

**L I S T A**  
**lucrărilor științifice publicate de membri Centrului de Cercetare CCBIA**  
**în reviste cotate ISI și Proceedings ISI**  
**2014-2019**

<b>Titlu articolului</b>	<b>Nume, prenume autor(i) articol</b>	<b>Revista ISI/ Proceedings ISI</b>	<b>Anul publicării</b>
Content of Phenolics, in vitro Antioxidant Activity and Cytoprotective Effects against Induced Haemolysis of Red Cabbage Extracts	Oancea Simona, Mila L., Ketney O.	Rom. Biotech. Lett. 24(1), 1-9	2019
Covalent Graft of Lipopeptides and Peptide Dendrimers to Cellulose Fibers	A. Orlandin, P. Dolcet, B. Biondi, G. Hilma, D. Coman, S. Oancea, F. Formaggio, C. Peggion	Coatings 9(10), 606	2019
ATR-FTIR versus Raman spectroscopy used for structural analyses of the iron oxide nanoparticles	Răcuci M., Oancea Simona	Rom. Rep. Phys. 71, 507	2019
DIFFERENCES OF THE PHYSICOCHEMICAL INDICATORS OF WILD ELDERFLOWER ( <i>Sambucus nigra</i> ) BEVERAGES ACCORDING TO THE USED TECHNOLOGY	Iancu Maria Lidia	Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2019, (), pp., ISSN 1582-540X, în curs de publicare	2019
The composition of bioactive compounds in wine and their possible influence on osteoporosis and on bone consolidation	Alexandru Bogdan Ciubara, Razvan Cosmin Tudor, Luiza Nechita, Ovidiu Tita, Anamaria Ciubara, Serban Turiuc, Gheorghe Raftu	Rev Chim (Bucharest), 68, 1248-1253, ISSN 0034-7752, FI - 1.412 în 2017, 2018. WOS:000434954100045	2018
Identification And Quantification Of Phenolic Compounds From Red Grape Pomace	Adina Frum, Cecilia Georgescu, Felicia G Gligor, Ecaterina Lengyel, Diana I Stegarus, Carmen M Dobrea, Ovidiu Tita,	Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry: Volumul 19, ISSN 1582-540X, pag. 45-52, WOS:000431353000005	2018
Comparative study on nutritional and bioactive composition of Pone-Yee-Gyi, Myanmar traditional food and its raw material, horse gram ( <i>Macrotyloma uniflorum</i> L.)	Zin Mar Linn, Drăghici O., Oancea Simona	Rom. Biotech. Lett. 23(6), 14087-14096	2018
Phenolics content, in vitro antioxidant and anticholinesterase activities of combined berry extracts	Oancea Simona, Călin F.	Rom. Biotech. Lett. 23(5), 14025-14034	2018
Conformational properties, membrane interaction, and antibacterial activity of the peptaibiotic chalciporin A: multi-technique spectroscopic and biophysical investigations on the natural compound and labeled analogs	B. Biondi, C. Peggion, M. De Zotti, C. Pignaffo, A. Dalzini, M., Oancea Simona, G. Hilma, A. Bortolotti, L. Stella, J.Z. Pedersen, V.N. Syryamina, Y.D. Tsvetkov, S.A. Dzuba, C. Toniolo, F. Formaggio	Biopolymers (Peptide Science), vol. 110 (5), 23083-23138	2018
Impact of 50 Hz magnetic field on the content of polyphenolic compounds from blackberries	Răcuci M., Oancea Simona	Bulg. Chem. Commun., vol. 50, issue 3, 393-397	2018
Kinetic studies on the oxidative stabilization effect of red onion skins anthocyanins extract on parsley ( <i>Petroselinum crispum</i> ) seed oil	O. Drăghici, M.-L. Păcală, Oancea Simona	Food Chemistry, 265, 337-343	2018
The use of the new apple hybrids fruits with red pulp in the food industry	Nikolay M. Solomatin, Elena Solomatina, Vladimir N. Sorokopudov, Olga A. Sorokopudova, Nina I. Myachikova, Cecilia Georgescu	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, 19(3), p.349-354, ISSN 1582-540X	2018
Identification and quantification of phenolic compounds from red grape pomace	Adina Frum, Cecilia Georgescu, Felicia G. Gligor, Ecaterina Lengyel, Diana I. Stegarus, Carmen M. Dobrea, Ovidiu Tita	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, 19(1), pp. 45 – 52, ISSN 1582-540X	2018

