

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Teza de doctorat

Biotehnologie de obținere pe cale microbiană a coloranților de uz alimentar, Universitatea "Dunărea de Jos" Galați, 2001

#### B. Cărți si capitole în cărți

1. G. Paraschiv, N. Ungureanu, M.N. Dinca, B.St.Zabava, M. Ferdes, G.Moiceanu, L.M.Toma, Obținerea biogazului si impactul asupra mediului, 2020, Ed. Politehnica Press, ISBN: 978-606-515-900-6
2. M. Ferdes, Antimicrobial compounds from plants, cap 10 in Fighting antimicrobial resistance, IAPC Publishing, Zagreb, Edited by Ana Budimir, ISBN: 978-953-56942-6-7 © 2018 by the authors; licensee IAPC, Zagreb, Croatia., DOI: 10.5599/obp.15.0 Published online: 17 Jul, 2018
3. M. Ferdes, Microbiologie, partea I, 2008, ed. Printech ISBN 978-606-521-123-0
4. M. Ferdes, C. Ungureanu, Microbiologie II, ISBN 978-606-521-584-9, Ed. Printech, 2010
5. Mariana Ferdes, Microbiologie industrială. Îndrumar de laborator, Litografia UPB, 80 pg., 2001
6. Mariana Ferdeș, Camelia Ungureanu, Microbiologie Industrială. Îndrumar de laborator, ISBN: 978-606-521-267-1, ed. Printech

#### C. Articole în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson Reuters

1. Dului, O.G., Ferdes, M., Ferdes, O.S., 2004. EPR study of some irradiated food enzymes. *Journal of Radioanalytical and Nuclear Chemistry*, **260**(2), pp. 273-277, ISSN 0236-5731, FI<sub>2012</sub>= 1,467  
<http://link.springer.com/article/10.1023/B:JRNC.0000027095.19005.e7#page-1>
2. Dului, O.G., Ferdes, M., Ferdes, O.S., 2000. EPR identification of irradiated *Monascus purpureus* red pigment. *Radiation Physics and Chemistry*, **57**(1), pp. 97-101, ISSN 0969-806X, FI<sub>2012</sub>=1,375  
<http://www.sciencedirect.com/science/article/pii/S0969806X99003059>
3. Zoltán, Füstös; Ágnes, Belák; Ferdeş, Mariana; Anna, Maráz, Isolation and identification of probiotic lactic acid bacteria and examination of their tolerance against stress factors, *Studia Universitatis Babes-Bolyai, Chemia*. 2010, p31-43. 13p., ISSN 0039-3401, FI<sub>2012</sub>=0,089  
<http://web.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=12247154&AN=70291491&h=eEpRJUD1Cco1ZbrTmZMnH9T%2bDZOt2akQLI6t3RGaRSIOmrqqwaj3GyRlq3qfUzKpYxhGS5cM6YTB2YjMBRoiA%3d%3d&crl=c>
4. Mihalcea, A., Ungureanu, C., Ferdes, M., Chirvase, A.A., Tanase, C. The influence of operating conditions on the growth of the yeast *Rhodotorula Rubra* ICCF 209 and on torularhodin formation, (2011), *Revista de Chimie*, ISSN 0034-7752, 62 (6), pp. 659-665, FI<sub>2012</sub> =0,538  
<http://www.revistadechimie.ro/pdf/MIHALCEA%20A.pdf%206%2011.pdf>
5. Ferdes, M., Ungureanu, C., Mihalcea, A., Chirvase, A.A., Mocanu, E. The influence of the carbon source on torularhodin pigment biosynthesis, (2011), *Revista de Chimie*, ISSN 0034-7752, 62 (3), pp. 339-343, FI<sub>2012</sub> =0,599  
<http://revistadechimie.ro/pdf/FERDES%20M.pdf%203%2011.pdf>
6. Stoenica, M., Buzatu, P., Ferdes, M., Ofiteru, I.D., Graham, D., Lavric, V., Comparison of laboratory wastewater treatment systems with settlers affect of cycloheximide and recirculation ratio, *Revista de Chimie* 62 (6) , pp. 633-638, ISSN 0034-7752, FI<sub>2012</sub> =0,538  
<https://getinfo.de/app/Comparision-of-Laboratory-Wastewater-Treatment/id/BLSE%3ARN293340272>
7. Ferdes, M., Ungureanu, C. Study of relationship between enzymes production, growth rate and pigmentogenesis for five mutant strains of *monascus ruber*, (2011), *Revista de Chimie*, ISSN 0034-7752, 62 (1), pp. 75-81, FI<sub>2012</sub> =0,538  
<http://www.revistadechimie.ro/pdf/FERDES%20M.pdf%201%2011.pdf>
8. Albu, M.G., Ferdes, M., Kaya, D.A., Ghica, M.V., Titorencu, I., Popa, L. & Albu, L. 2012, "Collagen wound dressings with anti-inflammatory activity", *Molecular Crystals and Liquid Crystals*, vol. 555, pp. 271-279, ISSN 1542-1406, FI<sub>2012</sub>=0,53  
<http://www.tandfonline.com/doi/abs/10.1080/15421406.2012.635556#.UrJ-ZSfheQU>
9. Dobre, L.-., Dobre, T. & Ferdes, M. 2012, "Biodegradation kinetics of antimicrobial composite films based on polyvinyl alcohol-bacterial cellulose", *Revista de Chimie*, ISSN 0034-7752, vol. 63, no. 5, pp. 540-544. FI<sub>2012</sub>=0,538  
<http://www.revistadechimie.ro/pdf/DOBRE%20L.M.%205%2012.pdf>
10. Dobre, L.-., Stoica-Guzun, A., Stroescu, M., Jipa, I.M., Dobre, T., Ferdeş, M. & Ciumpiliac, Ş. 2012, "Modelling of sorbic acid diffusion through bacterial cellulose-based antimicrobial films", *Chemical Papers*, ISSN 0366-6352, vol. 66, no. 2, pp. 144-151 FI<sub>2012</sub> =0,879  
<http://link.springer.com/article/10.2478/s11696-011-0086-2#page-1>
11. Isopencu, G. & Ferdes, M. 2012, "Aspects regarding the influence of concentration of components with antifungal activity from some essential oils", *Revista de Chimie* ISSN 0034-7752, vol. 63, no. 2, pp. 205-211. FI<sub>2012</sub>=0,538  
<http://www.revistadechimie.ro/pdf/ISOPENCU%20G%202%2012.pdf>
12. Radu, N., Badea, M.N., Ferdes, M. & Rau, I. 2012, "Antioxidant properties of fungal biomaterial", *Molecular Crystals and Liquid Crystals* ISSN 1542-1406, vol. 555, pp. 202-207. FI<sub>2012</sub>=0,53  
<http://www.tandfonline.com/doi/abs/10.1080/15421406.2012.635537#.UrJxMCfheQU>
13. Radu, N., Salageanu, A., Ferdes, M. & Rau, I. 2012, "Cytotoxicity study regarding some products derived from *Monascus* sp.", *Molecular Crystals and Liquid Crystals* ISSN 1542-1406, vol. 555, pp. 189-194. FI<sub>2012</sub>=0,53  
<http://www.tandfonline.com/doi/abs/10.1080/15421406.2012.635533#.UrJx7ifheQU>
14. Simonescu, C.M., Dima, R., Ferdes, M. & Meghea, A. 2012, "Equilibrium and kinetic studies on the biosorption of Cu(II) onto *Aspergillus niger* biomass", *Revista de Chimie* ISSN 0034-7752, vol. 63, no. 2, pp. 224-228. FI<sub>2012</sub>=0,538  
<http://www.revistadechimie.ro/pdf/SIMONESCU%20C%202%2012.pdf>
15. Stefan, D.S., Dima, R., Pantazi, M., Ferdes, M. & Meghea, A. 2012, "Identifying microorganisms able to perform biodegradation of leather industry waste", *Molecular Crystals and Liquid Crystals* ISSN 1542-1406, vol. 556, pp. 301-308. FI<sub>2012</sub>=0,53  
<http://www.tandfonline.com/doi/abs/10.1080/15421406.2012.635983#.UrJs-SfheQU>

