Monica**, Meșter Mihaela, *Biostimulators accepted by organic farming in stimulating morpho-productive characters at Momordica Charantia L.* The International Symposium, "Creative Availability in the World" – 4th edition of 23 February 2013, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.
11. Podrumar Teodor, Balint Maria, Hălmăgean Lucian, Ciutină Virgiliu, **Zdremțan Monica**, Tetulea Raul, *Green fertilizers - nutritional support in organic viticulture*, The International Symposium, "Creative Availability in the World" – 4th edition of 23 February 2013, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași
12. Hălmăgean L., Maria Balint, Ciutină V., **Monica Zdremțan**, *Momordica charantia L. – valuable Medicinal plant with possibilities for adaptation in the Arad agro-ecological area*, The International Symposium, "Creative Availability in the World" – 4th edition of 23 February 2013, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.
13. Maria Balint, Hălmăgean L., Ciutină V., **Monica Zdremțan**, *The fixation of atmospheric nitrogen at Pissum sativum L. Depending on the amount of free nitrogen present in the soil and the method of administration of biofertilizers*, The International Symposium, "Creative Availability in the World" – 4th edition of 23 February 2013, Section II: Exact Sciences, Faculty of Physics, „Al. I. Cuza” University in Iași and the Cultural-Scientific Association "Vasile Pogor" Iași.
14. Maria Mihaela Balint, Virgil Ciutina, Lucian Hălmăgean, **Monica Zdremțan**, *Stimulating the morpho-productive characteristics at Momordica charantia L. under the influence of biostimulators accepted by organic farming*, International Symposium Research and Education in Innovation Era 4th Edition, 8-9 November 2012, Arad.
15. Teodor Podrumar, Lucian Hălmăgean, **Monica Zdremțan**, *The use of ferromonal bait in the supervision of the Lobesia botrana population (Den et schiff)*, International Symposium Research and Education in Innovation Era 4th Edition, 8-9 November 2012, Arad.
16. **Monica Zdremțan**, Daniela Diaconescu, Mihaela Mester, Maria Balint, *Dextran production from lactic fermentation of watermelon*, International Symposium Research and Education in Innovation Era , University Aurel Vlaicu of Arad, Faculty of Food Engineering, Tourism and Environmental Protection Arad, 2012.
17. **Zdremțan Monica**, Hălmăgean Lucian, Mihuța Maria, *Research regarding the use of starter cultures in vegetable pickles industry*, International Symposium Research and Education in Innovation Era , University Aurel Vlaicu of Arad, Faculty of Food Engineering, Tourism and Environmental Protection Arad, 2012.
18. Ianchici R., Segal R., Crișan S., **Zdremțan M.**, *Influence of working methods in the extraction, separation and drying of pea proteins on protein fractions.* – 45th Croatian & 5th International Symposium on Agriculture, 2010, p. 733-736.
19. Hălmăgean L., Ciutină V., **Monica Zdremțan.**, Maria Balint, *Improving the efficiency of fixing atmospheric nitrogen to Pissum Sativum l and Phaseolus Vulgaris L with biofertilisation*, Second Conference with International Participation „Modern Technologies and Biotechnologies for Environmental Protection”, Sibiu, June 2-5, 2010.
20. Hălmăgean L., Ciutină V., **Monica Zdremțan**, Maria Balint, *Studies on possibilities of elimination of arsenic iron and magnese from groundwater in the west part of Arad county*, Second

Conference with International Participation „Modern Technologies and Biotechnologies for Environmental Protection”, Sibiu, June 2-5, **2010**.

21. R. Ianchici, **M. Zdremțan**, R. Segal, *The influence of the development stage of the pea seeds on the proteins amount extracted in ultrasound field* – Proceedings of 44rd Croatian and 4th International Symposium on Agriculture, **2009**.

22. **M. Zdremțan**, R. Ianchici, A. Ivașcu, *Research regarding the behaviour of the tobacco plant in induced infection with different pathogens* – Proceedings of 44rd Croatian and 4th International Symposium on Agriculture, **2009**.

