

LISTA DE LUCRĂRI ALE CANDIDATULUI

A. Lucrări științifice publicate în reviste cotate ISI cu factor de impact:

1. Mihaiu M., C. Bele, Alexandra Lapusan, Romolica Mihaiu, **S. D. Dan**, Carmen Taulescu, Cristian Matea, 2010, *Seasonal variations in the biochemical composition of buffalo milk*, Studia Universitatis Babes-Bolyai, Seria Chemia ISSN 1224-7154, ISSN online: 2065 – 9520, Vol. 55 (3): 197-205, IF 0.231.
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3. Marian Mihaiu, Alexandra Lapusan, Romolica Mihaiu, **Sorin Daniel Dan**, Carmen Jecan, Anamaria Cozma, 2012, *Protein characterization of Romanian buffalo milk compared to cow milk*, Studia Universitatis Babes-Bolyai, Seria Chemia, ISSN 1224-7154, ISSN online: 2065 – 9520, Vol. 57 (1), 205-212, IF 0.089.
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4. Alexandra Lăpușan, F. Tăbăran, **S. D. Dan**, Romolica Mihaiu, C. Cătoi, M. Mihaiu, 2013, Biochemical particularities found in buffalo milk fat globules using the confocal laser scanning microscopy, *Studia Universitatis Babes-Bolyai, Seria Chemia*, ISSN 1224-7154, Vol. LVIII (2): 53 – 59. IF 0.136.
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5. Alexandra Tăbăran, **Sorin D. Dan**, Romolica Mihaiu, Alexandru F. Tăbăran, Dana Liana Pusta, Marian Mihaiu, 2014, First detection of ryanodine receptor mutation in Mangalitsa crossbred pigs bred in Transylvania, *Turkish Journal Of Veterinary And Animal Sciences*, accepted for publication, IF: 0.316.
<http://mistug.tubitak.gov.tr/bdyim/kabul.php?dergi=vet>
6. Tăbăran A., V. A. Balteanu, E. Gal, R. Mihaiu, **S. D. Dan**, A. F. Tăbăran, M. Mihaiu, 2015, Influence of DGAT1 K232A polymorphism on milk fat percent and fatty acid profiles in Romanian Holstein cattle, *Animal Biotechnology*, ISSN 1049-5398 (Print), 1532-2378 (Online), vol. 26(2): 105-111. DOI: 10.1080/10495398.2014.933740. IF: 0.686.
<http://www.ncbi.nlm.nih.gov/pubmed/25380462>.
7. Liora Colobătiu, Ovidiu Oniga, Alexandra Tăbăran, Romolica Mihaiu, Simona Mirel, **Sorin Dan Daniel**, Marian Mihaiu, 2014, An Analysis of *Escherichia coli* Isolations for Antimicrobial Resistance Genes, *Journal of Food Safety*, Volume 34 (3): 233–238. <https://doi.org/10.1111/jfs.12118> IF: 0.863.
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8. **Dan S. D.**, Alexandra Tăbăran, Liora Mihaiu, Marian Mihaiu, 2015, *Antibiotic Susceptibility and Prevalence of some food-borne pathogens in poultry meat-Romania*, *J Infect Dev Ctries*, Print ISSN: 2036-6590 - Online ISSN: 1972-2680, 9(1): 035-041. doi:10.3855/jidc.4958, IF 1.267.
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10. Dana-Alina Magdas, Adriana Dehelean, Ioana Feher, Gabriela Cristea, R. Puscas, **S.D. Dan**, D.V. Cordea, 2016, *Discrimination markers for the geographical and species origin of raw milk within Romania*, International Dairy Journal, 61: 13-141. doi:10.1016/j.idairyj.2016.06.003. IF – 1.938.
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11. Alexandra Tabaran, M. Mihaiu, F. Tăbăran, Liora Colobatiu, Oana Reget, M.M. Borzan, **S. D. Dan**, 2017, *First study on characterization of virulence and antibiotic resistance genes in verotoxigenic and enterotoxigenic E. coli isolated from raw milk and unpasteurized traditional cheeses in Romania*, Folia microbiologica vol. 62(2): 145-150. DOI: 10.1007/s12223-016-0481-8. IF 1.521
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13. Alexandra Tăbăran, I. V. Cordiș, Anca Becze, **S.D. Dan**, Oana Reget, G. Ile, Dana Liana Pusta, I.Pasca, M. Borzan, M. Mihaiu, 2018. *Evaluation of polycyclic aromatic hydrocarbons in pork meat products obtained in traditional systems in Romania*. Studia Universitatis Babes-Bolyai, Chemia, Vol 63 (1): 189-198. IF 0.305
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15. Magdas Dana Alina, Ioana Feher, Gabriela Cristea, Cezara Voica, Alexandra Tabaran, M. Mihaiu, D.V. Cordea, V.A., Balteanu, **S.D. Dan**, 2019. *Geographical origin and species differentiation of Transylvanian cheese. Comparative study of isotopic and elemental profiling vs. DNA results*. Food Chemistry, Volume: 277: 307-313. DOI: 10.1016/j.foodchem.2018.10.103. IF 5.399.
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16. Oana Reget, Ionuț Cordiș, **Sorin Daniel Dan**, Marian Mihaiu, Flaviu Tăbăran, Alexandra Tăbăran. 2020. *Comparative evaluation of nutritional and quality factors of pork meat products obtained traditionally in Romania and in the industrial system*. Rom Biotechnol Lett. 2020; 25(1): 1260-1266. doi: 10.25083/rbl/25.1/1260.1266. IF 0.765.
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B. Lucrări științifice publicate în reviste indexate ISI fără factor de impact (ISI proceedings):

