



Universitatea de Științe Agricole și Medicină Veterinară a Banatului - Timișoara
DEPARTAMENTUL ȘTIINȚE EXACTE
 Calea Aradului nr. 119, 300645 Timișoara, jud. Timiș
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Participarea la manifestări științifice naționale (simpozioane, congrese, conferințe etc.)

Nr. crt.	Titlu articol	Nume, prenume autor(i) articol	Manifestarea științifică	Anul	Date identificare contract
1.	Application of the luciferin/luciferase bioluminescent system in hygiene monitoring of raw milk	Caprita Rodica, Caprita Adrian, Vintila Teodor	Simpozionul "Zilele Academice Timișene"; Ed. IX	2005	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
2.	Some biochemical aspects in milk acidification	Caprita Rodica, Caprita Adrian	Simpozionul "Zilele Academice Timișene"; Ed. IX	2005	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
3	Case study concerning the heavy metals phyto- extraction from three different soil types by species from <i>Asteraceae Family</i>	Monica Butnariu Veronica Sărățeanu, Marinel Nicolae Horablaga,	Simpozionul Internațional – Prezent și perspective în biotehnologiile alimentare, Ediția a III- a, 15 – 17 Noiembrie, Universitatea „Ștefan Cel Mare” din Suceava, Facultatea de Inginerie Alimentară, 2007	2007	CEEX 5899/18.09.2006

Participarea la manifestări științifice internaționale (simpozioane, congrese, conferințe etc.)

Nr. crt.	Titlu articol	Nume, prenume autor(i) articol	Manifestarea științifică	Anul	Date identificare contract
1.	The Luciferin/Luciferase enzymatic reaction as microbiological testing technique	Caprita Rodica, Caprita Adrian, Vintila Teodor	1 – st South East European Congress of Chemical Engineering - Belgrade	2005	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
2.	Microbiological testing technique using the luciferin/luciferase enzymatic reaction	Caprita Rodica, Caprita Adrian, Vintila Teodor	1 – st International IUPAC Conference on Green Chemistry, Dresden	2006	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
3.	Application of bioluminescence in microbiological analysis of raw milk	Caprita Rodica, Caprita Adrian, Vintila Teodor	12 – th International Conference on Physical Chemistry, ROMPHYSICHEM-12, Bucharest	2006	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
4.	Some biophysical and biochemical aspects of milk acidity	Caprita Adrian, Caprita Rodica	12 – th International Conference on Physical Chemistry, ROMPHYSICHEM-12, Bucharest	2006	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
5.	Biophysical procedures as non polluting alternative to chemical analysis of milk protein	Caprita Adrian, Caprita Rodica	1 – st Symposium of Chemistry and Environment, Milocer-Budva (Muntenegro)	2007	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
6.	The ATP assay, a method for measuring biological activity in raw milk	Caprita Adrian, Caprita Rodica, Vintila Teodor	5 – th International Congress on Food Technology, Thessaloniki	2007	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
7.	The influence of chemical composition on physical parameters in cow's milk	Caprita Rodica, Caprita Adrian	5 – th International Congress on Food Technology, Thessaloniki	2007	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
8.	A comparative study on analytical techniques used for the determination of lactose in milk	Caprita Adrian, Caprita Rodica	International Conference „Agricultural and Food Sciences Processes and Technologies”, Sibiu	2007	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
9.	Physico-chemical changes during milk fermentation	Caprita Adrian, Caprita Rodica	International Conference „Agricultural and Food Sciences Processes and Technologies”, Sibiu	2007	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
10.	Bioluminescence and electrical conductance used in monitoring the biological activity of raw milk	Caprita Rodica, Caprita Adrian, Nici Valeria	13 – th ISACP Congress, Barcelona	2008	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50