23. **D. Zdremțan**, **M. Zdremțan**, R. Ianchici, *Research regarding the use of tobacco infusion as insecticide* – Proceedings of 44rd Croatian and 4th International Symposium on Agriculture, **2009**.

24. Ianchici R., Segal R., Crișan S., **Zdremțan M.**, *Study regarding the influence of ultrasound assisted extraction on the pea protein structure* – PTEP Journal on processing and energy in agriculture, vol.13 (2), Novi Sad, **2009**, p.143-145, ISSN 1450-5029.

25. R. Ianchici, **M. Zdremțan**, *Obtaining an alcoholic propolis extract in the ultrasound field* - 43rd Croatian and 3th International Symposium on Agriculture – Book of abstracts, **2008**, p218, ISBN 978-953-6135-66-0.

26. Gh. Iancu, **M. Zdremțan**, R. Ianchici, *Influence of incorporation of forecrop stems and of other organic or mineral impregnates on soil quality* - 43rd Croatian and 3th International Symposium on Agriculture – Book of abstracts, **2008**, p19, ISBN 978-953-6135-66-0.

27. R. Ianchici, **M. Zdremțan**, R. Segal, *The effect of ultrasounds on the extraction of proteins from bee pollen* – 43rd Croatian and 3th International Symposium on Agriculture – Book of abstracts, **2008**, p. 217, ISBN 978-953-6135-66-0.

28. Gh. Iancu, **M. Zdremțan**, R. Ianchici, *Influence of incorporation of forecrop stems and of other organic or mineral impregnates on soil quality* - 43rd Croatian and 3th International Symposium on Agriculture – Book of abstracts, **2008**, p. 19, ISBN 978-953-6135-66-0.

29. Dana Radu, **Monica Zdremțan** *Assessing the microbiological stability of the various formulas of apple puree*, The International Scientific Symposium "Achievements and Perspectives in horticulture, viticulture, winemaking and forestry" devoted to the anniversary of 100 years after the birth Professor Gherasim Rudi, Chișinău, **2007**, The State Agriculture University in the Republic of Moldova, Faculty of Horticulture, Scientific Papers, volume 15 (1), ISBN 978-9975-946-11-7 (general), 978-9975-946-31-5, The State Agriculture University in the Republic of Moldova Publishing House, pag. 335-338.

30. **Monica Zdremțan**, Antonia Ivașcu, Adriana Stîngă, Cornel Sivu, Dumitra Tămaș, Raul Ianchici, Dana Zdremțan, *Peach Breeding Strategy for Resistance to diseases in Romania*, 1 st International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, 6-8 iunie **2007**, Lozenec, Bulgaria, vol. I: Agriculture and veterinary medicine, p. 119-122, ISBN 978-954-91147-3-7.

31. Antonia Ivașcu, **Monica Zdremțan**, Adriana Stîngă, Dumitra Tămaș, Raul Ianchici, Dana Zdremțan, *Radiomutations induced in peach*, 1 st International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, 6-8 iunie **2007**, Lozenec, Bulgaria, , vol. I: Agriculture and veterinary medicine, ISBN 978-954-91147-3-7.

32. Ianchici Raul, **Zdremțan Monica**, Ivașcu Antonia, Zdremțan Dana, *The action of the ultrasounds on the soy proteins extractions yield*, 1 st International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, 6-8 iunie **2007**, Lozenec, Bulgaria, vol. I: Agriculture and veterinary medicine, ISBN 978-954-91147-3-7.

33. **Zdremțan Monica**, Ianchici Raul, Ivașcu Antonia, Radu Dana, Zdremțan Dana, *The action of ultrasounds on the tabacco seeds proteins extraction yield* , 1 st International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, 6-8 iunie **2007**, Lozenec, Bulgaria, vol. I: Agriculture and veterinary medicine, ISBN 978-954-91147-3-7.