- 16 Ungureanu, C., Ferdes, M. & Chirvase, A.A. 2012, "Torularhodin biosynthesis and extraction by yeast cells of *rhodotorula rubra*", *Revista de Chimie* ISSN 0034-7752, vol. 63, no. 3, pp. 316-318. FI<sub>2012</sub>=0,538  
<http://www.revistadechimie.ro/pdf/UNGUREANU%20CAMELIA%203%2012.pdf>
- 17 Ofiteru D.I., Ferdes M., Charles W. Knapp & David W. Graham & Vasile Lavric, 2012, Conditional confined oscillatory dynamics of *Escherichia coli*, strain K12-MG1655 in chemostat systems, *Applied microbiology and biotechnology* ISSN 0175-7598 Volume: 94 Issue: 1 Pages: 185-92, 2012 FI<sub>2012</sub>=3.689 , doi: 10.1007/s00253-011-3697-1  
WOS:000301815900018  
<http://link.springer.com/article/10.1007/s00253-011-3697-1#page-1>
- 18 Durmus A.K., M.Ferdes, N.Badea, M.Albu, The effect of laurel and thymbra essential oils on antioxidant and antimicrobial properties of collagen hydrolysate, *Romanian Biotechnological Letters* ISSN 1224-5984, Vol. 17, No.5, 2012, FI<sub>2012</sub>= 0,219  
<http://www.rombio.eu/rbl5vol17/20%20Madalina%20ALBU.pdf>
- 19 Radu, N., Doncea, S.M., Ferdes, M., Salageanu, A. & Rau, I. 2012, "Biostimulatory properties of *monascus* sp. Bioproducts", *Molecular Crystals and Liquid Crystals* ISSN 1542-1406, vol. 555, pp. 195-201. FI<sub>2012</sub>=0,53  
<http://www.tandfonline.com/doi/abs/10.1080/15421406.2012.635535#.UrJ6AifheQU>
- 20 Soare L., M.Ferdes, S.Stefanov, Z.Denkova, R.Nicolova, P.Denev, C.Ungureanu, Antioxidant and Antimicrobial Properties of some Plant Extracts, *Revista de Chimie*, 2012 ISSN 0034-7752, 63,no4,FI<sub>2012</sub>= 0,538 pag 432-434  
<http://www.revistadechimie.ro/pdf/SOARE%20L%204%2012.pdf>
- 21 Ungureanu, C., Ferdes, M, Evaluation of Antioxidant and Antimicrobial Activities of Torularhodin, *Advanced science letters* ISSN 1936-6612, 18, 50-53 (2012) FI<sub>2012</sub>= 1,253  
<http://www.ingentaconnect.com/content/asp/asl/2012/00000018/00000001/art00008>
- 22 Barbulescu, I.D., Ferdes, M., Bejan, C., Anghel R. and Teodorescu, R., 2012. Improving wine-making products with selenium and total polyphenols. *Romanian Biotechnological Letters* ISSN 1224-5984, **17**(5), pp. 7646-7655. FI<sub>2012</sub>=0,219  
<http://www.rombio.eu/rbl5vol17/13%20Barbulescu%20Iuliana%20Diana.pdf>
- 23 Butu, A., Rodino, S., Ferdes, M. and Butu, M., 2012. Molecular dynamics simulation for seven structures of viscotoxin. *Digest Journal of Nanomaterials and Biostructures*ISSN 1842-3582, **8**(1), pp. 1-10. FI<sub>2012</sub> =1,092  
WOS:000316441200001  
<http://web.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=18423582&AN=88941829&h=BFri0tBlk6LEx0ETkG4iChPDQj9vEDKq9Ld5O3z2gprdw%2fv1EYkCI5NJmL46tUBcrs7Ge9InE2j4X9FVAquUGg%3d%3d&crI=c>
- 24 Kaya, D.A., Ferdes, M., Badea, N. and Albu, M.G., 2012. The effect of laurel and thymbra essential oils on antioxidant and antimicrobial properties of collagen hydrolysate. *Romanian Biotechnological Letters* ISSN 1224-5984, **17**(5), pp. 7694-7701. FI<sub>2012</sub>=0,219  
<http://www.rombio.eu/rbl5vol17/20%20Madalina%20ALBU.pdf>
- 25 Simonescu, C.M. and Ferdes, M., 2012. Fungal biomass for cu(II) uptake from aqueous systems. *Polish Journal of Environmental Studies*ISSN 1230-1485, **21**(6), pp. 1831-1839, FI<sub>2012</sub>=0,462  
<http://s3.amazonaws.com/academia.edu.documents/30884407/Pol.J.Envirion.Stud.Vol.21.No.6.1831-1839.pdf?AWSAccessKeyId=AKIAJ56TQJRTWSMTNPEA&Expires=1387302415&Signature=b8OczitRmN9Wf7%2B3mYid7raP9Y%2Bs%3D&response-content-disposition=inline>
- 26 Soare, L.C., Ferdes, M., Stefanov, S., Denkova, Z., Nicolova, R., Denev, P., Bejan, C. and Paunescu, A., 2012. Antioxidant activity, polyphenols content and antimicrobial activity of several native pteridophytes of Romania. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, **40**(1), pp. 53-57. ISSN 0255-965X FI<sub>2012</sub>= 0,590  
<http://notulaeobotanicae.ro/index.php/nbha/article/view/6648>
- 27 Ortan A., Ferdes M., Rodino S., Dinu Pirvu C., Draganescu D., Topical delivery system of liposomally encapsulated volatile oil of *Anethum graveolens*, *Farmacia*, **2013**, Vol.61, 2, pag-361-370 ISSN 0014-8237, FI<sub>2012</sub>= 0,578  
<http://www.revistafarmacia.ro/201302/art-14-ortan%20361-370.pdf>
- 28 Mihaila M., Bostan M, Hotnog D., Ferdes M., Brasoveanu L., Real-time analysis of quercetin, resveratrol and/or doxorubicin effects in MCF-7 cells, *Romanian Biotechnological Letters* ISSN 1224-5984Vol. 18, No.2,**2013**, pag 8106-8114 FI<sub>2012</sub>=0,219  
<http://www.rombio.eu/vol18nr2/6%20Mirela%20Mihaila%20-%20FIG%201%20COLOR%20-%20a%20platit%20suplimentar.pdf>

- 29 Dinu-Pirvu, C., Ferdes, M., Butu, A., Ortan, A. and Ghica, M.V., 2013. Physicochemical investigation of low soluble biocompounds entrapped in lipid carriers. *Farmacia*, **61**(1), pp. 182-192, ISSN 0014-8237, FI<sub>2012</sub>= 0,578 ,  
<http://www.revistafarmacia.ro/201301/art-16-2013-1-pirvu%20182-192.pdf>
- 30 Ferdes, O., Ferdes, M., Coteata, E., Ponta, C., Minea, R. and Ciofu, R., 1996. Ionizing radiation processing of some fresh fruit and vegetable. *Acta Alimentaria*, **25**(4), pp. 367-371. ISSN 0139-3006 FI<sub>212</sub>=,475  
<http://www.ingentaconnect.com/content/els/0969806x/1996/00000048/00000003/art81116>
- 31 Jinga, S. I., Isopencu, Gabriela, Stoica-Guzun, A., Stroescu, M., Ferdes, M., Ohreac, B., Silver green synthesis on bacterial cellulose membranes using tannic acid, *Digest Journal Of Nanomaterials And Biostructures*, 8 nr. 4, p. 1711-1717, 2013 IF 1,123 WOS:000327818000035.
- 32 G. Moiceanu, Gh. Voicu, **M. Dincă**, M. Ferdeș, G. Paraschiv, V. Vlăduț, L. Toma, Influence of different types of substrate on the anaerobic fermentation process, pp. 11281-11289, *Romanian Biotechnological Letters*, Vol. 21 (2), 2016, I.F. = 0,404.
- 33 G. Moiceanu, Gh. Voicu, M. Ferdeș, G. Paraschiv, **M. Dincă**, V. Vlăduț, I. Gageanu, M. Chițoiu, Comparative study on biogas production using cow and swine manure mixed with *Miscanthus x giganteus* as substrate, pp. 11968-11973, *Romanian Biotechnological Letters*, Vol. 21 (5), 2016, I.F. = 0,404.
- 34 M. Ferdes, F. Al Juhaimi, M.M. Özcan,\*, K. Ghafoor, Inhibitory effect of some plant essential oils on growth of *Aspergillus niger*, *Aspergillus oryzae*, *Mucor pusillus* and *Fusarium oxysporum*, *South African Journal of Botany xxx* (2017) xxx-xxx (online) IF 1,427
- 35 Dincă M., Voicu Gh., Toma L., Ferdes M., Voicea I., Ungureanu N., Paraschiv G., Moiceanu G., Vladut V., Biogas production from anaerobic co-digestion of cow manure and leaves of *Miscanthus x giganteus*, *Romanian Biotechnological Letters*, Vol. 22, No. 6, 2017, pp.13035-13044, DOI: 10.26327/RBL2017.50, ISSN 1224 – 5984 F.I.=0,404.
- 36 M.Ferdes, G.Voicu, M.Dinca, Comparative study of water discoloration by phytoremediation using *Pistia stratiotes* and *Chlorella vulgaris*, 2019, *Romanian Biotechnological Letters*, **24**(6), pp 953-960, doi 10.25083/rbl/24.6/953.960, IF=0,404
- 37 Camelia Ungureanu, Mirela Calinescu, Mariana Ferdes, Liliana Soare, Diana Vizitiu, Irina Fierascu, Radu Claudiu Fierascu, Silviu Raileanu, 2019, Isolation and cultivation of Some Pathogen Fungi from Apple and Grapevines grown in Arges County, *Rev de Chimie*, **70**(11):3913-3916, doi 10.37358/VRC.19.11.7671, IF=1,755
- 38 M.Ferdes, M.N. Dinca, G.Moiceanu, B.S.Zabava, G.Paraschiv., *Microorganisms and Enzymes Used in the Biological Pretreatment of the Substrate to Enhance Biogas Production: A Review*, *Sustainability* **12**(17), sept 2020, Q2, 2020, IF 2,57
- 39 Paraschiv G., Ferdes M., Ionescu M., Moiceanu G., Zabava B.S., Dinca M.N. *Laccases-Versatile Enzymes Used to Reduce Environmental Pollution*, *Energies*, vol. 5 (5), art. no. 1835, 2022, F.I.=3.252, DOI10.3390/en15051835. WOS:000768534900001, autor corespondent
- 40 Ferdes M., Zăbavă B.S., Paraschiv G., Ionescu M., Dincă M.N.; Moiceanu G. *Food Waste Management for Biogas Production in the Context of Sustainable Development*. *Energies*, vol. 15 (17), art. no. 6268, 2022. F.I.=3.252, <https://doi.org/10.3390/en15176268>. WOS:000852854000001.
- 41 M.Ferdes, G.Paraschiv, M.Ionescu, M.N.Dinca, G.Moiceanu, B.S.Zabava. *Anaerobic Co-Digestion: A Way to Potentiate the Synergistic Effect of Multiple Substrates and Microbial Diversity*, *Energies*, **16**(5), 2116, 2023, IF=3,2 <https://doi.org/10.3390/en16052116>
- 42 Ungureanu, C., Ferdes, M., Chirvase, A.A., Mocanu, E. Method for torularhodin separation and analysis in the yeast *rhodotorula rubra* aerobically cultivated in lab bioreactor, (2011), *Chemical Engineering Transactions*, **24**, ISBN 978-88-95608-15-0; ISSN 1974-9791, pp. 943-948.  
<http://www.nt.ntnu.no/users/skoge/prost/proceedings/pres2011-and-icheap10/IChP10/127Ungureanu.pdf>
- 43 C. Ungureanu, Ferdes M., *Antibacterial and antifungal activity of red rice obtained from *Monascus purpureus**, *Chemical Engineering Transactions*, **20**, ISBN 978-88-95608-11-2 ISSN 1974-9791, pp. 223-228; DOI: 10.3303/CET1020038, 2010  
<http://www.aidic.it/cet/10/20/038.pdf>
- 44 Camelia Ungureanu, M. Ferdes, A.A. Chirvase, N. Radu, Study of relationship concerning the pigment production and growth rate for five mutant strains of *Monascus purpureus*, *The ninth International Conference on Chemical & Process Engineering*, Roma, *Chemical Engineering Transactions*, **17**, pp. 1149-1154, ISBN 978-88-95608-01-3; ISSN 1974-9791, DOI:

