

LISTA COMPLETĂ A LUCRĂRILOR ȘTIINȚIFICE PUBLICATE	<p style="text-align: center;">Grădinaru Andrei Cristian <i>Examen de promovare în cariera didactică pentru ocuparea postului de Șef de lucrări poziția VIII/14</i></p>
TEZA DE DOCTORAT	Evaluarea reziduurilor de antibiotice și xenobiotice elementare din lapte și produse de lapte și a riscului lor pentru consumatori
CĂRȚI	<p>1) A.C. Grădinaru, D.E. Ilie, 2018 - <i>Analiza hibridologică și moleculară în identificarea genelor și genotipurilor la organismele superioare</i>, Editura Bioflux, Cluj-Napoca, ISBN 978-606-8887-35-7;</p> <p>2) I.V. Petrescu-Mag, A.C. Grădinaru, 2018 - <i>Ecotoxicologie - lucrări practice</i>, Editura Bioflux, Cluj-Napoca, ISBN 978-606-8887-41-8.</p> <p>3) A.C. Grădinaru, 2017 - <i>Baze citologice și moleculare în genetica medicală veterinară</i>, Editura Bioflux, Cluj-Napoca, ISBN 978-606-8887-06-7.</p> <p>4) A.C. Grădinaru, S. Popa, 2017 - <i>Citogenetică clasică și moleculară - concepte și abordări practice</i>, Editura Bioflux, Cluj-Napoca, ISBN 978-606-8887-16-6.</p> <p>5) A.C. Grădinaru, Gh. Solcan, E. Guguianu, S.I. Beșchea Chiriac, 2016 - <i>Toxicologie și toxiinfecții alimentare-Lucrări practice</i>, Editura Ion Ionescu de la Brad, Iași, ISBN 978-973-147-246-1.</p>
CAPITOLE ÎN CĂRȚI PUBLICATE LA EDITURI INTERNAȚIONALE	<p>6) A.C. Grădinaru, 2017 - <i>Antibiotics - between usefulness and factors of environmental pressure due to their residues in milk</i>, In: A.Ozunu, I.A.Nistor, D.C.Petrescu, P.Burny, & R.M.Petrescu-Mag, eds., <i>Resilient Society. Environment and Human Action Series</i>, Gembloux, Belgium; Cluj-Napoca, România: Les Presses Agronomiques de Gembloux (ISBN 978-2-87016-148-7); Bioflux (ISBN 978-606-8887-08-1), pp. 69-79.</p>
ARTICOLE ÎN REVISTE COTATE ISI CU FACTOR DE IMPACT	<p>7) C.M. Grădinaru, A.A. Șerbănoiu, D.T. Babor, G.C. Sârbu, I.V. Petrescu-Mag, A.C. Grădinaru, 2019 - <i>When agricultural waste transforms into an environmentally friendly material: The case of green concrete as alternative to natural resources depletion</i>, Journal of Agricultural and Environmental Ethics, ISSN 1187-7863, https://doi.org/10.1007/s10806-019-09768-1, ISI Impact Factor = 1,240 (2017) (<i>Jurnal în zona 1, top 9 pentru categoria „History and Philosophy of science”, în zona 2, top 15 pentru categoria „Ethics”, în zona 2, top 17 pentru categoria „Agriculture, Multidisciplinary”</i>). http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=D1knSG6Z3tM9UaavEuw&page=1&doc=1</p> <p>8) A.C. Grădinaru, I.V. Petrescu-Mag, F.C. Oroian, C. Balint, I. Oltean, 2018 - <i>Milk protein polymorphism characterization: a modern tool for sustainable conservation of endangered Romanian cattle breeds in the context of traditional breeding</i>, Sustainability, 10(2):534, doi: 10.3390/su10020534, E-ISSN 2071-1050, ISI Impact Factor = 2,075 (2017) (<i>Jurnal în zona 2, top 47 pentru categoria „Environmental Studies”</i>) https://apps.webofknowledge.com/full_record.do?product=WOS&search</p>

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9) **A.C. Grădinaru**, D.E. Ilie, Șt. Creangă, **2015** - *The effect of casein genotypes selection on the genetic structure of Romanian Spotted, Holstein Friesian and Montbéliarde cattle populations and the genetic variability of kappa-casein and beta-lactoglobulin in Romanian Grey Steppe*, Research Journal of Biotechnology, 10(5):91-98, E-ISSN 2278-4535, **ISI Impact Factor = 0,242 (2015)** (*Jurnal în zona 3, top 157 pentru categoria „Biotechnology & Applied Microbiology”*)

[https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C6MkZg9s6LKafhSKjpe
&page=1&doc=4](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C6MkZg9s6LKafhSKjpe&page=1&doc=4)

10) D. Simeanu, I.M. Pop, **A.C. Grădinaru**, C. Simeanu, **2015** - *Ecological vs. conventional broiler chickens system rearing in Romania*, Research Journal of Biotechnology, 10(12):6-13, E-ISSN 2278-4535, **ISI Impact Factor = 0,242 (2015)** (*Jurnal în zona 3, top 157 pentru categoria „Biotechnology & Applied Microbiology”*)

[https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C6MkZg9s6LKafhSKjpe&page=1
&doc=2](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C6MkZg9s6LKafhSKjpe&page=1&doc=2)

11) **A.C. Grădinaru**, D.E. Ilie, Șt. Creangă, **2013** - *Milk protein genetic variants in Romanian Spotted, Holstein Friesian and Montbéliarde cows and some correlations with milk parameters*, Research Journal of Biotechnology, 8(11):3-9, E-ISSN 2278-4535, **ISI Impact Factor = 0,262 (2013)** (*Jurnal în zona 3, top 157 pentru categoria „Biotechnology & Applied Microbiology”*)