34. Szabo Maria Raluca, **Zdremțan Monica**, Chambre Dorina, Idițoiu Cornelia, *Studies on the color stability at temperature and pH variations for the orange peel alcoholic extract*,

International Symposium Euro-Aliment – 4th edition , Faculty of Food Science and Engineering, Lower Danube University, Galați, 20-21 September 2007, „Papers of the International Symposium”, pag. 83-85, ISSN 1843-5114.

35. Zdremțan Monica, *Genetic Characteristics of some Intraspecific Tobacco Hybrids*, Jubilee Conference with International Participation „Agricultural and Food Sciences, processes and Technologies” with theme Agriculture and Food Industry Within the Context of European Integration, Proceeding of International Conference, ISSN 1843-0694, 2007, „Lucian Blaga” University in Sibiu Publishing House

36. Zdremțan Monica, *Methods of Obtaining a Double Set of Chromosomes in Haploid Tobacco Plants*, Jubilee Conference with International Participation „Agricultural and Food Sciences, processes and Technologies” with theme Agriculture and Food Industry Within the Context of European Integration, Proceeding of International Conference ISSN 1843-0694, 2007, „Lucian Blaga” University in Sibiu Publishing House

37. M.G. Meșter, I. Danciu, A.G. Onofrei, M. Zdremțan, *Additives in food industry. The study of carotenoids from orange peeling* Jubilee Conference with International Participation „Agricultural and Food Sciences, processes and Technologies”, Sections Chemistry, ISSN 1843-0694, „Lucian Blaga” University in Sibiu Publishing House, 2007, Sibiu.

38. R. Ianchici, M. Zdremțan, *Study regarding the influence of work conditions on the soy proteins extraction yield*, Scientific and technical Bulletin, series Chemistry, Food science & Engineering, Year XIII, vol.12, 2007, p. 149-153, ISSN 1582-1021.

39. Monica Zdremțan, Dana Zdremțan, Adriana Stîngă, Dumitra Tămaș, *Research on the composition of the soil mixture for the coating of the substrate* The Horticultural Journal "Hortinform", 1/161, The Publisher of the Romanian Horticultural Patronate and the Romanian Society of Horticulture, 2007.

40. Monica Zdremțan, *The yellow melon and its importance for the body* The Horticultural Journal "Hortinform", The Publisher of the Romanian Horticultural Patronate and the Romanian Society of Horticulture, 2007.

41. Dana Radu, Monica Zdremțan, *Nutritional quality of culinary preparations after heat processing*, Horticultural Journal "Hortinform", 4th quarter 2007, anul XV, nr. 4/164, pag. 24-25, The Publisher of the Romanian Horticultural Patronate and the Romanian Society of Horticulture, 2007.

42. A. Ivașcu, A. Stîngă, M. Zdremțan, D. Zdremțan, R. Ianchici, *Peach germoplasm found at SCDP Băneasa*, Food Science and Engineering, Series Chemistry, „Aurel Vlaicu” University in Arad Publishing House, Year XII, vol.11 2006, p.145, ISSN 1582-1021.

43. Monica Zdremțan, Antonia Ivașcu, Cecilia Dogaru, *The earth worm-the oldest ecological farmer*, "Plant Health" magazine, 4/2006, Nr. 95, 1453-9330, publishing house S.C. "Alcedo" S.R.L. Bucharest, pag. 49.

44. Adriana Stîngă, Antonia Ivașcu, Monica Zdremțan, Dana Zdremțan, Ianchici Raul, *Biology aspects of main peach tree diseases in Baneasa area*, Scientific and Technical Bulletin”, „Aurel Vlaicu” University in Arad Publishing House, Series Chemistry, Food Science and Engineering, Year XII, Vol. 11, 2006, ISSN 1582-1021, pag. 185.

45. Monica Zdremțan, Dana Zdremțan, *Research on improving living conditions and protecting the potential of the Mures River*, Interg III HU-RO SCG-1/356, Conference of the Mureș Forum, Arad, Biodiversity, 2006.