- 45 M. Ferdes, Camelia Ungureanu, N. Radu, A.A. Chirvase, Antimicrobial effect of monascus purpureus red rice against some bacterial and fungal strains, The ninth International Conference on Chemical & Process Engineering, Roma, Chemical Engineering Transactions, 17, pp. 1089-1094, ISBN 978-88-95608-01-3; ISSN 1974-9791, DOI: 10.3303/CET0917182, 2009  
<http://www.aidic.it/cet/09/17/182.pdf>  
**si in NEW BIOTECHNOLOGY**, Vol. **25**, Pg. **S194-S194**, Supplement 1, DOI 10.1016/j.nbt.2009.06.119
- 46 1. M. Dincă, Gh. Voicu, G. Paraschiv, M. Ferdeş, G. Moiceanu, P. Voicu, M. Stefan, Anaerobic digestion of vegetal biomass used for biogas production, Proceedings of the 43rd International Symposium on Agricultural Engineering, Actual Taks on Agricultural Engineering, pp. 657-666, 2015, ISSN 1848-4425, Opatija, Croatia, 24-27 February 2015.
- 47 2. G. Moiceanu, Gh. Voicu, G. Paraschiv, MirelaDinca, M. Ferdes, M. Chitoiu, G. A. Constantin, G. Musuroi, Energy consumption to the formation of solid-liquid system based on vegetal biomass, Proceedings of the 43rd Symposium „Actual Tasks on Agricultural Engineering”, Opatija, Croatia, 24 - 27 February 2015, pp.645- 656, ISSN 1848-4425.
- 48 **M. Dincă**, L. Toma, M. Ferdeş, Gh. Voicu, G. Paraschiv, G. Moiceanu, V. Vlăduţ, Optimization of biogas production by the addition of green miscanthus x giganteus in anaerobic digester, Proceedings of the 44th International Symposium on Agricultural Engineering, Actual Taks on Agricultural Engineering, Opatija, Croatia, pp. 437-446, 2016
- 49 L. Toma, Gh. Voicu, M. Ferdes, **M. Dincă**, Animal manure as substrate for biogas production, Engineering for Rural Development, 15th International Scientific Conference on Engineering for Rural Development; Jelgava, Latvia, Code 122094, Vol. 2016, pp. 629 – 634, 2016
- 50 I.A. Istrate, M.N. Dincă, **M. Ferdeş**, D.M. Cocârţă, The use of ozone in combination with electrochemical treatment for the remediation of organic polluted soils, Proceedings of the 45th International Symposium "Actual Tasks on Agricultural Engineering", pp. 63-70, ISSN 1848-4425, Croatia, Opatija, 21-24 feb. 2017
- 51 **M. Ferdes**, M. Dincă, L. Toma, G. Paraschiv, Discoloration of synthetic textile dyes by laccase-producing fungal biomass, Proceedings of the 45th International Symposium "Actual Tasks on Agricultural Engineering", pp. 503 – 512, ISSN 1848-4425, Croatia, Opatija, 21-24 feb. 2017
- 52 **Ferdes M.**, Zabava B.S.,Dinca M.N., Paraschiv G. - Effect of ozone treatment on three bacterial strains of drinking water, Engineering for Rural Development, vol. 17,17th International Scientific Conference Engineering for Rural Development, ERD 2018, Jelgava, Letonia, 23.-25.05.2018, pp. 677-680, 2018, DOI: 10.22616/ERDev2018.17.N382, Cod 137032, ISSN: 1691-3043 **[ISI Proceedings]**
- 53 Dinca M.N., **Ferdes M.**, Zabava B.S., Istrate I.A., UV absorption spectra, iodometric determination and pH variation in ozonated water using ozone generator, Engineering for Rural Development, vol. 17,17th International Scientific Conference Engineering for Rural Development, ERD 2018, Jelgava, Letonia, 23.-25.05.2018, pp. 695-699, 2018, DOI: 10.22616/ERDev2018.17.N388, Cod 137032, ISSN: 1691-3043 **[ISI Proceedings]**
- 54 Toma M.L., Voicu G., **Ferdes M.**,Dinca M.N. – Preliminary research in microorganism pretreatment of biomass for lignocellulose degradation, Engineering for Rural Development, vol. 17,17th International Scientific Conference Engineering for Rural Development, ERD 2018, Jelgava, Letonia, 23.-25.05.2018, pp. 1850-1854, 2018, DOI: 10.22616/ERDev2018.17.N422, Cod 137032, ISSN: 1691-3043 **[ISI Proceedings]**
- 55 Zabava B.S., Voicu G., Dinca M.N., Ungureanu N., **Ferdes M.**, Durability of pellets obtained from energy plants: Review, Engineering for Rural Development, vol. 17,17th International Scientific Conference Engineering for Rural Development, ERD 2018, Jelgava, Letonia, 23.-25.05.2018, pp. 1850-1854, 2018, DOI: 10.22616/ERDev2018.17.N419, Cod 137032, ISSN: 1838-1843 **[ISI Proceedings]**



- 56 Dinca M., **Ferdes M.**, Zabava M., Paraschiv G., Ungureanu N., Vladut V., Moiceanu G., – Lignocellulosic biomass pretreatment by hydrolytic fungal strains, Proceeding of the 46th International Symposium „Actual Tasks on Agricultural Engineering”, Croația, Opatija, ISSN 1848-4425, pg. 349-358, 27 febr.-1 martie. 2018, [**ISI Proceedings**, ISI - Index to Scientific and Technical Proceedings; CAB International – Agricultural Engineering Abstracts; Cambridge Scientific Abstracts – InterDok]; <http://atae.agr.hr/>
- 57 **Ferdes M.**, M. Dinca, B. Zabava, G. Paraschiv, M. Munteanu, M. Ionescu – Laccase enzyme production and biomass growth in liquid cultures of wood-degrading fungal strains, Proceeding of the 46th International Symposium „Actual Tasks on Agricultural Engineering”, Croația, Opatija, ISSN 1848-4425, pg. 341-348, 27 febr.-1 martie. 2018, [**ISI Proceedings**, ISI - Index to Scientific and Technical Proceedings; CAB International – Agricultural Engineering Abstracts; Cambridge Scientific Abstracts – InterDok]; <http://atae.agr.hr/>
- 58 Sorica C., **Ferdes M.**, Pirna I, Vladut V., Sorica E., Grigore I., – Effects of UV-C irradiation upon of the reference strains of some food-associated microorganisms, Proceeding of the 46th International Symposium „Actual Tasks on Agricultural Engineering”, Croația, Opatija, ISSN 1848-4425, pg. 241-248, 27 febr.-1 martie. 2018, [**ISI Proceedings**, ISI - Index to Scientific and Technical Proceedings; CAB International – Agricultural Engineering Abstracts; Cambridge Scientific Abstracts – InterDok]; <http://atae.agr.hr/>
- 59 M.Ferdes, M.Dinca, B.Zabava, Effect of ozone on Salmonella enteritidis and Escherichia coli in contaminated water, 47 th International Symposium „Actual Tasks on Agricultural Engineering”, Croatia, Opatija, 2019
- 60 B.Zabava, G.Ipate, G.Voicu, M.N.Dinca, N.Ungureanu, M.Ferdes, V.Vladut, Smart System to Monitor Wastewater treatment based on Raspberry Pi Computer, 47 th International Symposium „Actual Tasks on Agricultural Engineering”, Croatia, Opatija, 2019
- 61 N.Ungureanu, V.Vladut, N.V.Vladut, I.Istrate, B.Zabava, M.Ferdes, M.Dinca, Advanced electrochemical treatment of wastewater from cattle farm, 47 th International Symposium „Actual Tasks on Agricultural Engineering”, Croatia, Opatija, 2019
- 62 M. Ferdes, B.S.Zabava, M.Dinca, G.Moiceanu, M.Ionescu, THE EFFECT OF OZONE ON CERTAIN YEASTS IN WASTEWATER, Conference: 48th ACTUAL TASKS ON AGRICULTURAL ENGINEERINGAt: Zagreb, Croatia

