

INFORMAȚII PERSONALE

VOȘGAN ZORICA MARCELA

📍 Maramureș, România

☎ 0262298829

✉ zori_v13@yahoo.com

Sexul F | Data nașterii 13/02/1985 | Naționalitatea Română

EXPERIENȚA PROFESIONALĂ

2016-actual

Șef lucrări

Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe, str.Victoriei, nr.76, cod 430122, Baia Mare, România, <http://www.utcluj.ro/>, <http://stiinte.utcluj.ro/>

- Activitate didactică pe disciplinele: Microbiologie generală (curs și laborator), Microbiologie specială (curs și laborator), Microbiologie aplicată (curs și laborator), Igiena societăților din industria alimentară (curs și laborator), Ecologie și protecția mediului (laborator), Chimie generală (Curs și lucrări practice).

- Activitate de cercetare

Învățământ superior

2014-2016

Asistent universitar

Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe, str.Victoriei, nr.76, cod 430122, Baia Mare, România, <http://www.utcluj.ro/>, <http://stiinte.utcluj.ro/>

- Activitate didactică pe disciplinele: Igiena societăților agroalimentare, Inocuitatea produselor alimentare, Microbiologie generală, Microbiologia produselor alimentare, Controlul microbiologic al produselor alimentare, Microbiologia mediului, Ecologie și protecția mediului, Chimie generală (laborator și seminar)

- Activitate de cercetare

Învățământ superior

2009-2014

Preparator universitar

Universitatea de Nord din Baia Mare, Facultatea de Științe, str.Victoriei, nr.76, cod 430122, Baia Mare/România
Universitatea Tehnică din Cluj Napoca, Centrul Universitar Nord din Baia Mare, Facultatea de Științe, str.Victoriei, nr.76, cod 430122, Baia Mare, România, <http://www.utcluj.ro/>, <http://stiinte.utcluj.ro/>

- Activitate didactică pe disciplinele: Igiena societăților agroalimentare, Microbiologie generală, Microbiologia produselor alimentare, Controlul microbiologic al produselor alimentare, Microbiologia mediului, Ecologie și protecția mediului, Chimie generală (laborator și seminar)

- Activitate de cercetare

Învățământ superior

06-12.03.2020	Certificat de absolvire – dezvoltator de elearning S.C. ELEARNING&SOFTWARE, Arad
06.2012-09.2013	Certificat de formare continuă-Dezvoltarea carierei didactice universitare Universitatea Tehnică din Cluj Napoca ▪ Activități de formare și dezvoltare profesională continuă
01.10.2010-02.10.2013	Diploma de doctor Universitatea de Științe Agricole și Medicină Veterinară din Cluj Napoca ▪ Doctor în Agronomie, Specializarea: Microbiologie
01.10.2008-15.07.2010	Diploma de master Universitatea de Nord din Baia Mare ▪ Metode de analiză utilizate în controlul calității mediului și produselor
10.2004-06.2008	Diploma de licență Universitatea de Nord din Baia Mare ▪ Licențiat în Biologie-Chimie

COMPETENTE PERSONALE

Limba(i) maternă(e) Scrieți limba maternă / limbile materne

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Limba franceză	B1	B1	A1	A1	B1
Limba engleză	B1	B1	B1	B1	B1

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe de comunicare ▪ bune competențe de comunicare

Competențe dobândite la locul de muncă
Competențe organizaționale/manageriale
▪ abilități practice în laborator dobândite în timpul activităților didactice și de cercetare
▪ atenție deosebită la detalii
▪ competențe anteprenoriale dobândite în cadrul proiectului PECAFROM- Promovarea egalității de șanse în cariera universitară și academică pentru femeile din România.

Competențe informatice
▪ o bună cunoaștere a instrumentelor Microsoft Office™, navigare, internet, cunoștințe de bază în realizarea de web-site-uri, dobândite în urma absolvirii cursului de „Operator calculator în cadrul Centrului de Pregătire Profesională “PERLAROM TRADING” Oradea, precum și în timpul cursului de calificare „Operator Introducere, Validare și Prelucrare Date, organizat în cadrul proiectului PECAFROM- Promovarea egalității de șanse în cariera universitară și academică pentru femeile din România.

Alte competențe
▪ certificat de participare la 10th International Symposion and Summer School on Bioanalysis în cadrul CEEPUS CII-HU-0010-04-0910
▪ diplomă de participare la programul de perfecționare: Formator în cadrul proiectului PECAFROM- Promovarea egalității de șanse în cariera universitară și academică pentru femeile din România.
▪ „Profesor Bologna” desemnat de către Alianța Națională a Organizațiilor Studențești din România.

INFORMATII SUPLIMENTARE

Publicații Cărți

1. **Thomas DIPPONG, Cristina MIHALI, Zorica VOȘGAN**, Analiza senzorială a produselor alimentare, Editura Risoprint, Cluj Napoca, 2014.
2. **Anca Dumuța, Zorica Vosgan**, Analiza (senzorială, fizico-chimică, microbiologică) și controlul calității în industria laptelui și produselor lactate. Ghid practic, Ed. U.T. Press, Cluj Napoca, 2015, ISBN 978-606-737-086-7