46. Monica Zdremțan, Raul Ianchici, Antonia Ivașcu, *Impact of tobacco smoke on the environment*, "Plant Health" Magazine, 11/2005, Nr. 90, ISSN 1453-9330, Publishing House S.C. "Alcedo" S.R.L. Bucharest, pag. 37.

47. Monica Zdremțan, Raul Ianchici, Antonia Ivașcu, *The properties of oil from tobacco seeds and the possibility of using it in nutrition*, "Plant Health" magazine, 9/2005, Nr. 88, ISSN 1453-9330, Publishing House S.C. "Alcedo" S.R.L. Bucharest, pag. 50

48. Antonia Ivașcu, Adriana Buciuceanu, Monica Zdremțan, *Peach resistance to diseases evaluation to obtain quality raw material in the cannes industry*, Scientific and Technical Bulletin”,

Publishing House Universității „Aurel Vlaicu” din Arad, Series Chemistry, Food Science and Engineering, Year XI, Vol. 10, **2005**, ISSN 1582-1021, pag. 118.

49. Monica Zdremțan, Raul Ananici, Antonia Ivașcu, *Nutritional qualities of proteins from the main species of cultivated mushrooms*, "Plant Health" Magazine, 8/**2005**, Nr. 87, ISSN 1453-9330, Publishing House S.C. "Alcedo" S.R.L. Bucharest, pag. 35

50. Monica Zdremțan, *Pro and against Tobacco*, 2nd International Symposium "Environmental Resources and Sustainable Development", University of Oradea, **2005**, Faculty of Environmental Protection and University of Debrecen, Faculty of Agricultural Sciences

51. Monica Zdremțan, *World tobacco Production and Trade*, 2nd International Symposium "Environmental Resources and Sustainable Development", University of Oradea, **2005**, Faculty of Environmental Protection and University of Debrecen, Faculty of Agricultural Sciences

52. **Zdremțan Monica**, Ivașcu Antonia, Chiș Sabin, Lungu Monica, *Orientation directions for peach integrated production in romania*, 2nd International Symposium "Environmental Resources and Sustainable Development", University of Oradea, **2005**, Faculty of Environmental Protection and University of Debrecen, Faculty of Agricultural Sciences, RO ISBN 973-613-898-4, HU ISBN 963-9274-887, pag. 505-511.

53. **Monica Zdremțan**, *Tobacco and diseases*, Proceedings of the International Conference „Agricultural and Food Sciences, Processes and Technologies”, 12-13 May **2005**, „Lucian Blaga” University of Sibiu, volume 1, Lucian Blaga” University of Sibiu Publishing House, ISBN 973-739-094-6, pag. 330-336.

54. Raul Ianchici, **Monica Zdremțan**, *Characteristics of the tobacco seed's oil and the possibilities of using it in alimentation*, Proceedings of the International Conference „Agricultural and Food Sciences, Processes and Technologies”, 12-13 May **2005**, „Lucian Blaga” University of Sibiu, volume 1, Lucian Blaga” University of Sibiu Publishing House, ISBN 973-739-094-6, pag. 325-329.

55. **Monica Zdremțan**, *Aspect regarding tobacco chemistry*, Proceedings of the International Conference „Agricultural and Food Sciences, Processes and Tehnologies”, 12-13 mai **2005**, „Lucian Blaga” University of Sibiu, volume 1, Lucian Blaga” University of Sibiu Publishing House, ISBN 973-739-094-6, pag. 320-324.

56. **Monica Zdremțan**, Raul Ianchici, *Aspect regarding the impact of tobacco smoke on the environment*, Proceedings of the International Conference „Agricultural and Food Sciences, Processes and Tehnologies”, 12-13 mai **2005**, „Lucian Blaga” University of Sibiu, volumul 1, Lucian Blaga” University of Sibiu Publishing House, ISBN 973-739-094-6, pag. 314-319.

57. Palcu Sergiu, **Zdremțan Monica**, *Chemical food contaminants – aromatic polycyclic hydrocarbons*, 2nd International Symposium "Environmental Resources and Sustainable Development", University of Oradea, **2005**, Faculty of Environmental Protection and University of Debrecen, Faculty of Agricultural Sciences, RO ISBN 973-613-898-4, HU ISBN 963-9274-887, pag. 323-328.