#### D Articole in reviste si volume BDI

1. Anicuta Stoica, Marta Stroescu, Mariana Ferdes, Iuliana Jipa, Tatiana Ofiteru, *Functional yoghurt containing encapsulated Lactobacillus acidophilus*, published in Proceeding of International Symposium BIOTECHNOLOGY 2008, USAMV, 20-21 November 2008, Bucharest, Romania, Serie F, ISSN 1224-7774, p. 260-266, indexat CABI.  
<http://biotehnologii.usamv.ro/fisiere/file/proceedings.pdf>
2. Camelia Ungureanu, M. Ferdes, A. Mihalcea, A. A. Chirvase, Characterization of O<sub>2</sub> transfer capability in the aerobic bioreactor for carotenoid pigments formation, U.P.B. Sci. Bull., Series B, Vol. 73, Iss.1, pp.57-66, Ed. POLITEHNICA Press, ISSN 1454-2331, B+, indexat SCOPUS, 2011  
[http://www.scientificbulletin.upb.ro/rev\\_docs/arhiva/full98588.pdf](http://www.scientificbulletin.upb.ro/rev_docs/arhiva/full98588.pdf)
3. Albu, M.G., Ferdes, M., Giurginca, M., Chelaru, C., Constantinescu, R., Ghica, M.V., The activity of some enzymes on type I fibrillar collagen | [Activitatea unor enzime asupra colagenului fibrilar tip I], Leather and Footwear Journal 11 (3) , pp. 191-200, ISSN 1583-4433, indexat CABI  
[http://www.icpi.ro/ICPI/images/rpi/2011\\_vol\\_11\\_Nr\\_3/full/2.pdf](http://www.icpi.ro/ICPI/images/rpi/2011_vol_11_Nr_3/full/2.pdf)
4. Radu N., Kourkoutas Y., Ferdes M, Physical-chemical properties of Monascus metabolites, Proceeding of the 4rd International Symposium “NEW RESEARCH IN BIOTECHNOLOGY” USAMV Bucharest, Romania, 2011, pag 82-85, indexat CABI  
[http://www.biotehnologii.usamv.ro/fisiere/file/Volum2\\_Articole2011\\_Final\\_Var2.pdf#page=82](http://www.biotehnologii.usamv.ro/fisiere/file/Volum2_Articole2011_Final_Var2.pdf#page=82)
5. Simonescu, C.M., Dima, R. & Ferdes, M. 2012, Comparative study on Cu(II) biosorption by fungal strains from different aqueous systems, Leather and Footwear Journal, vol. 12, no. 1, pp. 39-52. ISSN 1583-4433, indexat CABI  
[http://www.icpi.ro/ICPI/images/rpi/2012\\_vol\\_12\\_Nr\\_1/Simonescu.pdf](http://www.icpi.ro/ICPI/images/rpi/2012_vol_12_Nr_1/Simonescu.pdf)
6. Ferdeș, M. & Ungureanu, C. 2012, Antimicrobial activity of Essential oils against four food-borne fungal strains, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, Ed. POLITEHNICA Press, ISSN 1454-2331, indexat SCOPUS, vol. 74, no. 2, pp. 87-98.  
[http://scientificbulletin.upb.ro/rev\\_docs\\_arhiva/fullf25\\_103172.pdf](http://scientificbulletin.upb.ro/rev_docs_arhiva/fullf25_103172.pdf)

7. Isopencu, G. & Ferdeş, M. 2012, "The effect of *Anethum graveolens* upon the growth of *E. Coli*", UPB Scientific Bulletin, Series B: Chemistry and Materials Science, vol. 74, no. 3, pp. 85-92, Ed. POLITEHNICA Press, ISSN 1454-2331 indexat SCOPUS  
[http://scientificbulletin.upb.ro/rev\\_docs\\_arhiva/full064\\_201950.pdf](http://scientificbulletin.upb.ro/rev_docs_arhiva/full064_201950.pdf)
8. Soare, L.C., Ferdeş, M., Deliu, I. & Gibea, A. 2012, "Studies regarding the antibacterial activity of some extracts of native pteridophytes", UPB Scientific Bulletin, Series B: Chemistry and Materials Science, vol. 74, no. 1, pp. 21-26. Ed. POLITEHNICA Press, ISSN 1454-2331 indexat SCOPUS  
[http://www.scientificbulletin.upb.ro/rev\\_docs\\_arhiva/full6ab\\_473399.pdf](http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full6ab_473399.pdf)
9. C.Pirvu, M.Ferdes, A.Ortan,A.Butu, Preparation and characterization of poorly soluble drug-loaded lipid nanoparticles, Studia Universitatis "Vasile Goldiș", Seria Științele Vieții Vol. 22, issue 4, 2012, pp. 531-535, ISSN 1584-2363 indexat SCOPUS  
[http://www.studiauniversitatis.ro/v15/index.php?option=com\\_content&view=article&id=816:preparation-and-physicochemical-characterization-of-poorly-soluble-drug-loaded-lipid-nanoparticles-&catid=33:studies-univ-vq-ssv-vol-22-iss-4-2012&Itemid=122](http://www.studiauniversitatis.ro/v15/index.php?option=com_content&view=article&id=816:preparation-and-physicochemical-characterization-of-poorly-soluble-drug-loaded-lipid-nanoparticles-&catid=33:studies-univ-vq-ssv-vol-22-iss-4-2012&Itemid=122)
10. A.Ortan,M.Ferdes,C.Pirvu, Comparative microbiological activity of volatile oils from *Anethum graveolens* species, Studia Universitatis "Vasile Goldiș", Seria Științele Vieții Vol. 22, issue 4, 2012, pp. 531-535 ISSN 1584-2363 indexat SCOPUS  
<http://www.studiauniversitatis.ro/v15/pdf/22-2012/22-4-2012/SU22-4-2012-Ortan.pdf>
11. Prisada R., Dinu-Pirvu C., Ferdes M., Ortan A., Toderescu CD., Lupulia D., Preparation and physicochemical characterization of poorly soluble drug-loaded lipid nanoparticles, Studia Universitatis "Vasile Goldiș", Seria Științele Vieții Vol. 22, issue 4, 2012 pp. 519-524 © 2012 Vasile Goldiș University Press ([www.studiauniversitatis.ro](http://www.studiauniversitatis.ro)), ISSN 1584-2363 indexat SCOPUS, INDEX COPERNICUS  
<http://www.studiauniversitatis.ro/v15/pdf/22-2012/22-4-2012/SU22-4-2012-Prisada.pdf>
12. Barbulescu D., Badea N., Ferdes M., The importance of selenium from powder of skins and seeds of Italian grapes and wine, resulting from the vinification processes, Journal of Agroalimentary Processes and Technologies 2011, 17 (3), 218-224, ISSN: 2069-0053 indexat CABI  
[http://journal-of-agroalimentary.ro/admin/articole/38819L3\\_Diana\\_Barbulescu\\_1\\_Vol.3\\_2011\\_218\\_224.pdf](http://journal-of-agroalimentary.ro/admin/articole/38819L3_Diana_Barbulescu_1_Vol.3_2011_218_224.pdf)
13. Ungureanu C., Ferdes M., Influence of the culture medium on torulerrhodin pigment biosynthesis, Proceeding of the 4rd International Symposium New Research in biotechnology, USAMV Bucharest, Romania, 2011, pag 97-104, ISSN 1224-7774, indexat CABI  
[http://www.biotehnologii.usamv.ro/fisiere/file/Volum2\\_Articole2011\\_Final\\_Var2.pdf#page=97](http://www.biotehnologii.usamv.ro/fisiere/file/Volum2_Articole2011_Final_Var2.pdf#page=97)
14. Dinu-Pirvu C., Ferdes M., Ortan A., Ichim M., Chiurciu V., Popescu A., Purdoi L., Ivana S., Studies concerning the development of lipid nanostructure in bioproducts encapsulation, Veterinary Journal, Vol LVIII issue 3, pag 204-209, ISSN 1222-5304, indexat CABI, INDEX COPERNICUS ([veterinarymedicinejournal.usamv.ro](http://veterinarymedicinejournal.usamv.ro))  
[http://veterinarymedicinejournal.usamv.ro/pdf/vol.LVIII\\_3/Art27.pdf](http://veterinarymedicinejournal.usamv.ro/pdf/vol.LVIII_3/Art27.pdf)
15. N. Radu, M. Ferdes, O. Coman, I. Ghita Cristescu, A. Mihalcea, Camelia Ungureanu, Influence the difference submerged media by the production of yellow and red *Monascus* sp. pigment, Scientific papers, USAMV Bucharest, Series A, vol. LII, pp. 491-496, ISSN 1222-5339, B+, 2009 indexat CABI  
[http://www.agro-bucuresti.ro/fisiere/file/Cercetare/LS\\_2009/Scientific%20Papers%202009.pdf#page=491](http://www.agro-bucuresti.ro/fisiere/file/Cercetare/LS_2009/Scientific%20Papers%202009.pdf#page=491)
16. N. Radu, S. Marianthi, M. Ferdes, M. Voicescu. 2011. Therapeutic effect of *Monascus* metabolites, Scientific Bulletin, Series F, Biotechnology, ISSN 1224-7774, p.148-155, indexat CABI  
[http://www.biotehnologii.usamv.ro/fisiere/file/Volum2\\_Articole2011\\_Final\\_Var2.pdf](http://www.biotehnologii.usamv.ro/fisiere/file/Volum2_Articole2011_Final_Var2.pdf)
17. Butu A., Ferdes M., Rodino S., Butu M, In silico molecular dynamics of the peptide WAMP-1A, Banat s Journal of Biotechnology, ISSN 2068-4673, vol 6, 10-17, 2012, INDEX COPERNICUS  
<http://www.bjbabe.ro/wp-content/uploads/2012/11/02Butu-Alina.pdf>