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2. Mihaiu M., O. Rotaru, Romolica Mihaiu, **S.D. Dan**, 2002, *Evaluation concerning milk's production and quality obtained production units of Cluj county*, Buletin USAMV-CN, ISSN 1454-2383, vol. 57: 130-133.
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3. Rotaru O., M. Mihaiu, **S.D. Dan**, Ligia Luciana Cristian, 2003. *Mononuclear fagocyte system in milk*, simpozion, Buletin USAMV-CN, ISSN 1454-2383, vol. 57: 109-114. https://apps-webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E3jpYXEcugwbTfjQJUF&page=3&doc=30
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6. **Dan S. D.**, O. Rotaru, Diana Sabau, M. Mihaiu, G. Zegrean, 2005, *Researches regarding the importance of psychrotrophic microflora in pork*, Bul. USAMV-CN, ISSN 1454-2382, vol. 62: 391-396.
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7. Zegrean G, O. Rotaru, **S.D. Dan**, 2005, *The monitoring and evaluation of some milk quality parameters obtained from Alba, Bihor and Cluj county farms*, Bul. USAMV-CN, ISSN 1454-2382, vol. 62: 604-607.
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8. Mihaiu M., Romolica Mihaiu, **S.D. Dan**, 2005, *The number of somatic cells and total number of germs found in milk gathered in commercial farms*, Bul. USAMV-CN, ISSN 1454-2382, vol. 62: 479-481.
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12. Mihaiu M., Romolica Mihaiu, **S. D. Dan**, C. Bele, Ioana Crisan – 2006, *Investigations on functional components in milk collected from buffalo cows*, Buletinul USAMV-CN, ISSN 1454-2382, vol. 63: 328-332.