58. **Zdremțan Monica**, *Techniques for doubling the cromosome set in haploid tobacco plants*, „39th Croatian Symposion on Agriculture with International Participation”, Section: Genetics, Plant, Breeding and Seed Production, Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag.158, 159.

59. Ioan Calinovici, Lucian Hălmăgean, **Monica Zdremțan**, Liliana Cantâr, Claudia Craiu, *The estimate of water comsumption in an apple plantation by indirect methods*, „39th Croatian Symposion on Agriculture With International Participation”, Section Pomology, Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK: 63(497.5)(063), pag. 171, 172.

60. Lucian Hălmăgean, **Monica Zdremțan**, Liliana Cantâr, Ioan Calinovici, *The influence of the nitrogen fertilization level on the bacterian symbiosis of the seed tree vegetable cultures*, „39th Croatian Symposion on Agriculture With International Participation”, Section: Vegetable Growing, Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag. 343, 344.

61. Lucian Hălmăgean, **Monica Zdremțan**, Liliana Canțar, *The fertilization of the been seeds cultures with macro and microelements applied on the soil and on the leaves*, „39th Croatian Symposion on Agriculture With International Participation”, Section: Vegetable Growing Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag. 417, 418.

62. Liliana Canțar, **Monica Zdremțan**, Lucian Hălmăgean, *Calculus procedures for determining optimal sperm concentration for a frzoen seminal material those usable for goats*, „39th Croatian Symposion on Agriculture With International Participation”, Section: Animal Husbandry, Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag. 713, 714.

63. Liliana Canțar, **Monica Zdremțan**, Lucian Hălmăgean, Ioan Calinovici, *Suitability tests of seminal goat material, for processing and freezing procedures, using standard and bio chemical sperm diagrams*, „39th Croatian Symposion on Agriculture With International Participation”, Section Animal Husbandry, Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag. 711, 713.

64. **Monica Zdremțan**, Liliana Canțar, Lucian Hălmăgean, Ioan Calinovici, Liliana Creț, Iuliu-Radu Găbruș, Monica Lungu, *Embryo-genetic aptitudes of some intra-specific tobacco hybrids of the Burley and Virginia type and of some inter-specific tobacco hybrids of the Nicotiana tabacum X Nicotiana alata F₁ type*, „39th Croatian Symposion on Agriculture With International Participation”, Section Genetics, Plant, Breeding and Seed Production, Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag 151, 153.

65. **Monica Zdremțan**, Claudiu Ursachi, Liliana Canțar, Lucian Hălmăgean, Claudia Craiu, *An imporoved method of obtaining new tabacco genotypes by using the haploid method in andogenesis*, „39th Croatian Symposion on Agriculture With International Participation”, Section: Genetics, Plant, Breeding and Seed Production Faculty of Agriculture University of Zagreb, February 17 – 20, **2004**, ISBN: 953-6135-40-X::UDK:63(497.5)(063), pag. 295, 296.

66. Iuliu-Radu Găbruș, **Monica Zdremțan**, *Modern technologies in agriculture*, The 6th International Conference on Food Science, Szeged, 20-21 mai **2004**, ISBN 963- 482- 676- 8, pag. 7.

67. Antonia Ivașcu, **Monica Zdremțan**, *New romanian peach varieties*, The 6th International Conference on Food Science, Szeged, 20-21 mai **2004**, ISBN 963- 482- 676- 8, pag. 174.

68. Monica Zdremțan, *Tobacco between prejudices and science*, National Conference on International Participation "Scientific Research in the Conditions of European Integration", Brăila 28-29 May, Agir Publishing House, Bucharest, **2004**, ISBN 973-8466-50-4.

69. **Monica Zdremțan**, *Perspectives for the tobacco industry in an ever-changing world*, National Conference on International Participation "Scientific Research in the Conditions of European Integration", Brăila 28-29 Mai, Agir Publishing House, București, **2004**, ISBN 973-8466-50-4.