• Articole ISI

1. **Vosgan Zorica, Dumuța Anca, Mihali Cristina, Dippong Thomas, Mihalescu Lucia, Marian Monica, Mihalescu Beatrice**, The influence of different forms of black cumin (*Nigella sativa* L.) on the characteristics of sheep's curd cheese, *Frontiers in Sustainable Food Systems*, 8, 2024, <https://www.frontiersin.org/journals/sustainable-food-systems/articles/10.3389/fsufs.2024.1413008>, DOI=10.3389/fsufs.2024.1413008, ISSN=2571-581X
2. **Marian Monica Liliana, Nasui Daniel, Ghise Ciprian Radu, Popovici Flavia, Sabo Cosmin, Mare Rosca Oana, Mihalescu Lucia, Vasilescu Bogdan, Vosgan Zorica**, Using machine learning algorithms for natural habitats assessment, *Carpathian Journal of Earth and Environmental Sciences* February 2024, Vol. 19, No. 1, p. 103 – 113; DOI:10.26471/cjees/2024/019/282.
3. **Anca Dumuța, Zorica Vosgan, Cristina Mihali, Liviu Giurgiulescu, Melinda Kovacs, Radu Sugar, Lucia Mihalescu**, The influence of unconventional ultrasonic pasteurization on the characteristics of curds obtained from goat milk with the low cholesterol content, *Ultrasonics Sonochemistry*, 2022, 89
4. **Zorica Vosgan, T Dippong, MA Hoaghia, C Mihali, L Mihalescu**, Pedological characterization of soils in Gutai Mountains near a mining area, Romania, *Environmental Earth Sciences*, 2021, 80:4(1-14)
5. **Thomas Dippong, Cristina Mihali, Zorica Vosgan, Andrada Daniel, Anca Dumuța**, Thermal behavior of different cocoa powder varieties and their physicochemical, phytochemical and microbiological characteristics, *Journal of Thermal Analysis and Calorimetry* (2021)143(6): 4217-4228
6. **Zorica VOȘGAN, Cristina MIHALI, Monica MARIAN, Anca DUMUȚA, Flavia POP, Lucia MIHALESCU**, Evaluation of the Microbial Quality and Total Phenolic Content of a Local Smoked Cheese, *Bulletin UASVM Food Science and Technology* 77(1)/2020 ISSN-L 2344-2344; Print ISSN 2344-2344; Electronic ISSN 2344-5300.
7. **Thomas Dippong, Cristina Mihali, Zorica Vosgan, Alexandra Avram, Zoita Berinde, Anca Dumuța**, Comparative Analysis Regarding the Chemical and Microbiological Characteristics of Some Red Wine Assortments Produced in Two Romanian Viticultural Areas, *REV.CHIM.(Bucharest)* 71 (1), 411-415, 2020.
8. **Dumuța, Anca, Mihali, Cristina, Berinde Zoita, Vosgan, Zorica** Mihalescu Lucia, Noghi Andreea, Milk Cholesterol Reduction at Pilot Station Level Using Beta-Cyclodextrin *Bulletin UASVM Food Science and Technology* 77(2)/2020 ISSN-L 2344-2344; Print ISSN 2344-2344; Electronic ISSN 2344-5300.
9. **Flavia Pop, Daniel Nasui, Zorica Vosgan, Cristina Mihali, Claudia Butean**, CHEMICAL STABILIZATION OF FATS RICH IN LONG CHAIN POLYUNSATURATED FATTY ACIDS BY ANTIOXIDANTS ADDITION, *STUDIA UBB CHEMIA*, LXIV, 1, 2019 (p. 173-184)
10. **Anca DUMUȚA, Zorica VOȘGAN, Flavia POP, Thomas DIPPONG, Lucia MIHALESCU, Cristina MIHALI, Anamaria Fat**, Study considering the microwave pasteurization of the raw milk used for yogurt production, *Romanian Biotechnological Letters*, 2018.
11. **Anca Mihaly Cozmuta, Leonard Mihaly Cozmuta, Anca Peter, Camelia Nicula, Zorica Vosgan, Liviu Giurgiulescu, Adriana Vulpoi, Monica Baia**, Effect of monochromatic Far-Red light on physical-nutritional-microbiological attributes of red tomatoes during storage, *Scientia Horticulturae*, 211/2016, 220-230. (FI=1.538)
12. **Flavia POP, Liviu GIURGIULESCU, Anca DUMUȚA, Zorica VOȘGAN**, The Influence of Frozen Storage on Fatty Acids Composition for Alimentary Animal Fats, *Studia UBB Chemia*, 58 (3), 2013 (p. 31-38).
13. **Flavia POP, Liviu GIURGIULESCU, Anca DUMUȚA, Zorica VOȘGAN**, Assessment of Lipolytic and Oxidative Changes in Fish Oil Stored under Refrigeration and Freezing, *Revista de Chimie, București*, 64 (11), 2013 (p. 1372-1376).
14. **Anca DUMUȚA, Liviu GIURGIULESCU, Leonard MIHALY-COZMUTA, Zorica VOȘGAN**, Physical and Chemical Characteristics of Milk. Variation due to Microwave Radiation, *Croat. Chem. Acta* 84 (3), 2011 429-433, ISSN 0011-1643, e-ISSN 1334-417X.