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C. Lucrări științifice publicate în reviste indexate BDI (CABI, Centre for Agriculture and Biosciences International):

1. Mihaiu M., O. Rotaru, **S.D. Dan**, 2001, *The Veterinary Public Health In The New Millenium*, Bulletin USAMV Cluj Napoca, serie Medicină Veterinară, ISSN 1454-2382, Vol. 55-56: 165-167. <http://www.cabdirect.org/abstracts/20043101200.html?resultNumber=20&order=relevance&q=%22dan+s.d.%22&rows=75>.
2. Rotaru O., M. Mihaiu, **S.D. Dan**, O. Bondor, 2001, *The cytological and morphology of mammary secretion before and after parturition in cow*, Bulletin USAMV Cluj Napoca, serie Medicină Veterinară, ISSN 1454-2382, Vol. 55-56: 104-109. <http://www.cabdirect.org/abstracts/20043101170.html?resultNumber=44&order=relevance&start=0&q=%22dan+s.d.%22&rows=75>
3. Rotaru O, **S. D. Dan**, M. Mihaiu, 2002, *Cytomorphological study of milk by vital stain*, Revista Clujul medical veterinar, ISSN 1454-2382, vol. 6: 13-15. <http://www.cabdirect.org/abstracts/20043101247.html?resultNumber=21&order=relevance&q=%22dan+s.d.%22&rows=75>.
4. Rotaru O., **S. D. Dan**, A. Bloj, 2002, *Cytology of milk, expression of milk hygiene - Citologia laptelui, expresie a sănătății acestuia*, Revista Clujul Medical Veterinar, ISSN 1454-2382, vol. 6: 13-15.
5. **Dan S.D.**, 2003, *Microbiology of fresh red meats*, 4th International Conference of PHD Students, University of Miskolc, Hungary, 11-17 August, pp.25-30.
6. Mihaiu M., **S.D. Dan**, Romolica Mihaiu, Ioana Dalea, 2007, *The tipicity and selectivity of probiotic bacteria from acid dairy products*, Buletinul USAMV-CN, Print ISSN 1843-5270, Electronic ISSN 1843- 5378, vol. 64 (1-2): 484-487. <http://journals.usamvcluj.ro/index.php/veterinary/article/view/2480/2299>

7. Mihaiu Romolica, M. Mihaiu, **S. D. Dan**, A. Silivestru, 2007, *Researche concerning Nasal traditional cheese's quality and tipicity*, Bul. USAMV-CN, ISSN 1454-2382, vol. 64: 473-478.
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9. **Dan S.D.**, M. Mihaiu, O. Rotaru, Ioana Dalea, 2008, *Evaluation of microbiological load and configuration of raw milk from collecting centers in Cluj county*, Bulletin USAMV Veterinary Medicine, pISSN 1843-5270; eISSN 1843-5378, vol. 65 (2): 246-252.
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<http://journals.usamvcluj.ro/index.php/veterinary/article/view/1551/1522>
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13. Mihaiu M., V. Miclaus, O. Rotaru, **S. D. Dan**, Romolica Mihaiu, Alexandra Lapusan, Raluca Florina Gherman, Crina Corbeanu, Carmen Jecan, 2009, *Experimental Models Regarding Cardiovascular Diseases Prevention through Guided Diet*, Bulletin USAMV Veterinary Medicine, ISSN 1843-5378, vol. 66 (2): 282-287.
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17. **Dan S. D.**, M. Mihaiu, Carmen Jecan, Alexandra Lapusan, O. Rotaru, 2009, *The evalution of the hygienic quality of raw milk destined for procesing in a diary plant from Transylvania*, Bulletin USAMV Veterinary Medicine ISSN 1843-5378, vol. 66 (2): 268-275.
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21. Carmen Taulescu, M. Mihaiu, C. Bele, C. Manea, **S. D. Dan**, Romolica Mihaiu, Alexandra Lăpusan, Ana Ciupa, 2010, *Manipulating the fatty acid composition on poultry meat for improving consumer's health*, Bulletin USAMV Veterinary Medicine ISSN 1843-5378, vol. 67 (2): 220-225.
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30. Alexandra Lapusan, M. Mihaiu, Romolica Mihaiu, **S. D. Dan**, Carmen Taulescu, 2011, *Researches concerning a RT-PCR method for identifying the ryanodine gene polymorphism responsible for PSE meat*, Bulletin UASVM, Veterinary Medicine pISSN 1843-5270; eISSN 1843-5378, vol. 68 (2): 197-202.
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