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11.	Effect of biochemical composition on the biophysical parameters in cow's milk	Caprita Rodica, Caprita Adrian, Nicu Valeria	13 – th ISACP Congress, Barcelona	2008	CNCSIS nr. contract GR 79/17.05.2006, nr. tema 2, cod 50
12.	Biophysical methods used for evaluating soybean protein solubility	Caprita Rodica, Caprita Adrian, Julean Calin	4 – th International Symposium on Recent Advances in Food Analysis, Praga	2009	CNCSIS PN II-IDEI (ID_894/2008, contract nr. 1054/2009)
13.	Effect of particle size and pH on soybean protein solubility	Caprita Adrian, Caprita Rodica, Ilia Gheorghe	4 th International Symposium on Recent Advances in Food Analysis, Praga	2009	CNCSIS PN II-IDEI (ID_894/2008, contract nr. 1054/2009)
14.	Application of biophysical methods for soybean quality assessment	Caprita Rodica, Caprita Adrian	60 – th Annual Meeting of EAAP, Barcelona	2009	CNCSIS PN II-IDEI (ID_894/2008, contract nr. 1054/2009)
15.	Rapid and sensitive methods to assure food safety and quality	Caprita Adrian, Caprita Rodica	60 – th Annual Meeting of EAAP, Barcelona	2009	CNCSIS PN II-IDEI (ID_894/2008, contract nr. 1054/2009)
16.	Heavy metal contamination bioindicator plants from grasslands	Sărățeanu Veronica, Monica Butnariu	International Society of Environmental Bioindicators (ISEBI) and The International Union of Biological Scientists (IUBS) Commission on Bioindicators, 07 – 09 June, 2007 City University of Hong Kong – Kowloon, Hong Kong, SAR China,	2007	CEEX 1466/4/04.2006
17.	High zinc and nickel content impact on <i>Urtica dioica</i> plants testing as vegetal bioindicators	Monica Butnariu, Sărățeanu Veronica	International Society of Environmental Bioindicators (ISEBI) and The International Union of Biological Scientists (IUBS) Commission on Bioindicators, 07 – 09 June, 2007 City University of Hong Kong – Kowloon, Hong Kong, SAR China,	2007	CEEX 1466/4/04.2006
18.	Soil cobalt biodisponibility for the plants that are developing in Saravale (Timis County – Romania) vegetation community	Monica Butnariu, Veronica Sărățeanu, Samfira I.	14 – th Meeting of the FAO – CIHEAM Mountain Pastures Network, Adapting management to the new challenges of European mountain grasslands, 30 May to 1 June, 2007, Troyan (Bulgaria), Journal of Mountain Agriculture on the Balkans (50 – 54), Research Institute of Mountain Stockbreeding and Agriculture,	2007	CEEX 1466/4/04.2006
19.	Study of zinc toxicity on nettle plants	Monica Butnariu, Veronica Sărățeanu	Conference, regulating chemical risks: science, politics and the media, Stockholm, 16 – 17, August SUEDIA, Conference Organized of The Centre for Baltic and East European Studies (CBEES) presents a Multidisciplinary Research, Book of Royal Institute of Technology, 2007	2007	CEEX 1466/4/04.2006
20.	Soil nickel bioavailability for the plants that are developing in Saravale vegetation community	Monica Butnariu, Veronica Sărățeanu	Book of Royal Institute of Technology, Conference Organized of The Centre for Baltic and East European Studies (CBEES) presents a Multidisciplinary Research Conference, regulating chemical risks: science, politics and the media, Stockholm, 16 – 17, August SUEDIA	2007	CEEX 1466/4/04.2006
21.	Manganese content from Banat's alluvial soils	Carmen Durău, Monica Butnariu, Veronica Sărățeanu	The XIV Symposium on Analytical and Enviromental Problems, Szeged, Ungaria, 2007	2007	CEEX 5899/18.09.2006
22.	Approach on the interrelation of zinc and nickel amount in the alluvial soils from Western Romania	Monica Butnariu Veronica Sărățeanu	The XIV Symposium on Analytical and Enviromental Problems, Szeged, Ungaria, 2007	2007	CEEX 5899/18.09.2006
23.	Approach on a vegetation community from Beba Veche (Timis County, Romania) and the influence of the copper amount from soil (a case study)	Veronica Sărățeanu, Monica Butnariu	The XIV Symposium on Analytical and Enviromental Problems, Szeged, Ungaria, 2007	2007	CEEX 5899/18.09.2006
24.	Identification of the plants hyer accumulators for metals throughstudy of biodiversity of grassland vegetation	Monica Butnariu, Veronica Veronica Sărățeanu, Ionel Samfira, Elena Tonea, Daniela Stoin, Camelia – Maria Ștefan,	14 – th Meeting of the FAO – CIHEAM Mountain Pastures Network, Adapting management to the new challenges of European mountain grasslands, 30 May to 1 June, Troyan (Bulgaria), Journal of Mountain Agriculture on the Balkans (50 – 54), Research Institute of Mountain Stockbreeding and Agriculture	2008	CEEX 5899/18.09.2006
25.	Testing the accumulatingpotential of <i>Chrysanthemum Leucanthemum</i> L. (<i>Sin.</i>	Monica Butnariu, Veronica Sărățeanu, Ionel Samfira, Elena Tonea, Daniela	14 – th Meeting of the FAO – CIHEAM Mountain Pastures Network, Adapting management to the new challenges of European mountain grasslands, 30 May to 1 June, Troyan (Bulgaria), Journal of Mountain Agriculture on the Balkans (50 – 54), Research	2008	CEEX 5899/18.09.2006