• Articole B+/BDI

1. **Zorica VOȘGAN, Anca Dumuța, Maria Grigor, Beatrice Mihalescu, Flavia Pop, Lucia Mihalescu**, The antimicrobial capacity of the fruits powders added to fortify the spreadable cream cheese, *Journal of Agroalimentary Processes and Technologies* 2024, 30 (4), 366-373.
2. **MIHALESCU Lucia, Zorica VOȘGAN, Beatrice MIHALESCU, Aurel MAXIM, Flavia POP, Andreea Daniela COZMA**, Studies on the Control of Brown Rust (*Puccinia recondita*) in *Triticum Aestivum*, *ProEnvironment* 17/58 (2024) 90 – 98.
3. **Beatrice Mihalescu, Lucia Mihalescu, Zorica Vosgan, Aurel Maxim, Anca Dumuța, Flavia Pop**, Research on the influence of horseradish addition on the properties of cream cheese, *Journal of Agroalimentary Processes and Technologies* 2024, 30 (4), 391-398.
4. **Vosgan Zorica, Dumuța Anca, Mihalescu Lucia, Pop Flavia**, Bacterial contamination evaluation of some Red velvet cakes, *Journal of Agroalimentary Processes and Technologies* 2023, 29 (3), 209-212.
5. **Mihalescu Lucia, Monica Liliana Marian, Zorica Vosgan, Beatrice Mihalescu, Aurel Maxim, Oana Mare Rosca, Stela Jelea, Daniel Nasui**, Research on the Influence of Environmental Factors on the Intensity of Photosynthesis in the Aquatic Plant (*Egeria densa*), *ProEnvironment* 16/55, (2023), 153 – 161.
6. **Mihalescu Beatrice, Vosgan Zorica, Dumuța Anca, Pop Flavia, Mihalescu Lucia**, Obtaining and characterization of a new variety of buffalo brined cheese with mint, *Journal of Agroalimentary Processes and Technologies* 2023, 29 (3), 149-154.
7. **Pop Flavia, Vosgan Zorica, Finta Alexia**, Effect of fortification with vegetable purees on sensory and physicochemical properties of wheat flour pasta, *Journal of Agroalimentary Processes and Technologies* 2023, 29 (4), 269-274.
8. **Marian Monica Liliana, Mare-Rosca Oana Elena, Vasilescu Bogdan, Nasui Daniel, Mihalescu Lucia, Vosgan Zorica Marcela**, Incidence of invasive plant species in protected areas in North-Western Romania, *Analele Universității din Oradea, Fascicula Biologie*, Tom. XXX, Issue: 2, 2023, pp. 209-218.
9. **Dippong Thomas, Rosca Oana Mare, Nasca Ovidiu, Vosgan Zorica, Mihalescu Lucia, Mihali Cristina**, Physico-chemical characterisation of abiotic substrate and biodiversity in a Natura 2000 area in Sapanta perimeter *Scientific Bulletin Series D: Mining, Mineral Processing, Non-Ferrous Metallurgy, Geology & Environmental Engineering*, 2022, Vol. 36 Issue 1, p7-16. 10p.