- 18 Gogulancea V. · Isopencu G. · Ferdes M., Dynamics of Escherichia coli population expressing heterologous proteins , Scientific Bulletin Series B: Chemistry and Materials Science 77(1) ian 2015 ,ISSN (print): 1454-2331
- 19 1. Gh. Voicu, M. Dincă, M. Ferdeş, G. Paraschiv, N. Ungureanu, G. Moiceanu, P. Voicu, Researches regarding the indices of anaerobic fermentation process for alfalfa biomass, American-Eurasian Journal of Agricultural & Environmental Sciences (Revistă indexată ISI, CABI, DOAJ, EBSCO Inc., Agriculture Resources), 15(10), pp. 2080-2087, 2015, ISSN 1818-6769.
- 20 Ovidiu IORDACHE<sup>1,2</sup>, Calina Petruta CORNEA<sup>1</sup>, Camelia DIGUTA<sup>1</sup>, Iuliana DUMITRESCU<sup>2</sup>, Mariana FERDES, DISCOLOURING AND BIOREMEDIATION OF SYNTHETIC TEXTILE DYES BY WASTEWATER MICROBIAL ISOLATES, Scientific Bulletin. Series F. Biotechnologies, Vol. XIX, 2015 ISSN 2285-1364
- 21 E.M. Ştefan, Gh. Voicu, G-A. Constantin, M. Ferdeş, Gh. Muscalu, The effect of water hardness on rheological behavior of dough. Journal of Engineering Studies and Research, Vol. 21 No.1, 2015. ISSN: 2068-7559.
- 22 G. Isopencu, M. Stroescu, A. Stoica-Guzun, S. I. Jinga, M. Ferdes, "Green Synthesis of Silver-Bacterial Cellulose Composites Using Turmeric Powder Extract", Applied Mechanics and Materials, Vol. 760, pp. 311-316, May. 2015 ISSN: 1662-7482
- 23 **M. Dinca**, Gh. Voicu, M. Ferdeş, L. Toma, I. Vocea, Anaerobic digestion of animal manure and maize silage in pilot plant for biogas production, University Politehnica of Bucharest Scientific Bulletin, Series B: Chemistry and Materials Science, Vol.78(2), pp.71-80, 2016, ISSN (print): 1454-2331 / (online): 2286-3680, COD CNCSIS 50
- 24 M. Ferdes, Toma L., **Dincă M.**, Zăbavă B., Air microbial contamination in indoor environment of Faculty of Biotechnical Systems Engineering, International Symposium ISB-INMA TEH – Agricultural and Mechanical Engineering, 27-29 oct. 2016, Bucharest, pp. 447-452, 2016
- 25 B.Şt. Zăbavă, Voicu Gh., Safta V.V., Ungureanu N., **Dincă M.**, Ionescu M., Munteanu M., Ferdeş M., Considerations on the equipment used for wastewater settling – a review, International Symposium ISB-INMA TEH – Agricultural and Mechanical Engineering, 27-29 oct. 2016, Bucharest, pp. 561-566, 2016
- 26 **M. Dincă**, Ferdeş M., Paraschiv G., Voicu Gh., Ungureanu N., Ionescu M., Muşuroi G., Zăbavă B.Şt. Agricultural feedstock characterization used in biogas plants, International Symposium ISB-INMA TEH – Agricultural and Mechanical Engineering, 27-29 oct. 2016, Bucharest, pp. 541-546, 2016
- 27 ŞTEFANIA MARIN<sup>1</sup> , MIHAELA VIOLETA GHICA<sup>2</sup> , IRINA TITORENCU<sup>3</sup> , MĂDĂLINA GEORGIANA ALBU KAYA<sup>1\*</sup>, MARIANA FERDEŞ<sup>4</sup> , CRISTINA DINU-PÎRVU<sup>2</sup> , VASILE PRUNĂ,<sup>3</sup> DEVELOPMENT AND CHARACTERIZATION OF INDOMETHACIN LOADED POLYVINIL ALCOHOL-COLLAGEN SMART HYDROGELS FOR BURNS INJURIES ICAMS 2016 – 6<sup>th</sup> International Conference on Advanced Materials and Systems
- 28 Moiceanu G., Paraschiv G., Voicu Gh., Dincă M., **Ferdeş M.**, Toma L., Ungureanu N., Waste gazification technology using a fixed-bed gasifier – review, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp.247-252, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302
- 29 **Ferdeş M.**, Dincă M., Paraschiv G., Toma L., Discoloration of water containing synthetic dyes by four strains of Aspergillus, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp.215-220, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302
- 30 Dincă M., **Ferdeş M.**, Paraschiv G., Munteanu M., Ungureanu N., Lignocellulosic substrates biodegradation by some strains of filamentous fungi, Proceedings of 6th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2017, pp. 197-202, 2017, ISSN 2457 – 3302, ISSN-L 2457 – 3302



- 31 Dincă M., **Ferdeş M.**, Paraschiv G., Ungureanu N., Zăbavă B., Ionescu M., Moiceanu G., Recovery of organic waste through composting process/ Valorificarea prin compostare a reziduurilor organice, pp.381 – 386, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118
- 32 Zăbavă B.Şt., Voicu Gh., Ungureanu N., Dincă M., Paraschiv G., Munteanu M., **Ferdeş M.**, Methods of biogas purification – a review/ Metode de purificare a biogazului – review, pp.403-408, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118
- 33 Munteanu M., Voicu G., **Ferdeş M.**, Stefan M.E., Zăbavă B., Istrate I., Dincă M., Theoretical aspects regarding the preparation of hard dough products /Aspecte teoretice privind procesul de fabricare a produselor pe bază de aluat tare, pp. 687-690, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118
- 34 Istrate I., Ferdes M., Rada E.C., Dincă M., THE USE OF OZONE IN DIFFERENT ENVIRONMENTAL APLICATIONS , Int. Symp. ISB-INMA-THE, 2017
- 35 Ştefan E.M.\*, Voicu Gh., Constantin G.A., Ferdeş M., Munteanu M, THE EFFECT OF MOISTURE CONTENT ON SOME PHYSICAL PROPERTIES OF CORN GRAIN, Int. Symp. ISB-INMA-TEH 2017
- 36 **Ferdes M.**, Dinca M., Zabava B., Conventional and new biological methods in the assesment of microbial population in biogas production– a review /Metode traditionale si noi pentru evaluarea populatiilor microbiene in producerea de biogaz - review, pp. 409-414, 2017, International Symposium ISB-INMATEH 2017, Print ISSN 2344-4118, Online ISSN 2537-3773, ISSN-L 2344-4118
- 37 Dincă M., **Ferdeş M.**, Paraschiv G., Ungureanu N., Vlăduţ V., Moiceanu G., Zăbavă B.Şt. Lignocellulosic biomass pretreatment for biofuel production. The 13th Annual Meeting „Durable Agriculture – Agriculture of the Future”, 9-10 Nov. 2017, Craiova. Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series. Vol. XLVII/2, Working group no. 4 – Management, agriculture mechanization and cadastre, pp. 310-316, ISSN 1841-8317, ISSN CD-ROM 2066-950X (B+, cod CNCSIS 502)
- 38 Zăbavă B.Şt., Voicu Gh., Paraschiv G., Dincă M., Ungureanu N., Ionescu M., **Ferdeş M.**, Duţu I., Vlăduţ V. Advanced methods of biogas purification – a review. The 13th Annual Meeting „Durable Agriculture – Agriculture of the Future”, 9-10 Nov. 2017, Craiova. Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series. Vol. XLVII/2, Working group no. 4 – Management, agriculture mechanization and cadastre, pp. 470-475, ISSN 1841-8317, ISSN CD-ROM 2066-950X (B+, cod CNCSIS 502)
- 39 Zăbavă B.Şt. Voicu Gh., Vlăduţ V., Ungureanu N., Dincă M., **Ferdeş M.**, Ipate G. Advanced technologies for wastewater treatment by UV – a review. The 14th Annual Meeting „Durable Agriculture – Agriculture of the Future”, 27-29 Sept. 2018, Craiova. Annals of the University of Craiova – Agriculture, Montanology, Cadastre Series. Vol. XLVIII/2, Working group no. 4 – Management, agriculture mechanization and cadastre, pp. 366-376, ISSN 1841-8317, ISSN CD-ROM 2066-950X (B+, cod CNCSIS 502) (BDI – CAB Abstracts and Global Health by CAB International, Index Copernicus, Ulrich, DOAJ, IDB).
- 40 Ungureanu N., Vlăduţ V., **Ferdeş M.**, Zăbavă B.Şt., Dincă M. Removal of pathogens from dairy wastewater by UV treatment. Proceedings of 24th edition - International Conference on Hydraulics and Pneumatics – HERVEX 2018. ISSN 1454 – 8003. November 7-9, Băile Govora, Romania (BDI – EBSCO Publishing, Google Scholar, TIB – German National Library of Science and Technology).
- 41 **Ferdes M.**, Dinca M., Toma L., Pihurov M., Inhibitory effect of essential oils on common fungal phytopathogens FUSARIUM and ALTERNARIA, Proceedings of the ISB-INMA TEH - Agricultural and Mechanical Engineering International Symposium, 1-3 Nov. 2018, pp. 609-614, ISSN 2344 - 4118, Bucharest, Romania (CABI, COPERNICUS, EBSCO)
- 42 Zăbavă B.Şt., Voicu Gh., Ungureanu N., Dincă M., **Ferdes M.**, Vlăduţ V., Advanced technologies for