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	<i>Leucanthemum Vulgare Lam.</i>) plants for the copper from grassland soil,	Stoin, Camelia – Maria Ștefan,	Institute of Mountain Stockbreeding and Agriculture		
26.	The Influence of the heavy metals content of the biotope on the grassland biodiversity,	Monica Butnariu, Sărățeanu Veronica,	FAO/CIHEAM ELVAS, Estação Nacional de Melhoramento de Plantas, 7350 – 951 Elvas, PORTUGALIA., 2008	2008	CEEX 5899/18.09.2006
27.	Study concerning the influence of <i>eryngium campestre</i> l. on grassland biodiversity and structure,	Monica Butnariu, Sărățeanu Veronica,	FAO/CIHEAM ELVAS, Estação Nacional de Melhoramento de Plantas, 7350 – 951 Elvas, PORTUGALIA., 2008	2008	CEEX 5899/18.09.2006
28.	Approaches on the influence of <i>Rosa Canina</i> shrub species on the vegetation of some grassland from Western Romania	Sărățeanu Veronica, Monica Butnariu	FAO/CIHEAM ELVAS, Estação Nacional de Melhoramento de Plantas, 7350 – 951 Elvas, PORTUGALIA., 2008	2008	CEEX 5899/18.09.2006
29.	The management of some plants species having in view the identification of vegetal bioindicators of the heavy metals from soil	Monica Butnariu, Veronica Sărățeanu, Elena Tonea, Otilia Cotuna, Cornelia Cheț	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2008	CEEX 5899/18.09.2006
30.	Cobalt content from Banat's (Western Romania) alluvial soils	Monica Butnariu, Veronica Sărățeanu, Elena Tonea, Otilia Cotuna	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2008	CEEX 5899/18.09.2006
31.	Pollution with heavy metals in Timisoara area (Western Romania)	Iuliana Romali, Borza Iacob, Veronica Sărățeanu, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2008	CEEX 5899/18.09.2006
32.	Potential of <i>Pteridium Aquilinum</i> for its use as ecologic indicator	Samfira Ionel, Moisuc Alexandru, Cornelia Cheț, Proca Sebastian, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2008	CEEX 5899/18.09.2006
33.	The determining of the molybdenum amount from soil having in view the determination of the deficiencies of this metal for plants	Veronica Sărățeanu, Elena Tonea, Otilia Cotuna, Daniela Stoin, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2008	CEEX 5899/18.09.2006
34.	Management of the soil properties having in view the setting of the toxic potential of the heavy metals	Elena Tonea, Tanea Lorant, Daniela Stoin, Veronica Sărățeanu, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2008	CEEX 5899/18.09.2006
35.	Metals content evaluation of the environment – water factor in Timisoara	Monica Butnariu, Elena Tonea, Otilia Cotuna, Carmen Păinan	Tudományos mozaik, 5. Kotet, Elso resz, Tudomány határok nélkül, ISBN 978 – 963 – 06 – 3026 – 90 , 2008	2008	CEEX 5899/18.09.2006
36.	Metals content evaluation of the environment – water factor in Timisoara	Monica Butnariu, Elena Tonea, Otilia Cotuna, Carmen Păinan	Tudományos mozaik, 5. Kotet, Elso resz, Tudomány határok nélkül, ISBN 978 – 963 – 06 – 3026 – 90 , 2008	2008	CEEX 5899/18.09.2006
37.	Stagnated water quality monitoring for the sustainable development of that resources	Monica Butnariu, Daniela Stoin, Cornelia Cheț, Otilia Cotuna, Carmen Păinan	44 – th Croatian & 4th International Symposium on Agriculture, 16 – 20 February, Opatija, Croatia, 2009	2009	HURO/0801/038
38.	European rural development policy implications on Romania	Elena Tonea, Monica Butnariu	44 – th Croatian & 4th International Symposium on Agriculture, 16 – 20 February, Opatija, Croatia, 2009	2009	HURO/0801/038
39.	Principles and methods of the plants diagnosis for the optimisation of mineral nutrition	Giuchici Camelia, Cotuna Cotuna, Veronica Sărățeanu, Călin Jianu, Monica Butnariu	International Conference on Energy Efficiency and Agricultural Engineering (EEAE 2009), 1 – 3 October 2009, Rousse (Bulgaria), ISSN 1311 – 9974,	2009	HURO/0801/038
40.	Availability of some nutrients from soil to plants depending by season	Giuchici Camelia, Cotuna Otilia, Sărățeanu Veronica, Tanea Elena,	International Conference on Energy Efficiency and Agricultural Engineering (EEAE 2009), 1 – 3 October 2009, Rousse (Bulgaria), ISSN 1311 – 9974,	2009	HURO/0801/038