10. **Oana Mare Rosca, Monica Marian, Alexandra Erica Puscas, Edită Agneta Pop, Claudia Marian, Daniel Nasui, Lucia Mihalescu, Zorica Vosgan**, USE OF BENTHIC MACROINVERTEBRATES AS BIOINDICATORS OF WATER QUALITY IN THE BREB VALLEY CATCHMENT (MARAMUREȘ COUNTY), Vol. 36, Iss. 1, (2022): 23-29.
11. **Zorica Vosgan, Anca Dumuța, Monica Marian, Lucia Mihalescu**, The effect of incorporating spirulina in Mozzarella cheese as a functional food, Journal of Agroalimentary Processes and Technologies 2021, 27(4-Supplement), 521-525
12. **Anca Dumuța, Zorica Vosgan, Cristina Mihali, Lucia Mihalescu, Alina Groșan**, The influence of the processing conditions on the Salty cheese with *Propionibacterium shermanii* addition, Journal of Agroalimentary Processes and Technologies 2021, 27(4-Supplement), 526-529
13. **Monica Marian, Thomas Dippong, OANA ROSCA, Marcel Tîbîrnac, Sebastian Katona Payer, Cristina Mihali, ZORICA VOȘGAN, Daiana Drule, Alexandra Avram**, PHYSICO-CHEMICAL AND ECOLOGICAL CHARACTERIZATION OF THE WATERS IN THE WETLANDS OF THE SARASĂU AREA LOCATED IN THE ROSCI AND ROSPA PROTECTED AREA. Scientific Bulletin Series D: Mining, Mineral Processing, Non-Ferrous Metallurgy, Geology & Environmental Engineering, 34(2), 2020.
14. **Flavia Pop, Lucia Mihalescu, Zorica Vosgan**, Physico-chemical properties of wheat flour varieties and sensory evaluation of the obtained bread, Journal of Agroalimentary Processes and Technologies 2020, 26(2), 102-107
15. **VOȘGAN ZORICA, DUMUȚA ANCA, JELEA MARIAN, MIHALESCU LUCIA**, Study of the microbiological contamination of the air from the family medical office, Scientific Bulletin Series D: Mining, Mineral Processing, Non-Ferrous Metallurgy, Geology & Environmental Engineering . 2019, Vol. 33 Issue 1, p63-74. 12p.
16. **VOȘGAN Zorica, JELEA Stela, MARIAN Monica, MARE ROSCA Oana, MIHALESCU Lucia**, Assessment of Biomass Production on Pastoral Meadows in the Gutai Mountains. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture . 2019, Vol. 76 Issue 2, p109-110. 2p.
17. **Lucia MIHALESCU, Oana MARE ROSCA, Anca DUMUȚA, Mirela CORDEA, Zorica VOȘGAN**, Study of the Influence of Lead Microelement on the Process of Water Accumulation in (*Phaseolus vulgaris*) Plants. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture . 2019, Vol. 76 Issue 2, p107-108. 2p.
18. **Stela Gabriela JELEA, Marian JELEA, Lucia MIHALESCU, Zorica VOȘGAN, Oana Corina JELEA**, Monitoring Food Additives and Nutritional Composition of Labels of Food Bases, Bulletin UASVM series Agriculture 76(1) / 2019 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI:10.15835/buasvmcn-agr: 2018.0007.
19. **Zorica VOȘGAN, Lucia MIHALESCU, Stela JELEA, Anca DUMUȚA, Flavia POP**, The Hygienic Quality of Raw Romanian Goat Milk Depending on the Milking Season, Bulletin USAMV series Agriculture 75(1)/2018, p. 50-53.
20. **Zorica VOȘGAN, Lucia MIHALESCU, Roxana VIDICAN, Monica MARIAN, Stela JELEA, Oana MARE ROȘCA**, Monitoring the Vegetation Communities on the Southern Slope of the Gutai Mountains on the Basis of Ecological Indices. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Agriculture, 75 (1)2018, p. 54-55. **Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN, Stela JELEA, Oana MARE ROȘCA, Flavia POP, Aurel MAXIM, Mirela CORDEA**, Studies Regarding the Combat of the Braches Burns Produced by the Phomopsis Vaccinii at Blueberry Bushes Cultivated in Maramures County, Bulletin USAMV series Agriculture 75(2)/2018, p. 87-92.
21. **Lucia MIHALESCU, Zorica VOȘGAN, Flavia POP, Anca DUMUȚA, Aurel MAXIM**, Monitoring the Edible Chestnut Bark Cancer (*Cryphonectria Parasitica*) and its Prevention and Combat Measures in the Pedoclimatic Conditions of the Baia Mare Basin, Bulletin USAMV series Agriculture 75(2)/2018, p. 117-118.
22. **Monica Marian, Oana Mare Roșca, Lucia Mihalescu Zorica Vosgan, Anamaria Lazar**, Antifungal effect of spice extracts- possible solutions for biological preservation of food, Food and Environment Safety - Journal of Faculty of Food Engineering, Ștefan cel Mare University - Suceava Vol. 17, Issue 2 - 2018, pag. 103 – 112.
23. **Giurgulescu Liviu, Dumuța Anca, Vosgan Zorica, Mihali Cristina, Mihalescu Lucia, Dunca Paula**, Comparative study on milk cold pasteurization using hydrogenperoxide, Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series) Vol. XLVII 2017
24. **Dippong Thomas, Berinde Zoița, Mihali Cristina, Dumuța Anca, Vosgan, Zorica**, Comparative statistical analysis on two types of acetylsalicylic acid tablets, Creat. Math. Inform, 27(2)2018, p. 141-150.
25. **Zorica VOȘGAN, Lucia MIHALESCU, Marian JELEA, Monica MARIAN, Anca DUMUȚA, Flavia POP, Oana MARE ROȘCA, Cristian Felix BLIDAR**, The incidence of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) in raw goat milk collected during different season, Analele Universității din Oradea, Fascicula Biologie, Short Communication, Tom. XXIV, Issue: 2, 2017, pp. 66-69
26. **Lucia MIHALESCU, Zorica VOȘGAN, Flavia POP, Monica MARIAN, Stela JELEA, Oana MARE ROȘCA, Anca DUMUȚA, Cristian Felix BLIDAR, Aurel MAXIM**, Research on combating alternariosis (*Alternaria porri* (Ellis) Cif.) in tomatoes under the climatic conditions of Salsig Village, Maramures County, Romania, Analele Universității din Oradea, Fascicula Biologie Short Communication, Tom. XXIV, Issue: 2, 2017, pp. 70-73
27. **Monica Marian, Zorica Vosgan, Oana Mare Roșca and Lucia Mihalescu**, Allelopathy relationship between plants and their use in organic farming, Materials Science and Engineering 200(2017), pp. 1-12, 012039 doi:10.1088/1757-899X/200/1/012039.
28. **Flavia POP, Zorica VOȘGAN, Lucia MIHALESCU**, Supplementation of wheat flour with soy flour, sensory and physico-chemical evaluation of fortified biscuits, Journal of Faculty of Food Engineering, Ștefan cel Mare University of Suceava, Romania Volume XVI, Issue 4 - 2017, pag. 250 – 255
29. **Stela-Gabriela JELEA, Oana-Corina JELEA, Lucia MIHALESCU, Zorica VOȘGAN**, The Influence of Copper Sulphate on Growth, Morphology and on Anatomy of Vegetative Organs of Triticum Aestivum L, Bulletin USAMV series Agriculture 74(2)/2017, Print ISSN 1843-5246; Electronic ISSN 1843-5386, 140-141