wastewater treatment by ozonation - a review, Proceedings of the ISB-INMA TEH - Agricultural and Mechanical Engineering International Symposium, 1-3 Nov. 2018, pp. 603-608, ISSN 2344 - 4118, Bucharest, Romania (CABI, COPERNICUS, EBSCO)

- 43 Munteanu Mariana, Voicu G, Ferdes M., Constantin G., Stefan E.M., Dutu I., Experimental research on energy consumption in baking bagels, Proceedings of the ISB-INMA TEH - Agricultural and Mechanical Engineering International Symposium, 1-3 Nov. 2018, ISSN 2344 - 4118, Bucharest, Romania (CABI, COPERNICUS, EBSCO)
- 44 Ungureanu N., Vlăduț V., **Ferdeș M.**, Dincă M., Zăbavă B.Șt., Vocea I., Microbiological analysis of raw wastewater from a dairy farm, Proceedings of the ISB-INMA TEH - Agricultural and Mechanical Engineering International Symposium, 1-3 Nov. 2018, pp. 547-554, ISSN 2344 - 4118, Bucharest, Romania (CABI, COPERNICUS, EBSCO)
- 45 Dincă M., Ungureanu N., **Ferdeș M.**, Zăbavă B., Vlăduț V, Comparative study regarding advanced wastewater treatment using electrochemical oxidation and photocatalysis methods, Proceedings of the ISB-INMA TEH - Agricultural and Mechanical Engineering International Symposium, 1-3 Nov. 2018, pp. 565-570, ISSN 2344 - 4118, Bucharest, Romania (CABI, COPERNICUS, EBSCO)
- 46 Iordache O., Perdum E., Mitran E.C., Chivu A., Dumitrescu I., Ferdes M., Sandulache IM. Novel Myco-composite material obtained with *Fusarium oxysporum*, PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS AND SYSTEMS, 2018, **Page** 111-116, **DOI**10.24264/icams-2018.I.16
- 47 Zăbavă B.Șt., Voicu Gh., Ungureanu N., Dincă M., Paraschiv G., Munteanu M., Ferdes M. Methods of biogas purification – a review. ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering, Tome XII [2019] | Fascicule 1 [January – March], pp. 65-68, e-ISSN 2067-3809 (B+, cod CNCSIS 940) (BDI – Index Copernicus – Journal Master List, Genamics Journal Seek Database, DOAJ, EVISA Database, Chemical Abstracts Service (CAS), EBSCO Publishing, Google Scholar
- 48 M. Munteanu, G.Voicu, M.Ferdes, P.Tudor, Dynamics of fermentation process of bread dough prepared with different types of yeast, 2019, Scientific Study and Research: Chemistry and Chemical Engineering, 20(4) pp 574-584
- 49 M.Dinca, M.Ferdes, G.Paraschiv, M.Ionescu, Recovery of organic waste through composting process, Acta Technica Corviniensis, ian. 2019, vol XII fascicule 1, ISSN: 2067-38092019, index Copernicus International, Google scholar etc
- 50 Zăbavă B.Șt., Voicu Gh., Ungureanu N., Dincă M., Ferdeș M., Popa M., Matei D.D. The use of plants in the wastewater treatment – a review. International Symposium ISB-INMATEH – Agricultural and Mechanical Engineering, pp. 636-640, 31 oct. - 1 nov. 2019, Bucharest. Print: ISSN 2344-4118. Electronic: 2537-3773. CD-ROM ISSN 2344-4126. ISSN-L 2344-4118 (BDI – CAB Direct, Index COPERNICUS).
- 51 Zăbavă B.Șt., Voicu Gh., Ungureanu N., Dincă M., Ferdeș M., Safta V.V., Ipate G. Study of water turbidity determination using standard samples. Proceedings of 6th International Conference „Research People and Actual Tasks on Multidisciplinary Sciences”, pp. 124-128, ISSN 1313-7735, Printing House “Angel Kanchev” University of Ruse, 12 – 15 June 2019, Lozenec, Bulgaria (BDI – CABI).
- 52 M.Pihurov, V.Vladut, D.M.Bordean, M.Ferdes, Mycoremediation of heavy metal contaminated soil, 2019, International Symposium ISBE-INMA TEH, Index.CABI
- 53 M.Ferdes, B.Zabava, M.Dinca, L.Toma, Environmental Impact Associated with Biogas Production-a short review, 2019, International Symposium ISBE-INMA TEH, Agricultural and mechanical Engineering
- 54 M.Munteanu, G.Voicu, M.Ferdes, I.C.Dutu, Experimental research on energy consumption in baking bagels, International Symposium ISB-INMA TEH 2018, AGRICULTURAL AND MECHANICAL ENGINEERING, At: București, România
- 55 M. Pihurov, M. Ferdes, L. Toma, MYCOREMEDIATION OF WASTEWATER CONTAINING TEXTILE AZOIC DYES FOR HOUSEHOLD USE, RESEARCH PEOPLE AND ACTUAL TASKS ON MULTIDISCIPLINARY SCIENCES, 12 – 15 JUNE 2019, LOZENEC, BULGARIA
- 56 M.Ferdes, R.Constantinescu, Isolation and characterization of fungal and bacterial proteolytic strains from chrome shavings, November 2020 The 8th International Conference on Advanced Materials and Systems, ISSN 2068-0783
- 57 M.Ferdes, R.Constantinescu, Biological pretreatment of waste from the leather industry to obtain

- biogas through anaerobic co-digestion processes - A review, November 2020 The 8th International Conference on Advanced Materials and Systems, ISSN 2068-0783
- 58 R.Constantinescu, G.Zainescu, M.Ferdes, I.Caniola, Pelt waste degradation using active microbial consortia, November 2020 The 8th International Conference on Advanced Materials and Systems, ISSN 2068-0783
- 59 Bianca-Stefania ZABAVA, Gheorghe VOICU, Paula TUDOR, Mariana FERDES, Gabriel-Alexandru CONSTANTIN, VARIATION OF TURBIDITY OF LIQUID-SOLID MIXTURES IN THE WASTEWATER SETTLING PROCESS, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. X, 2021
- 60 R.Constantinescu, M. Ferdes, M.Ignat, A.Drusan, C.Chelaru, A. Ciobanu, Enzymatic Biotechnology Applied to Pelt Waste, September 2022, Leather and Footwear Journal, 22(3):185-196, CABI, DOI: 10.24264/lfj.22.3.4
- 61 R.Constantinescu, M. Ferdes, M.Ignat, A.Drusan, C.Chelaru, A. Ciobanu, Isolation and Characterization of Bacterial Protease Enzyme of Leather Waste, November 2022 The 9th International Conference on Advanced Materials and Systems, DOI: 10.24264/icams-2022.II.6
- 62 Mariana IONESCU\*, Gigel PARASCHIV, Mariana FERDEȘ, Mirela DINCĂ, Bianca ZĂBAVĂ, Georgiana MOICEANU, Nicoleta UNGUREANU, INTEGRAL VALORIZATION OF OLEAGINOUS CROPS - A REVIEW / VALORIFICAREA INTEGRALĂ A CULTURILOR OLEAGINOASE – REVIEW Vol. ISB-INMA-TEH International Symposium, Bucharest oct. 2023, Indexed in: CAB DIRECT (<http://www.cabdirect.org/>), Index Copernicus, Google Scholars pg 396
- 63 ORGANIC WASTE COMPOSTING, A PRACTICE FOR SUSTAINABLE AGRICULTURE / COMPOSTAREA DEȘEURILOR ORGANICE, O PRACTICĂ PENTRU AGRICULTURA DURABILĂ pg 382  
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- 64 UTILIZATION OF DIGESTATE RESULTED FROM BIOGAS PLANTS AS FERTILIZER IN AGRICULTURE / UTILIZAREA DIGESTATULUI REZULTAT DE LA STAȚIILE DE BIOGAZ CA FERTILIZANT ÎN AGRICULTURĂ pg 374  
Mirela DINCĂ\*, Irina ISTRATE, Gigel PARASCHIV, Mariana FERDEȘ, Mariana IONESCU, Bianca Zăbavă, Vol. ISB-INMA-TEH International Symposium, Bucharest oct. 2023, Indexed in: CAB DIRECT (<http://www.cabdirect.org/>), Index Copernicus, Google Scholars
- 65 MICROBIAL SOIL BIOREMEDIATION WITH LACCASES-PRODUCING FUNGI / BIOREMEDIEREA SOLULUI CU FUNGI PRODUCĂTORI DE LACAZE pg 390  
Mariana FERDEȘ\*, Irina ISTRATE, Mirela DINCĂ, Bianca Ștefania ZĂBAVĂ, Vol. ISB-INMA-TEH International Symposium, Bucharest oct. 2023, Indexed in: CAB DIRECT (<http://www.cabdirect.org/>), Index Copernicus, Google Scholars