70. **Zdremțan Monica**, Raul Ianchici, Ivașcu Antonia, *Evaluation of some biochemical compounds implicated in biotic stress at some peaches and nectarines genotypes*, The Annals of the „Aurel Vlaicu” University in Arad, Chemistry Series, Chemistry and Environment Protection Branch, ISSN 1582-3415, Arad, **2004**, pag. 371.

71. Raul Ianchici, Antonia Ivașcu, **Monica Zdremțan**, *Comparative analysis between refreshing beverages and fruit juices*, „Scientific and Technical Bulletin”, „Aurel Vlaicu” University in Arad Publishing House, Series Chemistry, Food Science and Engineering, Year X, Vol. 8, **2004**, ISSN 1582-1021, pag. 94.

72. **Zdremțan Monica**, Claudiu Ursachi, Ivașcu Antonia, *Chemical composition of nectarine genitors used for breeding program in Romania*, The Annals of the „Aurel Vlaicu” University in Arad, Chemistry Series, Chemistry and Environment Protection Branch, ISSN 1582-3415, Arad, **2004**, pag. 365.

- 73. Monica Zdremțan**, Gabriel Nedelea, Antonia Ivașcu, Petre Gherghe, Caragea Mihaela, Tămaș Dumitra, Toma Ștefania, *Tendencies and perspectives in the nectarin cultivation*, „Banat Agriculture” Magazine, University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, Agroprint Publishing House Timișoara, nr. 11-12, ISSN 1453-1313, pag. 12, **2003**.
- 74. Monica Zdremțan**, Gabriel Nedelea, Antonia Ivașcu, Petre Gherghe, Caragea Mihaela, Tămaș Dumitra, Toma Ștefania, *Lobby for the peach tree cultivation*, „Banat Agriculture” Magazine, University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, Agroprint Publishing House Timișoara, ISSN 1453-1313, **2003**.
- 75. Zdremțan Monica**, Hălmăgean Lucian, Ivașcu Antonia, Sivu Cornel, *The use of the nicotine solution in the integrated protection of fruit trees*, "Hortinform" Magazine, edited by the horticulture Patronate in Romania, The Romanian Society of Horticulture, Bucharest, year XII, No. 9/133, **2003**, ISSN 1221-4728, pag. 31-36.
- 76. Zdremțan Monica**, Ivașcu Antonia, Sivu Cornel, Hălmăgean Lucian, *Can the tobacco be useful in integrated protection?*, The "Hortinform" Magazine, edited by the Romanian Horticultural Company, Romania Horticultural Society, Bucharest, XII year, No. 9/133, **2003**, ISSN 1221-4728, pag. 37-39.
- 77. Zdremțan Monica**, Gabriel Nedelea, *Unconventional use of tobacco*, "Banat Agriculture" magazine, year X, Nr. 3-4, **2003**, University of Agricultural Sciences and Veterinary Medicine of Banat, Timisoara, pag. 12-13.
- 78. Zdremțan Monica**, Gabriel Nedelea, *The impact of tobacco smoke on the body*, "Banat Agriculture" magazine, year X, Nr. 5-6, 2003, University of Agricultural Sciences and veterinary Medicine of Banat, Timișoara, ISSN 1453-1313, Agroprint Timișoara, **2003**, pag. 12-13.
- 79. Zdremțan Monica**, Ivașcu Antonia, *Are the orchards of apricot and peach trees in distress?* "Banat Agriculture" magazine, year X, No. 9-10, 2003., University of Agricultural Sciences and Veterinary Medicine of Banat, Timisoara, ISSN 1453-1313, Agroprint Publishing house Timișoara, **2003**, pag. 12-13.
- 80. Antonia Ivașcu**, Mihaela Caragea, Dumitra Tămaș, Cristina Petrișor, Veronica Lazăr, Petre Gherghe, Monica Zdremțan, Lucian Hălmăgean, *New varieties of peach and nectarin with increased resistance to diseases*, "Plant Health" Magazine, No. 66, November 2003, ISSN 1453-9330, Publishing House S.C. "Alcedo" SRL Bucharest, **2003**, pag. 35.
- 81. Antonia Ivașcu**, Cornel Sivu, Mihaela Caragea, Monica Zdremțan, Petre Gherghe, Lucian Hălmăgean, *The decline of the apricot and peach tree*, "Hortinform" Magazine, Edited by the Romanian Horticultural Owner, the English Society of Horticulture, Bucharest; No. 9, **2003**, ISSN 1221-4728, pag. 28-30.
- 82. Monica Zdremțan**, Liliana Canțar, *Adaptability of fish to the pollution factors of the Mureș River*, "Aurel Vlaicu" University Arad, Faculty of Food Engineering, tourism and environmental protection, No. 1-2 (45-46)/2003, ISSN 1221-5317, **2003**, pag. 30-33.
- 83. Monica Zdremțan**, Liliana Canțar, Hălmăgean Lucian, Rafila Obaju, Florian Harja, *Lactic fermentation nonpolluting method for cucumbers pickling*, „Scientific and Technical Bulletin”, Publishing House Universității „Aurel Vlaicu” din Arad, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 67.
- 84. Monica Zdremțan**, Antonia Ivașcu, Liliana Canțar, Petre Popa, *Genitors of peach and nectarine trees with increased resistance to mildew*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 116.
- 85. Monica Zdremțan**, Antonia Ivașcu, Cornelia Idițoiu, Petre Popa, *Worldwide tendencies and perspectives in peach melioration*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 110.
- 86. Monica Zdremțan**, Antonia Ivașcu, *The behavior of certain peach varieties and hybrids against the main fungus diseases*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University

Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 102.

87. Monica Zdremțan, Antonia Ivașcu, *New types of integrated fruit trees cultivation*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 99.

88. Raul Ianchici, **Monica Zdremțan**, *The evaluation of the nutritional qualities of the pollen taken from the bees*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 70.

89. Monica Zdremțan, Antonia Ivașcu, Sabin Chiș, Liliana Canțăr, Virgil Ciutină, *Strategies for developing peach cultivation in Romania*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 119.

90. Canțăr Liliana, **Zdremțan Monica**, Calinovici Ioan, *Glucose and lactose influence on gametes vitrification*, Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 78.

91. Monica Zdremțan, Antonia Ivașcu, Petre Popa, *Peach gene heritage analysis for varieties cultivated in Romania*, „Scientific and Technical Bulletin”, "Aurel Vlaicu" University Arad Publishing House, Series Chemistry, Food Science and Engineering, Year IX, Vol. 8, **2003**, ISSN 1582-1021, pag. 125.

92. Canțăr Liliana, **Zdremțan Monica**, Calinovici Ioan, *Fructose positive bearings in seminal material freezing biotechnology*, „Scientific and Technical Bulletin”, Series Chemistry, Food Science and Engineering, Year VIII, vol.7, 2002, ISSN 1582-1021, "Aurel Vlaicu" University Arad, **2002**, pag. 83-88.

93. Canțăr Liliana, **Zdremțan Monica**, Calinovici Ioan, *Aluminium influence on the soil quality*, „Scientific and Technical Bulletin”, Series Chemistry, Food Science and Engineering, Year VIII, vol.7, **2002**, ISSN 1582-1021, "Aurel Vlaicu" University Arad, 2002, pag. 89-96.

94. Zdremțan Monica, Canțăr Liliana, Calinovici Ioan, Beju Constantin, *Types of tabagic behaviour*, „Scientific and Technical Bulletin”, Series Chemistry, Food Science and Engineering, Year VIII, vol.7, **2002**, ISSN 1582-1021, "Aurel Vlaicu" University Arad, 2002, pag. 108-111.

95. Zdremțan Monica, Palcu Sergiu, *The chemical composition of the tobacco smoke*, „Scientific and Technical Bulletin”, Series Chemistry, Food Science and Engineering, Year VIII, vol.7, 2002, ISSN 1582-1021, "Aurel Vlaicu" University Arad, **2002**, pag. 51-54.