30. Oana Mare-Roșca, Roxana Pop, Monica Marian, Lucia Mihailescu, Zorica Vosgan, Ileana Glodean Water quality assessment of the Usturoi Valley assisted by the macrozoobenthic bioindicators, Scientific Bulletin Series D: Mining, Mineral Processing, Non-Ferrous Metallurgy, Geology & Environmental Engineering . 2017, Vol. 31 Issue 1, p83-88.
31. Zorica Vosgan, Anca Dumuța, Cristina Mihali, Lucia Mihailescu, Thomas Dippong, Alina Moldovan, The Influence of the Fruits Addition on the Quality Characteristics of Yogurt, Scientific Papers: Animal Science and Biotechnologies, 2016, 49 (2): 86-90.
32. Anca Dumuța, Zorica Vosgan, Jelea Marian, Flavia Pop, Thomas Dippong, Lucia Mihailescu, Cristina Mihali, Microbiological Aspects Considering the Production of Nutraceutical Curd Containing Onion, Scientific Papers: Animal Science and Biotechnologies, 2016, 49 (2): 40-45.
33. Oana Mare Rosca, Monica Marian, Lucia Mihailescu, Zorica Vosgan, Ileana Glodean, Composition and geographical spread of herpetofauna in the Maramures Mountains Natural Park. Mining, Mineral Processing, Non Ferrous Metallurgy, Geology and Environmental Engineering, 30, 1/2016, p. 49-55.
34. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHAILESCU, Monica MARIAN, Stela JELEA, Oana MARE ROȘCA, Anca DUMUȚA, Cariologic Study of the Plant Species on the South-Western Gutai Mountains Pasture, Bulletin UASVM series Agriculture 73(2):337-340/2016 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 12418 Lucia MIHAILESCU, Zorica VOȘGAN, Oana MARE ROȘCA, Monica MARIAN, Stela JELEA, Flavia POP, Anca DUMUȚA, Aurel MAXIM, Mirela CORDEA, Measures to Prevent and Combat Pear Scab (*Venturia pirina*) in the Climate Conditions of Lapusel, Bulletin UASVM series Agriculture 73(2):271-274/2016 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 12414
35. Stela Gabriela JELEA, Marian JELEA, Zorica VOȘGAN, Lucia MIHAILESCU, Oana Corina JELEA, Copper Toxicity on *Triticum aestivum* L. and *Lactuca sativa* L: Effects on Germination and Growth, Bulletin UASVM series Agriculture 73(2): 253-261/2016 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 12413
36. Zorica Vosgan, Marian Jelea, Anca DumuȚa, Flavia Pop, Fungal diversity in goat milk obtained by manual milking, Journal of Agroalimentary Processes and Technologies 2015, 21(3), 247-251, ISSN: 2069-0053 (print) (former ISSN: 1453-1399), Agroprint; ISSN (online): 2068-9551
37. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHAILESCU, Monica MARIAN, Stela JELEA, Anca DUMUȚA, Oana MARE ROSCA, Susana SFECHIȘ, Influence of Agronomic Practices on Grassland of *Agrostis capillaris* L. *Festuca rubra* L. from „Dealul Crucii” Meadow, Bulletin USAMV series Agriculture 72(2)/2015, p. 582-586, Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 11392
38. Susana SFECHIS, Roxana VIDICAN, V STOIAN, Valentina SANDOR, Zorica VOȘGAN, Assessing soybean production yield with chemical fertilization and zeolite in two experimental years, Research Journal of Agricultural Science, 47(1)/2015, p 204-210.
39. Lucia MIHAILESCU, Zorica VOȘGAN, Oana MARE ROȘCA, Monica MARIAN, Stela JELEA, Anca DUMUȚA, Aurel MAXIM, Mirela CORDEA, Melania OLTEAN, Testing Some Fungicides for the Combat of Potato Mildew in the Pedoclimatic Conditions in Seini Town, Bulletin USAMV series Agriculture 72(2)/2015, p. 428-432 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 11389.
40. Beatrice Agneta SZILAGYI, Dumitru ZAHARIA, Silvana Mihaela DĂNĂILĂ-GUIDEA, Oana MARE-ROȘCA, Monica MARIAN, Lucia MIHAILESCU, Zorica VOȘGAN, Ileana GLODEAN, The landscape of parks in the Municipality of Baia Mare from an aesthetic-urban perspective, Scientific Papers. Series B, Horticulture, 59:409-418, 2015 Print ISSN 2285-5653, CD-ROM ISSN 2285-5661, Online ISSN 2286-1580, ISSN-L 2285-5653.
41. Thomas Dippong, Barbara Gati, Zorica Vosgan, Cristina Mihali, COMPARATIVE ANALYSIS OF PHYSICO-CHEMICAL, MICROBIOLOGICAL AND SENSORY CHARACTERISTICS OF SOME MILK POWDER INFANT FORMULAS. Scientific Bulletin Series D: Mining, Mineral Processing, Non-Ferrous Metallurgy, Geology & Environmental Engineering 2015, Vol. 29 Issue 1, p77-87
42. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHAILESCU, Oana MARE ROȘCA, Monica MARIAN, Beatrice SZILAGYI, The Effect of Grazing on the Production of Grasslands in Hilly Areas, Bulletin USAMV series Agriculture 71(2)/2014, p. 369-372
43. Flavia, POP, Zorica Vosgan, Delia, Boltea, Effects of temperature and storage time on the quality of alimentary animal fats, International Food Research Journal 21(4): 1507-1514, 2014.
44. Lucia MIHAILESCU Oana MARE ROȘCA, Zorica VOȘGAN, Monica MARIAN, Aurel MAXIM, Mirela CORDEA, Beatrice SZILAGYI, Study of the Effect of Gibberellins on some Physiologic Processes of Corn Plants (*Zea Mays*), Bulletin USAMV series Agriculture 71(2)/2014, Print ISSN 1843-5246; Electronic ISSN 1843-5386X, p. 251-255.
45. Pop Flavia, Vosgan Zorica, Changes in the quality of alimentary animal fats due to storage conditions, *Journal of Agroalimentary Processes and Technologies* 2013, 19(1), p. 37-42, ISSN (print): 2069-0053, ISSN (online): 2068-9551.
46. Lucia MIHAILESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Monica MARIAN, Aurel MAXIM, Mirela CORDEA, Chemical Control of Scab (*Venturia inaequalis*) in the Seini Fruit Basin, Bulletin UASVM serie Agriculture 70(1)/2013, p.75-79 Print ISSN 1843-5246; Electronic ISSN 1843-5386.
47. Oana MARE ROȘCA, Lucia MIHAILESCU, Zorica VOȘGAN, Monica MARIAN, Measures for Improving the Quality of Watercourses in the Impact Area of the Baia Mare Industrial Perimeter, Bulletin UASVM serie Agriculture 70(1)/2013, p.403-407 Print ISSN 1843-5246; Electronic ISSN 1843-5386.
48. Zorica VOȘGAN, Roxana VIDICAN, Anca DUMUȚA, Preliminary Study Regarding the Quality Status of Soil Resources in a Rural Environment, *ProEnvironment* 5(11) /2012, p.149-152, pISSN: 1844 – 6698; eISSN: 2066 – 1363.
49. Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHAILESCU, Oana MARE ROSCA, Anca DUMUȚA, Research Regarding Vegetal Associations Specific To Mountain Meadow, *Bulletin UASVM Agriculture*, 69(1)/2012, p. 201-206, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
50. Zorica VOȘGAN, Monica MARIAN, Anca PETER, Camelia NICULA, Anca MIHALY-COZMUTA, Leonard MIHALY-COZMUTA, The qualitative and quantitative microbiota structure identified in the Bozanta Mare tailing pond, *Studia Universitatis “Vasile Goldiș”, Seria Științele Vieții*, 22(1), 2012, p. 137-141. ISSN: 1584-2363; e-ISSN: 1842-7863.
51. Oana MARE ROȘCA, Lucia MIHAILESCU, Zorica VOȘGAN, Monica MARIAN, Anca DUMUȚA, Aurel MAXIM, Longitudinal distribution of Ephemeroptera communities for the Săsar river and its major tributaries in Bulletin UASVM Agriculture, 69(2) (2012): 92-97, Print ISSN 1843-5246; Electronic ISSN 1843-5386.

52. Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Zorica VOSGAN, Anca DUMUTA, Mirela CORDEA, Aurel MAXIM, Influence of lead and cadmium on some physiologic indices of *Allium cepa*, în *Bulletin UASVM Agriculture*, 69(1) (2012):. 195-200, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
53. Anca Dumuța, Zorica Vosgan, Lucia Mihalescu, Oana Roșca, Florin Boltea, Study concerning the influence of microwave treatment on raw milk freezing point, *Journal of Agroalimentary Processes and Technologies*, 2012, 18(3), p. 191-194, ISSN (online): 2068-9551.
54. Anca Dumuța, Zorica Vosgan, Lucia Mihalescu, Oana Roșca, Florin Boltea, Microwave effects on milk investigated by the bacterioscopic analysis, *Journal of Agroalimentary Processes and Technologies*, 2012, 18(2), p. 155-160, ISSN (online): 2068-9551.
55. Stela-Gabriela JELEA , Marian JELEA , Radu HOTEA , Zorica VOSGAN, Assessment of the evolution of anthropometric indicators in students with sports program, *Studia Universitatis "Vasile Goldiș", Seria Științele Vieții*, 22(3), 2012, p. 403-409.
56. Zorica VOSGAN, Roxana VIDICAN , Stela JELEA, Monica MARIAN, Lucia MIHALESCU, Oana MARE ROSCA, Characterization of a Typical Districambosol Soil from the Gutai Mountains – North of Romania, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 384-387, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
57. Lucia MIHALESCU, Oana MARE ROSCA, Monica MARIAN, Zorica VOSGAN, Aurel MAXIM, Mirela CORDEA, Influence of Iron on Respiration in Corn (*Zea Mays*) Seedlings, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 212-215, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
58. Oana MARE ROSCA, Lucia MIHALESCU, Aurel MAXIM, Zorica VOSGAN, Monica MARIAN, Distribution of Water Quality in the Sasar River Basin According to the EPT (*Ephemeroptera*, *Plecoptera*, *Trichoptera*) Zoobenthos Bioindicators, *Bulletin UASVM Agriculture*, 68(2)/2011, p. 76-81, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
59. Monica MARIAN, Anca PETER, Lucia MIHALESCU, Zorica VOSGAN, Georgeta MATEI, Allelopathic potential of *Asarum europaeum* toward *Lycopersicon esculentum*, *Analele Universității din Oradea - Fascicula Biologie, Tom. XVIII, Issue: 1, 2011*, p. 39-44, Print-ISSN: 1224-5119, e-ISSN: 1844-7589, CD-ISSN: 1842-6433.
60. Gabriela OPREA, Cristina MIHALI, Angela MICHNEA, Marin SENILA, Ionel GOGOASA and Zorica VOSGAN, Assessment of Lead and Cadmium Content in the Soils and Plants in Industrial Area, *American Journal of Environmental Sciences* 7 (5): 402-408, 2011, ISSN 1553-345X