#### E. Lucrari publicate in reviste neindexate

1. Gh. Mencinicopschi, C. Moșu, E. Bălăuță, **M. Ferdeș**, *Cercetări în vederea elaborării unei metode de coimobilizare a amiloglucozidazei și drojdiei pentru producerea etanolului pornind de la amidon de porumb*, Științe și Tehnologii Alimentare, 1(1), 4-12, 1993
2. Gh. Mencinicopschi, S. Iga, F. Mihăilă, **M. Ferdeș**, *Sinergismul biocatalitic al preparatelor enzimatice pectolitice și celulozolitice asupra unor structuri polimere membranare*, Științe și Tehnologii Alimentare, 1(1), 13-17, 1993
3. G. Mencinicopschi, **M. Ferdeș**, *Probioticele - prezent și viitor*, Științe și Tehnologii Alimentare, 2(1), 2-8, 1994
4. **M. Ferdeș**, G. Mencinicopschi, A. Guriță, I. Arișanu, *Cercetări preliminare privind obținerea și utilizarea unor probiotice de uz veterinar*, Științe și Tehnologii Alimentare, 2(1), 20-25, 1994
5. E. Dumitru, **M. Ferdeș**, L. Catargiu, O. Ferdeș, G. Mencinicopschi, *Radiomutageneza indusă la unele microorganisme din colecția I.C.A., producătoare de enzime*, Științe și Tehnologii Alimentare, 2(1), 26-29, 1994
6. G. Mencinicopschi, C. Moșu, E. Bălăuță, **M. Ferdeș**, *Cercetări privind producerea de etanol în flux continuu, prin proces simultan de zaharificare și fermentare folosind un preparat co-imobilizat de amiloglucozidază și drojdiei*, Științe și Tehnologii Alimentare, 2(2), 2-7, 1994
7. **M. Ferdeș**, G. Mencinicopschi, E. Dumitru, *Cercetări preliminare privind obținerea de pigmenți alimentari din *Monascus rubens**, Științe și Tehnologii Alimentare, 2(2), 8-14, 1994

8. **M. Ferdeş**, E. Dumitru, G. Mencinicopschi, *Cercetări privind obținerea și utilizarea de preparate enzimatic peptolitice din Aspergillus niger*, Științe și Tehnologii Alimentare, 2(3), 24-30, 1994
9. G. Mencinicopschi, C. Moșu, D. Simionescu, E. Bălăuță, **M. Ferdeş**, *Testarea comparativă în sistem "batch" a preparatelor coimobilizate pe suport acrilic și alginat*, Științe și Tehnologii Alimentare, 2(4), 60-63, 1994
10. G. Mencinicopschi, C. Moșu, E. Bălăuță, **M. Ferdeş**, *La production par co-immobilisation d'amyloglucosidase et de levure*, Agora Tech, 3, 8-9, 1994, Canada
11. **M. Ferdeş**, G. Mencinicopschi, O. Ferdeş, *Studiu comparativ privind producția de pigmenți alimentari din două tulpini de Monascus ruber obținute prin mutageneză*, Științe și Tehnologii Alimentare, 3(1), 12-17, 1995
12. E. Bălăuță, D. Simionescu, **M. Ferdeş**, G. Mencinicopschi, *Bioconversia soluțiilor de dextroză la alcool etilic prin procedeul cu celule viabile de drojdie imobilizate (I)*, Științe și Tehnologii Alimentare, 3(2), 2-5, 1995
13. E. Bălăuță, Gh. Mencinicopschi, **M. Ferdeş**, Zs. Arvay, *Cercetări în vederea îmbunătățirii stabilității preparatelor coimobilizate de amiloglucozidază fungică și drojdie în geluri de algi-nați*, Științe și Tehnologii Alimentare, 3(3), 2-5, 1995
14. E. Bălăuță, Gh. Mencinicopschi, **M. Ferdeş**, *Bioconversia soluțiilor de dextroză la etanol utilizând celule viabile de drojdie imobilizate (II)*, Științe și Tehnologii Alimentare, 3(5), 16-20, 1995
15. Camelia Ungureanu, **M. Ferdeş**, R. Anghel, *Pigmenții din Monascus purpureus - o alternativă naturală la coloranții alimentari de sinteză*, Revista Food and Drinks, Globus, no. 135, pp. 10-13, ISSN 1454 – 7252, iulie 2011

#### **F Lucrari publicate in volumele unor conferinte internationale**

1. O. Ferdeş, **M. Ferdeş**, E. Dumitru, G. Mencinicopschi, *Gamma-irradiation induced mutagenesis on some microbial strains of interest in food biotechnologies*, New Developments in Food, Feed and Waste Irradiation, Proceedings of the 3<sup>rd</sup> German Meeting on Food Irradiation and the Working Group "Radiation Technology" of the 23<sup>rd</sup> Meeting of the European Society for New Methods in Agricultural Research, SozEp Hefte, 5-9 sept. 1993, Haale, Germania, pag. 145-149
2. O. Ferdeş, R. Minea, C. Oproiu, , **M. Ferdeş**, *The use of different type of electron beam radiation equipment for biotechnological materials processing*, IAEA-SM-350/25, International Symposium on Radiation Technology for Conservation of the Environment, Zakopane, 8-12 sept., 1997, in Radiation Technology for Conservation of the Environment, IAEA, TECDOC-1203, pag. 361-375, IAEA, Vienna, 1998
3. D. Martin, O. Ferdeş, R. Minea, A. Țîrlea, M. Badea, V. Bestea, **M. Ferdeş**, *Combined effects of microwave and electron beams on dehydration and microbial decontamination of some food materials*, Proceedings, International Symposium Energy and Food Industry, Budapesta, Ungaria, 14-16 sept. 1998, pag 140-147
4. **M. Ferdeş**, D. Martin, O. Ferdeş, A. Țîrlea, M. Badea, *The microwave effects on Monascus purpureus pigment*, Proceedings, International Symposium Energy and Food Industry, Budapesta, Ungaria, 14-16 sept. 1998, pag 148-152
5. Stoica, A., **M. Ferdeş**, M., Stroescu, M., Sandu, I.M., Sturzoiu, A.; *Survival of encapsulated Lactobacillus acidophilus în simulated gastrointestinal conditions*, Proceedings of 33<sup>rd</sup> International Conference of Slovak Society of Chemical Engineering, Tatranske Matliare, Slovakia, 22-26 May, 2006.
6. **M. Ferdeş**, Camelia Ungureanu, R. Anghel, A. Nan, *The planning and implementation of a quality – environment integrated management system in industrial units and other types of organizations*, SIMI International Symposium, "The Environment and Industry", pp. 223-229, ISSN 1843-5831, Editura Estfalia, Bucuresti, 28-30 Octombrie 2009
7. **M. Ferdes**, **O.Ferdes**, *The decrease of microbial charge in some spices by electron beam irradiation*, The 14 th ICIT International Conference "Progress in Cryogenics and Isotopes Separation", 2008, Calimanesti-Caciulata, pag 59-61
8. **M. Ferdes**, *Some properties of Monascus purpureus red rice-a natural food dye*, 2<sup>nd</sup> International Conference of Thermal Equipment, Renewable Energy and Rural Development, pag 163-166, Baile Olanesti, iunie 2013, ed. Printech, ISSN 1843-3359
9. G.Ipate, Gh.Voicu, E.M.Stefan, **M.Ferdes**, *Analysis and design of a biomass gasifier system using computational fluid dynamics*, 2<sup>nd</sup> International Conference of Thermal Equipment, Renewable Energy and Rural Development, pag 163-166, Baile Olanesti, iunie 2013, ed. Printech, ISSN 1843-3359