96. Hălmagean Lucian, Monica Zdremțan, *A modern and efficient mean of increasing production at legumes used for breeding using extraradicular fertilization*, "Agriculture" Magazine of Agricultural Science and practice, Academipress Publishing House, Cluj-Napoca, No. 1-2 (45-46)/2003, ISSN 1221-531, **2003**, pag. 25-29.

97. Zdremțan Monica, *The techniques for doubling the chromosome set of the tobacco plants haploid*, "Agriculture" Magazine of Agricultural Science and practice, year XI, No. 3-4 (43-44), 2002, ISSN 1221-5317, AcademicPress Cluj-Napoca, **2002**, pag. 48-52.

98. Zdremțan Monica, *Embryogenetic abilities of some intraspecific hybrids of Burley and Virginia and interspecific F1 of Nicotiana tobacco X Nicotiana alata*, "Agriculture" Magazine, year XI, Nr. 3-4 (43-44), 2002, ISSN 1221-5317, AcademicPress Publishing House Cluj-Napoca, **2002**, pag. 44-47.

E. Patents obtained during the whole activity

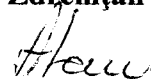
F. Research contracts during the whole activity

1. Research Contract No. 1016/13.04.2007, *Research on the use of tobacco extracts as an ecological product for the purpose of combating pest species in trees*, "Aurel Vlaicu" University of Arad –S.C. "MARIDA INTERMED" S.R.L., **contract responsible.**

2. Research Contract No. 939/3, *Research on the elaboration of some recipes to obtain solid or liquid mixes to treat animals against pests from tobacco leaves and other ingredients*, "Aurel Vlaicu" University of Arad-SC. "Comexim R" S.R.L. Lupeni, **contract responsible**
3. Research Contract 1392/26.04.2005, *Research on the technology production of propagating material intended to establish organic fruit tree plantations, according to the industry standards, of the Agrarian Project 294/01.09.2004*, university " Aurel Vlaicu "from Arad – Institute of Research and Development for the Tree Crops, Mărăcineni, Jud. Argeş, **contract responsible**
4. Contract of research and Inter-University collaboration, Nr. 374/28.01.2004: *Research on quality control of semen, in animals, before and after freezing*, "Aurel Vlaicu" University of Arad-General Association of Cattle Farmers in Romania, **contract responsible**.
5. Research Contract No. 538/09.02.2004, *Influence of genetic and non-genetic factors in the bulls' spermatogenesis*, **responsible for the Applied Genetics field**
6. Research Contract No. 15073/22.12.2003, *Genetic improvement of cattles, by developing a computer system, for quantificating and directing productive performances*, "Aurel Vlaicu" University of Arad-D.S.V. Arad, **coordinator**.
7. European Programme FP – 6, *Upgrading Hydrocolloids from Agro by – products for Food and Pharmaceutical Applications*, University of Studies in Milano, Department DISTAM, Italia, **2004, member in the collective**
8. Research Project No. 6793 from 21.12.2004, *Research on the balance of water in the soil in a maize culture and setting the optimal moment for watering*-"Aurel Vlaicu" University of Arad - S.C. „Trei Movile” S.R.L., Şiclău, jud. Arad, **member in the collective**.
9. Research project, CNCSIS code 224/18.01.2004, *The study of biological processes of nitrogen fixators in non-leguminous plants. Modeling of nitrogen fixation mechanism with inorganic chemical systems*, **member in the collective**
10. Research Contract, No. 1862/2003 UMP-MAAP, financed by the World Bank, *Profitabilization of the culture of peaches in small and medium farms*, **member of the collective**
11. Research Contract No. 3149/2003 UMP-MAAP, financed by the World Bank, *Obtaining quality tree propagating material in nurseries, under the conditions of applying technologies with minimal inputs, in small and medium farms*, **member in the collective**.

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Prof. dr. ing. Zdreţan Monica



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