Participari la conferințe

1. Monica Moldovan, Anca Dumuța, Cristina Mihali, Zorica Vosgan, Lucia Mihalescu, The influence of the valerian tincture addition on the functional butter production, INTERNATIONAL SCIENTIFIC SYMPOSIUM "Young Researchers and Scientific Research in Life Sciences for Bachelor, Master and Ph.D. Students", Section: Food Engineering, 16-17 November 2023
2. Vidican, R., Mălinaș, A., Ranta, O., Moldovan, C., Marian, O., Ghețe, Al., Ghișe, C.-R., Popovici, F., Marian, M.-L., Sabo, C., Oana Mare Roșca, Mihalescu, L., Vosgan, Z., Năsui, D., Cătunescu, G. Automatic Identification Of Land Use/ Land Cover Classes Based On Satellite Data: A Practical Assessment In Central And Northwestern Romania. 22nd International Conference "Life Sciences for Sustainable Development", Session 1: Agriculture, UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA, 28 - 30 September 2023, p. 156.
3. Marian, M.-L., Năsui, D., Sabo, C., Oana Mare Roșca, Mihalescu, L., Vosgan, Z. Biodiversity mapping through identification and validation for use in automatic algorithm recognition of vegetation in satellite images. Case study: Baia Mare Area. 22nd International Conference "Life Sciences for Sustainable Development", Session 1: Agriculture, UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA, 28 - 30 September 2023, p. 165.
4. Zorica Vosgan, Anca Dumuța, Monica Marian, Lucia Mihalescu, The effect of incorporating spirulina in Mozzarella cheese as a functional food, "Young people and multidisciplinary research in applied life science –online" din 25 Noiembrie 2021.
5. Anca Dumuța, Zorica Vosgan, Cristina Mihali, Lucia Mihalescu, Alina Groșan, The influence of the processing conditions on the Salty cheese with *Propionibacterium shermanii* addition, "Young people and multidisciplinary research in applied life science –online" din 25 Noiembrie 2021.
6. Zorica VOȘGAN, Anca DUMUȚA, Stela JELEA, Lucia MIHALESCU, Flavia POP, Incidence of *Escherichia coli* β - Glucuronidase Positive on Goat Milk, Bulletin UASVM series Agriculture 73(2):359-360/2016 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 12428
7. Lucia MIHALESCU, Zorica VOȘGAN, Oana MARE ROȘCA, Monica MARIAN, Stela JELEA, Flavia POP, Anca DUMUȚA, Aurel MAXIM, Mirela CORDEA, Study of the Influence of External Factors on the Germination of Bean Seeds, Bulletin UASVM series Agriculture 73(2):345-346/2016 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 12423
8. Zorica Vosgan, Anca Dumuța, Lucia Mihalescu, Oana Mare Rosca, Analiza statistică a parametrilor fizico-chimici din laptele de capră of 10th International Conference on Applied Mathematics, 2016, Baia Mare, Romania.
9. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Monica MARIAN, Stela JELEA, Oana MARE ROSCA, Anca DUMUȚA, Susana SFECHIȘ, Influence of the Grazing Conditions on the Floristic Diversity in the South Eastern part of the Gutai Mountains, the Maramures County, Bulletin USAMV series Agriculture 72(2)/2015, p. 610-611, Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 11390
10. Lucia MIHALESCU, Zorica VOȘGAN, Oana MARE ROȘCA, Monica MARIAN, Anca DUMUȚA, Aurel MAXIM, Mirela CORDEA, Study of Chlorophyll Pigments in Beans (*Phaseolus vulgaris*) in terms Of Heavy Metal Complexation with Various Forms of Sulfur, in Order to Reduce Their Toxicity, p. 591-592, Bulletin USAMV series Agriculture 72(2)/2015 Print ISSN 1843-5246; Electronic ISSN 1843-5386 DOI 10.15835/buasvmcn-agr: 11388
11. Szilagyi Beatrice Agneta, Marian Monica, Oana Mare Roșca, Mihalescu Lucia and Vosgan Zorica. The improvement of general use green spaces and lawns in the municipality of Baia mare according to european standards .The 13 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 25 September-27 September 2014, p. 281.
12. Szilagyi Beatrice Agneta, Oana Mare Roșca, Mihalescu Lucia, Vosgan Zorica, Marian Monica. Green spaces, factor of environmental conservation The 13 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 25 September-27 September 2014, p. 712.
13. Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Monica MARIAN, Aurel MAXIM, Mirela CORDEA, Beatrice SZILAGYI, Study of the Behavior of Black Currant Varieties and Elites against Diseases under the Climatic Conditions of Baia Mare, Bulletin USAMV series Agriculture 72(1)/2015, p. 295-296, Print ISSN 1843-5246; Electronic ISSN 1843-5386
14. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Beatrice SZILAGYI, Laura IGNAT, Roxana IGNAT, The Economic Importance of Plants that are Specific to a Mountain Pastures, Bulletin USAMV series Agriculture 71(2)/2014, Print ISSN 1843-5262; Electronic ISSN 1843-536X. p. 393-394.
15. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Anca DUMUȚA, Valuation of the grassland production of Șurdești village, Maramures County, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.
16. Zorica VOȘGAN, Roxana VIDICAN, Lucia MIHALESCU, Oana MARE ROȘCA, Monica MARIAN, Anca DUMUȚA, The influence of soil trophicity on the number of species in mountain meadow phytocoenosis, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.
17. Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Monica MARIAN, Mirela CORDEA, Aurel MAXIM, Survey of the variability of some morphologic human characters, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.
18. Oana MARE ROȘCA, Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN, Description of pollution sources from the slopes on the Săsar river Basin, The 12th International Symposium "PROSPECTS FOR 3rd MILLENNIUM AGRICULTURE", 26-28 September 2013, Cluj Napoca.
19. Oana MARE ROȘCA, Lucia MIHALESCU, Monica MARIAN, Zorica VOȘGAN, Analysis and interpretation of structure and diversity af some macrozoobenthic communities using mathematic indices, The 9th International Conference on Applied Mathematics, September 25-28, 2013, Baia Mare, Romania, p.84-85, ISBN 978-606-93094-8-3.
20. Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHALESCU, Oana MARE ROSCA, Anca DUMUȚA, Ecological Characterization (According to U,T,R) of *Festuco rubrae – Agrostietum capillaris* Horvat 1951 Association on the Pasture of Surdești Village, Maramures County, The 11th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, 27 September-29 September 2012.
21. Oana MARE ROȘCA, Lucia MIHALESCU, Zorica VOȘGAN, Monica MARIAN, Anca DUMUȚA, Aurel MAXIM, Characterization of Săsar and Firiza rivers quality on specific toxic pollutants regime (metals). The 11 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 27 September-29 September 2012.