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		Monica Butnariu			
41.	Bioactive saponins from herba <i>Eryngii</i> plani, the aerial part of <i>Eryngium planum</i> L., Apiaceae family	Monica Butnariu, Sărățeanu Veronica, Cotuna Otilia, Giuchici Camelia, Stoin Daniela	International Conference on Energy Efficiency and Agricultural Engineering (EEAE 2009), 1 – 3 October 2009, Rousse (Bulgaria), ISSN 1311 – 9974,	2009	HURO/0801/038
42.	Provision of the quality and management in the pollutants analysis laboratories	Elena Tonea, Călin Jianu, Camelia Giuchici, Otilia Cotuna, Angelica Enkelhardt, Veronica Sărățeanu, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
43.	The quality of the surface waters from the area of Timișoara town, Timis county	Iuliana Romali, Iacob Borza, Adrian Băneș, Angelica Enkelhardt, Veronica Sărățeanu, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
44.	Investigation and evaluation of the rain water pollution in the town Timișoara, Timis county	Iuliana Romali, Iacob Borza, Adrian Băneș, Angelica Enkelhardt, Veronica Sărățeanu, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
45.	Extraction and characterisation of the anthocyanins from flowers of <i>Malva sylvestris</i> l. Species	Monica Butnariu, Veronica Sărățeanu, Otilia Cotuna, Camelia Giuchici, Daniela Stoin, Elena Tonea	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
46.	Determination of the content of metals from the soil having in view the protection of plants	Camelia Giuchici, Veronica Sărățeanu, Elena Tonea, Daniela Stoin, Otilia Cotuna, Angelica Enkelhardt, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
47.	Heavy metals monitoring with the purpose of prevention of the disturbance in plants nutrition	Camelia Giuchici, Veronica Sărățeanu, Elena Tonea, Daniela Stoin, Otilia Cotuna, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
48.	Researches regarding the impact of pollution with cadmium on the quality of vegetal products	Otilia Cotuna, Camelia Giuchici, Elena Tonea, Veronica Sărățeanu, Călin Jianu, Monica Butnariu	The 15 – th Symposium on Analytical and Environmental Problems, Szeged, 22 September 2008, WORD – 2008 ,	2009	HURO/0801/038
49.	Some Characteristics of Rural Financial Markets	Cosmin Maris, Elena Tonea, Claudia Sârbulescu, Iulia Ioana Merce, Monica Butnariu,	Magyar Tudomány Unnepe keretében szervezett konferenciájára, melynek címe Tudomány-területek találkozása, 2009. november 19. ISEBN 978 – 963 – 8816 – 1 – 4 www.tpfk.hu/n1/letoltesek/.../tudunnepe_meghivo_program_2009.pdf	2009	HURO/0801/038
50.	The Importance of Accounting for Farm Competitiveness	Cosmin Maris, Elena Tonea, Monica Butnariu	Magyar Tudomány Unnepe keretében szervezett konferenciájára, melynek címe Tudomány-területek találkozása, 2009. november 19. ISEBN 978 – 963 – 8816 – 1 – 4 www.tpfk.hu/n1/letoltesek/.../tudunnepe_meghivo_program_2009.pdf	2009	HURO/0801/038
51.	The Importance of Financial Services for Rural Communities	Cosmin Maris, Andrea Zakar, Elena Tonea, Iulia Ioana Merce, Monica Butnariu Silvia Vlad,	Magyar Tudomány Unnepe keretében szervezett konferenciájára, melynek címe Tudomány-területek találkozása, 2009. november 19. ISEBN 978 – 963 – 8816 – 1 – 4 www.tpfk.hu/n1/letoltesek/.../tudunnepe_meghivo_program_2009.pdf	2009	HURO/0801/038

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