An overview of natural antimicrobials role in food	Aurelia Magdalena Pisoschi, Aneta Pop, Cecilia Georgescu, Violeta Turcuș, Neli Kinga Olah, Endre Mathe	European Journal of Medicinal Chemistry, 143, p.922-935, ISSN 0223-5234	2018
A simulationbasedanalysis of an multiobjectiveendiffusiveloadbalancingalgo rithm	Mironescu Ion Dan, Vintan Lucian	International Journal of Computers, Communications & Control	2018
COMPARATIVE ANALYSIS OF THE AROMATIC, SENSORY PROFILE OF THE ELDER FLOWER (Sambucus nigra) COMPOTE, AN INNOVATIVE PRODUCT, WITH BEVERAGES OF "ELDER FLOWER JUICE" TYPE	Iancu Maria Lidia	SCIENTIFIC STUDY AND RESEARCH-CHEMISTRY AND CHEMICAL ENGINEERING BIOTECHNOLOGY FOOD INDUSTRY, vol 19/3, p: 257-267, WOS:000444839800003	2018
The Need to keep Control of the Process related to the Reception of Wheat Processed in Romania and to highlight Potential Contaminants, as well as the Factors influencing its Quality,	Tulbure A., Danciu Cristina-Anca	Quality-Access to Success, vol. 19, nr. 162, 2018, ISSN 1582-2559, pp 140-145,	2018
The Need to keep the Flour Manufacturing Process under Control, the Determination of Potential Contaminants, as well as of the Factors influencing Product Quality	Danciu Cristina-Anca, Tulbure Anca	Quality-Access to Success, vol. 19, nr. 164, 2018, ISSN 1582-2559, pp 128-136,	2018
Quality parameters of dairy wastewater in the Mureș county, Romania,	Mihaela TITA , Roxana TUFANU , Ovidiu TIȚA , Dan MIRICESCU,	Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, SCSCC6, Volume XVIII, No. 2, iunie, ISSN 1582-540X, pp. 145 – 152, Indexing: Thomson ISI - Web OF Science, Chemical Abstracts, SCOPUS – Elsevier, WOS: 000406261500004,	2017
Between seeds of sweet basil and psyllium on the basis of proximate analysis,	Rehana KHALIQ, Ovidiu TITA, Camelia SAND SAVA	Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development, Vol. 17, Issue 3, ISSN 2284-7995, E-ISSN 2285-3952, p. 189-194, WOS:000419287400026	2017
Possible assessment of salt tolerance in ocimum basilicum by chlorophyll fluorescence,	Rehana KHALIQ , Ovidiu TITA , Zafar Ullah ZAFAR	Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development, Vol. 17, Issue 3, ISSN 2284-7995, E-ISSN 2285-3952, p.175-181, WOS:000419287400024/.	2017
Influence of chia powder in low fat stirred yogurt,	Roxana Tufeanu, Adriana Tița, Ovidiu Tița,	17th International Multidisciplinary Scientific GeoConference SGEM 2017, Bulgaria, Conference Proceedings, Vol. 17, p. 761-768, ISSN 1314-2704, section: Advances in biotechnology, 10.5593/sgem2017/61	2017
Low fat muffins enriched with pumpkin seeds powder.	Roxana Tufeanu, Stefan Oancea, Adriana Tița, Ovidiu Tița,	17th International Multidisciplinary Scientific GeoConference SGEM 2017, Bulgaria, Conference Proceedings, Vol. 17, p. 791-796, ISSN 1314-2704, section: Advances in biotechnology, 10.5593/sgem2017/61	2017
Recent aflatoxin survey data in milk and milk products: A review	Ketney O., Santini A., Oancea Simona	Int. J. Dairy Technol. 70(3), 320-331	2017
<i>Mahonia aquifolium</i> as a promising raw material for the food industry	Vladimir N. Sorokopudov, Nina I. Myachikova, Cecilia Georgescu	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry,17(4), p.349-354, ISSN 1582-540X	2017
A Task Scheduling Algorithm for HPC Applications using Colored Stochastic Petri Net Models	Mironescu Ion Dan, Vintan Lucian	Intelligent Computer Communication and Processing ICCP/ 2017 13th IEEE International Conference on Intelligent Computer Communication and Processing	2017