22. **Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Anca DUMUTA, Mirela CORDEA, Aurel MAXIM**, Chemical control of grapevine main pathogens under the climate conditions of Baia Mare. The 11 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 27 September-29 September 2012
23. **Lucia MIHALESCU, Oana MARE ROȘCA, Zorica VOȘGAN, Anca DUMUTA, Mirela CORDEA, Aurel MAXIM**, Chemical control of grapevine main pathogens under the climate conditions of Baia Mare. The 11 th International Symposium PROSPECTS FOR THE 3th MILLENNIUM AGRICULTURE, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, 27 September-29 September 2012.
24. **Zorica VOȘGAN, Roxana VIDICAN, Monica MARIAN, Lucia MIHALESCU, Stela JELEA, Oana MARE ROSCA**, Researches Regarding the Vegetation of Surdesti Village, Maramures Country, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 436, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
25. **Lucia MIHALESCU, Oana MARE ROSCA, Monica MARIAN, Zorica VOȘGAN, Aurel MAXIM, Mirela CORDEA**, Influence of Lead on the Germination Process in *Zea Mays*, *Bulletin UASVM Agriculture*, 68(1)/2011, p. 419, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
26. **Oana MARE ROSCA, Lucia MIHALESCU, Aurel MAXIM, Zorica VOȘGAN, Monica MARIAN**, The Advantages of Using Biological Methods in Assessing of Flowing Water Quality Rivers, *Bulletin UASVM Agriculture*, 68(2)/2011, p. 163, Print ISSN 1843-5246; Electronic ISSN 1843-5386.
27. **Zorica VOȘGAN, Delia BOLTEA**, The reintroduction of the microflora biodiversity sterile waste dumps, 19th EVS Workshop „Flora, vegetation, environment and land-use at large scale” University of Pécs, Hungary, 29 April- 2 May 2010, p.66, ISBN 978-963-642-328-5.
28. **Lucia MIHALESCU, Zorica VOȘGAN, Oana MARE ROSCA, Oana Danci**, The ornamental, aromatic and edible vegetal species from Lapus region (Transylvania), 19th EVS Workshop „Flora, vegetation, environment and land-use at large scale” University of Pécs, Hungary, 29 April- 2 May 2010, p. 89, ISBN 978-963-642-328-5.
29. **Zorica VOȘGAN, Anca DUMUTA, Liviu GIURGIULESCU**, Aspects regarding the fungal microflora of some vegetal foodstuffs, 10th International Symposium and Summer School on Bioanalysis, Zagreb, Croatia, July 2010, p. 84.
30. **Anca DUMUTA, Liviu GIURGIULESCU, Zorica VOȘGAN**, The microwaves action against the pathogenes *Escherichia coli* and *Staphylococcus aureus* present in raw milk, 10th International Symposium and Summer School on Bioanalysis, Zagreb, Croatia, July 2010, p. 85.
31. **Cristina MIHALI, Gabriela OPREA, Angela MICHNEA, Marin ȘENILA, Ionel GOGOĂȘĂ, Claudia BUTEAN, Zorica VOȘGAN**, Correlation between Cadmium and Lead Content in the Soils and Plants in Baia Mare Area, 14th International Conference of Physical Chemistry, ROMPHYSICHEM, June 2-4, 2010, Bucharest, Romania.

Proiecte

Membru proiect intern UTCN-CUNBM teme strategice de cercetare pentru tip 1.2 tinere echipe 2015
„Cercetari asupra casului nutraceutic obtinut din laptele de bivolita tratat cu β ciclodextrina cuplata cu acid adipic pentru eliminarea colesterolului”, director proiect Dumuta Anca
<http://research.utcluj.ro/index.php/lansare-competitii-interne.html>
Membru proiect National GNaC2018 ARUT „Creșterea stabilității chimice a grăsimilor animale bogate în acizi nesaturați prin adaosul de antioxidanți” Director proiect Pop Flavia
<https://research.utcluj.ro/index.php/lansare-competitii.html>
Membru proiect "Gamification of cRowdcomputing to ENhanceEarTh Observation data Processing"(GREENTOP– Agro-Biodiversity), co-financed by the European Regional Development Fund trough Romania's Competitiveness Operational Program 2014-2020, Contract number 381/390057/01.10.2021, SMIS 121447, October 1, 2021 – December 30, 2023.
<https://greentop.space/>

20.06..2025
Baia Mare

Vosgan Zorica Marcela