#### **G Lucrari publicate in volumele unor conferinte nationale**

1. **M. Ferdeş**, *Metodă de obținere a unui colorant alimentar utilizând o tulpină de Monascus purpureus*, Buletin Științific, vol II, ALTEXIM-I, Sibiu, 1998, pag. 289-294

2. O. Ferdeş, **M. Ferdeş**, ISO 9001:2000. *Noi concepții și tendințe în managementul calității pentru procesele alimentare și biotehnologice*, Sesiunea jubiliară de comunicări științifice "Realizări și perspective în ingineria sistemelor biotehnice", ISBTeh-2002, București, 2002, pag 170-173
3. **M. Ferdeş**, *Utilizarea subproduselor industriei agroalimentare pentru biosinteza în submers a unui aditiv de culoare din Monascus purpureus*, Sesiunea jubiliară de comunicări științifice "Realizări și perspective în ingineria sistemelor biotehnice", ISBTeh-2002, București, 2002, pag 212-215
4. **M. Ferdeş**, V. Dan, *Studiul pigmentogenezei la unele mutante de Monascus purpureus radioinduse*, Zilele Universității "Alexandru Ioan Cuza", Iași, 21 oct. 2000
5. **M. Ferdeş**, O. Ferdeş, *Reducerea încărcăturii microbiene în unele condimente prin iradiere cu un fascicul de electroni accelerați*, Conferința « Cercetarea științifică în condițiile integrării europene », Brăila, 2004
6. **M. Ferdeş**, *Influența sursei de carbon și azot asupra biosintezei pigmentilor din Monascus*, Conferința « Cercetarea științifică în condițiile integrării europene », Brăila, 2004
7. **M. Ferdeş**, M. Vulpe, A. Stoica, M. Stroescu, I. Sandu; *Survival of Lactobacillus acidophilus in simulated gastrointestinal conditions*, Simpozionul Național de Inginerie Chimică, Cluj Napoca, 3 iulie 2006 în cadrul Zilelor academice clujene (26 iunie-14 iulie 2006), publicată în lucrările simpozionului, p. 75-77 (ISBN 978-973-8915-18-13), Editura Accent, Cluj-Napoca.
8. **M. Ferdeş**, C. Ungureanu, *Studiul proprietăților antibacteriene și antifungice ale pigmentilor din Monascus purpureus*, vol. lucrări Conferința de Inginerie Biomedicală INGIMED, 9-10 noi. 2006 ISBN 10:973-8408-29-6
9. E. Mocanu, ș.a. **M. Ferdeş**, *Importanța colecțiilor de microorganisme ca surse pentru obținerea de produși naturali*, vol. lucrări Conferința de Inginerie Biomedicală INGIMED ,9-10 noi. 2006 ISBN 10:973-8408-29-6
10. **M. Ferdeş**, C. Ungureanu, *"Morpho-physiological characterisation of Monascus Purpureus strains obtained by radiomutagenesis"*, The First International Proficiency Testing Conference, Sinaia, 11 - 13 Octombrie, 2007, P 0065, pag 347-354, ISBN 978-973-8132-65-8
11. **M. Ferdeş**, C. Ungureanu, *Efectul diferitelor surse de carbon și azot asupra producției pigmentilor din Monascus purpureus in culturi submerse*, Romanian Biological Sciences, volIV, No3-4, p113-120,2007,ISBN 10-973-8408-28-8

## COMUNICARI STIINTIFICE NEPUBLICATE

a) la simpozioane internaționale

1. O. Ferdeş, **M. Ferdeş**, *Some theoretical and biotechnological aspects of enzyme irradiation*, 1 th International Congress in Biophysics and Biotechnology GAP, Diyarbakir, Turcia, 1991, pag. 63, în rezumate
2. O. Ferdeş, **M. Ferdeş**, *Some biophysical and biochemical aspects of enzymes gamma-irradiation*, 9 th Balkan Biochemical and Biophysical Days, 1992, Thessaloniki, Grecia, pag. 131, în rezumate
3. O. Ferdeş, **M. Ferdeş**, G. Turcu, *Gamma-rays action on alpha-amylases*, Congress of European Society of Radiological Biology, Erfurt, Germania, 1992, pag. 183, în rezumate
4. O. Ferdeş, **M. Ferdeş**, G. Turcu, *Some biophysical and biochemical aspects of enzymes gamma-irradiation*, 9 th BBBB Thessaloniki, Grecia, 1992, pag. 131, în rezumate
5. O. Ferdeş, R. Ciofu, L. Stroia, A. Ghering, **M. Ferdeş**, *Gamma-rays influence on sweet potato*, XXIV th Annual Meeting - European Society for New Methods in Agricultural Research, 12-16 sept. 1994, pag.18, în rezumate
6. **M. Ferdeş**, O. Ferdeş, *Red-pigment-producing Monascus ruber strains obtained by radiomutagenesis*, IRPA9, International Congress on Radiation Protection, 14-19 apr. 1996, Viena, Austria, vol. 4, pag.93, în rezumate
7. O. Ferdeş, **M. Ferdeş**, *Modelling the comparative behaviour of some enzymes at gamma-ray and e-beam irradiation*, IRPA9, International Congress on Radiation Protection, 14-19 apr. 1996, Viena, Austria, vol. 4, pag. 51, în rezumate
8. D. Martin, O. Ferdeş, S. Plămădeală, **M. Ferdeş**, R. Minea, A. Țirlea, M. Badea, *Electron-beam and microwave treatment of some microbial strains*, XXVIII th Annual Meeting - European Society for New Methods in Agricultural Research, 26-29 Aug. 1998, pag. 15, în rezumate
9. **M. Ferdeş**, O. Ferdeş, R. Minea, *Comparative Study on the thermal and Irradiation sterilization methods of the colouring additive from Monascus purpureus*, XXVIII th Annual Meeting - European Society for New Methods in Agricultural Research, 26-29 Aug. 1998, Brno, Czech Rep., pag. 12, în rezumate
10. O. Ferdeş, M. Badea, A. Țirlea, R. Minea, **M. Ferdeş**, G. Turcu, *Electron beam processing of dehydrated enzyme preparations*, 12 th International Conference on High-Power Particle Beams, Beams'98, Haifa,

Israel, 1998, pag. 400, în rezumate

11. O. Ferdeș, D. Martin, R. Minea, A. Țîrlea, M. Badea, V. Bestea, **M. Ferdeș**, *Comparative effects of microwave and electron beams on starch and different starch-based materials*, Physics of agro and food products (ed. A. Stepniewski), 1998, pag. 31, în rezumate
12. O. Ferdeș, **M. Ferdeș**, O. G. Dului, G. Turcu, I. Pădureanu, R. Minea, *Radiation-induced physical and kinetical modification of dehydrated enzymes*, 9<sup>th</sup> Tihany Symposium on Radiation Chemistry, 1998, pag. 56, în rezumate
13. O. Ferdeș, **M. Ferdeș**, O. G. Dului, I. Pădureanu, G. Turcu, *Radiation-induced physical and kinetical modification of dehydrated enzymes*, 4-th International Conference on Agro and Food Physics, 16-20 mai, 2000, Istambul, Turcia, pag. 43, în rezumate
14. **M. Ferdeș**, G. Ipate, *Selection of hydrolytic microorganisms from soil able to perform biodegradation of organic waste*, International Symposium INMA-ISB TECH Agricultural and Mechanical engineering, Bucuresti noi. 2013
15. **M. Ferdeș**, G. Ipate, *Biosynthesis and utilisation of pectolytic enzymes from Aspergillus niger in agro-food industry*, International Symposium INMA-ISB TECH Agricultural and Mechanical engineering, Bucuresti noi. 2013

b) simpozioane naționale

1. **M. Ferdeș**, *Studiul stabilității pigmentilor alimentari obținuți din Monascus purpureus*, Sesiunea Jubiliară: 50 Years University Level Education in Food Science, 16-18 oct. 1998, Galați, Editura Evrika, Brăila, pag. 237-238, rezumate
2. Aron B., Popescu M.I., Vlaicu Ioana, Anghel Rodica, **Ferdeș M**, Dumitrache F., *Utilizarea parametrilor numerici ai culorii aplicați pentru modelarea procesului unitar de fermentație alcoolică*. Simpozionul Internațional "Avantaje strategice ale tehnologiei informaționale și transferul de tehnologii în economia românească", Ediția a V-a, 22-24 octombrie 2002, București,
3. Aron B., Popescu M.I., Rusu C., Vlaicu Ioana, Anghel Rodica, Meliță Larisa, **Ferdeș M**, *Modelarea procesului unitar de fermentație alcoolică pentru obținerea vinului spumant rosé*. Simpozionul Internațional "Avantajele strategice ale tehnologiei informaționale și transferul de tehnologie în economia românească", Ediția a V-a, 22-24 octombrie 2002, București, p. 16, rezumate.
4. **M. Ferdeș** C. Ungureanu, *Pigmenții din Monascus purpureus - o alternativă naturală la coloranții naturali de sinteză*, vol. Progrese în știința compușilor organici și macromoleculari, Iași, sept 2006
5. **M. Ferdeș**, *Abordarea și dezvoltarea managementului calității în laboratoarele de cercetare și analize*, vol. Progrese în știința compușilor organici și macromoleculari, Iași, sept 2006