		(ICCP)	
Bioconversion of potatowastewatertoalcohol	Moza Maria Iasmina, Mironescu Monica	Environmental Engineering and Management Journal	2017
Measurement of pollution levels of N-nitroso compounds of health concern in water using ultra-performance liquid chromatography-tandem mass spectrometry	Kadmi, Y., Favier, L., Simion, AI., Rusu, L., Pacala, ML, Wolbert, D	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol. 108, pg. 7-17, ISSN 0957-5820, 10.1016/j.psep.2016.04.026,	2017
Red marc- phenolic profile and its health benefits,	Stegăruș D., Balteş M., Lengyel E, Tita O,	16-International Multidisciplinary Scientific Geoconference, SGEM 2016,Advances in Biotechnology,iunie-iulie, Albena, Bulgaria, ISBN 978-619-7105-68-1 / ISSN 1314-2704, p. 707-714, DOI: 10.5593/SGEM2016/B61/S25.093, WOS:000391648800093	2016
Identification and quantification of tannins and anthocyanins from plants with bioactive potentially,	Ciucure T., Sandru D., Lengyel E., Iancu R., Tita O,	16-International Multidisciplinary Scientific Geoconference, SGEM 2016,Advances in Biotechnology,iunie-iulie, Albena, Bulgaria, ISBN 978-619-7105-68-1 / ISSN 1314-2704, p. 575-581, DOI: 10.5593/SGEM2016/B61/S25.076, WOS:000391648800076	2016
Changes of total anthocyanin content and antioxidant activity in sweet cherries during frozen storage, and air-oven and infrared drying	Oancea Simona, Drăghici O., Ketney O.	Fruits 71(5), 281-288	2016
Evaluation of the antioxidant efficiency of berry extracts in sunflower oil	Oancea Simona, Drăghici O., Grosu C.	Oxid. Commun. Vol. 39, No. 1, 132-144	2016
Changes in total phenolics and anthocyanins during blackberry, raspberry and cherry jam processing and storage	Oancea Simona, Călin F.	Rom. Biotech. Lett. 21(1), 11232-11237	2016
Silymarin food supplements – oral solid dosage forms	Felicia G. Gligor, Carmen M. Dobrea, Cecilia Georgescu, Loredana A. VonicaGligor, Adina Frum, Maria Totan	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry,17(4), p.349-354, ISSN 1582-540X	2016
A ADVANCED OXIDATION PROCESS FOR THE REMOVAL OF CHLORINATED PHENOLS IN AQUEOUS SUSPENSIONS	Favier, L.; Harja, M.; Simion, A. I.; Rusu, L ; Kadmi, Y ; Pacala, ML; Bouzaza	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY (JEPE), Volume: 17, Issue: 3, Pages: 1132-1141, ISSN: 1311-5065	2016
Identification of <i>Saccharomyces cerevisiae</i> wine yeasts isolated from local area,	E. Lengyel, L.Oprean, L.Rosca, M.Tita, M.Ognean, O.Tita,	43 International Symposium on Agricultural Engineering- Actual Tasks on Agricultural Engineering, Opatija, Croatia, 24-27 februarie 2015, p.557-562, ISSN:1848-4425, WOS:000373450700050	2015
Techniques for extraction and enhancing flavour substances in Chardonnay and Sauvignon blanc grapes by enzyme substrate.	Diana Stegarus, Violeta Niculescu, Cecilia Georgescu, Ramona Iancu, Ecaterina Lengyel and Ovidiu Tita,	Revue Roumaine de Chimie, p. 507-513, vol. 60, nr. 5-6, mai 2015, ISSN 0035-3930,	2015
Oxidative stabilisation of rapeseed oil with synthetic $\alpha$ -tocopherol and anthocyanin extracts of blackberry, bilberry and sweet cherry fruits	Oancea Simona, Grosu C., Ketney O., Stoia M.	Oxid. Commun. Vol. 38, No. 1, 77-84	2015
The effect of ultrasonic pretreatment and sample preparation on the extraction yield of antioxidant compounds and activity of black currant fruits	Oancea Simona, Ghincevici D., Ketney O.	Acta Chim. Slov., 62(1), 242-248	2015
USE OF FLOUR-GRAFICS TECHNIQUE IN THE COMPATIBILITY PARAMETER	Iancu Maria Lidia, Ognean Mihai	JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES, vol 5/3, p: 277-28,	2015

EXTENSOGRAPH BRABENDER AND FLOURGRAPH E7		WOS:000458340200017	
Isolating wine yeasts that are specific to the Apold region and identifying them through RFLP genetic methods,	Ecaterina Lengyel	International Letters of Natural Sciences Vol. 44,10-14 ISSN 2300-9675	2015
Results of low $\beta$ - and $\gamma$ irradiation doses on <i>Saccharomyces cerevisiae</i> fermentation process	Dan Chicea, Voichita Gheoca, Ecaterina Lengyel	Romanian Biotechnological Letters, vol 20, no.4, 10656-10661	2015
Removal of an organic refractory compound by photocatalysis in batch reactor – kinetic studies	Lidia Favier , Andrei Ionut Simion, Lacramioara Rusu, Mariana Liliana Pacala, Cristina Grigoras , Abdelkrim Bouzazal	Environmental Engineering and Management Journal, Vol.14, No. 6, 1327-1338, 2015, Print ISSN:1582-9596; eISSN:1843-3707.	2015
Research on water quality used in milk industry in Sibiu Country (Transilvania, Romania)	Mihaela Tiță, Adriana Dabija, Ovidiu Tiță, Daniela Nairetti,	Transylvanian review of systematical and ecological research, The Wetlands Diversity, vol.16, no.2, ISSN2344-3219, p. 131-136	2014