[https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C6MkZg9s6LKafhSKjpe
&page=1&doc=6](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C6MkZg9s6LKafhSKjpe&page=1&doc=6)

12) **A.C. Grădinaru**, O. Popescu, Gh. Solcan, **2011** - *Variation analysis of heavy metal residues in milk and their incidence in milk products from Moldavia, Romania*, Environmental Engineering and Management Journal, 10(10):1445-1450, ISSN 1582-9596, **ISI Impact Factor = 1,004 (2011)** (*Jurnal în zona 3, top 179 pentru categoria „Environmental Sciences”*)

[https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=C6MkZg9s6LKafhSKjpe
&page=1&doc=3](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=C6MkZg9s6LKafhSKjpe&page=1&doc=3)

13) **A.C. Grădinaru**, O. Popescu, Gh. Solcan, **2010** - *Heavy metal residues in milk from dairy farms of Moldavia, Romania*, Environmental Engineering and Management Journal, 9 (7):915-920, ISSN 1582-9596, **ISI Impact Factor = 1,435 (2010)** (*Jurnal în zona 3, top 179 pentru categoria „Environmental Sciences”*)

[https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=C6MkZg9s6LKafhSKjpe
&page=1&doc=4](https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=C6MkZg9s6LKafhSKjpe&page=1&doc=4)

<p>ARTICOLE PUBLICATE ÎN ABSTRACT ÎN REVISTE ISI CU FACTOR DE IMPACT</p>	<p>14) D.E. Ilie, Șt. Creangă, A.C. Grădinaru, S.I. Borș, D.L. Dascălu, D. Chirilă, A. Cean, 2014 - <i>Genetic diversity of Romanian Grey Steppe cattle based on milk protein polymorphism</i>, Journal of Biotechnology, 185S:S49, ISSN 0168-1656, ISI Impact Factor = 2,884 (2014) (<i>Jurnal în zona 2, top 60 pentru categoria „Biotechnology & Applied Microbiology”</i>) https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=C6MkZg9s6LKafhSKjpe&page=1&doc=2</p>
<p>ARTICOLE FULL TEXT ÎN VOLUME ALE UNOR CONFERINȚE INTERNAȚIONALE ÎN CURS DE INDEXARE ISI</p>	<p>15) C.M. Helepciuc (Grădinaru), D. Babor, A.C. Grădinaru, 2018 - <i>Poly-ethylene terephthalate waste recycling for environment protection and sustainable building activities</i>, Modern Technologies for the 3rd Millennium, pp.285-290, 22-23 March 2018, Oradea, România. 16) A.C. Grădinaru, C.M. Helepciuc (Grădinaru), V. Ciocan, I. Radinschi, 2018 - <i>Choosing a teaching career in higher education – a challenge of motivational and non-motivational factors</i>, ICERI 2018 Proceedings, pp. 562-566, 11th annual International Conference of Education, Research and Innovation, 12-14 November 2018, Seville, Spain. 17) C.M. Helepciuc (Grădinaru), M. Bărbuță, V. Ciocan, A.A. Șerbănoiu, A.C. Grădinaru, 2017 - <i>Health and environmental effects of heavy metals resulted from fly ash and cement obtaining and trials to reduce their pollutant concentration by a process of combining-exclusion</i>, 17th International Multidisciplinary Scientific Geoconference SGEM, Conference Proceedings Volume 17: <i>Ecology, Economics, Education and Legislation</i>, Issue 52: Ecology and Environmental Protection, pp.441-447, 29 June-05 July 2017, Albena, Bulgaria.</p>
<p>ARTICOLE PUBLICATE ÎN ABSTRACT ÎN VOLUME ALE UNOR CONFERINȚE INTERNAȚIONALE FĂRĂ INDEXARE ISI</p>	<p>18) C.M. Helepciuc (Grădinaru), M. Bărbuță, E. Antohie, D. Babor, A.A. Șerbănoiu, A.C. Grădinaru, 2018 - <i>Environmental ethics and sustainable development in building industry: a case study of agricultural waste using as an alternative to natural resources depleting</i>, 12th International Conference: Environmental Legislation, Safety Engineering and Disaster Management (ELSEDIMA), Faculty of Environmental Science and Engineering, Babeș-Bolyai University, 17-19 May 2018, Cluj-Napoca, România. 19) A.C. Grădinaru, Șt. Creangă, H.R. Brandt, G. Erhardt, 2012 - <i>Genetic polymorphism of milk protein loci in Holstein Friesian and Montbéliarde Romanian cattle populations</i>, The 25-th International Conference „Genetic Days”, 18-20 September 2012, Wroclaw, Poland.</p>

ARTICOLE PUBLICATE ÎN
REVISTE INDEXATE BDI

- 20) **A.C. Grădinaru**, I.V. Petrescu-Mag, **2017** - *Various traits in rabbits were reported to inherit according to a linkage relation among loci. A review study focused on Albinism and Dominant White Spotting loci*, Rabbit Genetics, 7(1):7-11, ISSN 2248-3098.
- 21) **A.C. Grădinaru**, **2017** - *The Transylvanian Giant Rabbit: an efficient selection for qualitative and quantitative genetic traits*, Rabbit Genetics, 7(1):1-6, ISSN 2248-3098.
- 22) **A.C. Grădinaru**, **2017** - *Milk processing involves biochemical reactions and is influenced by genetic polymorphism in major proteins*, ABAH Bioflux, 9(1):13-21, ISSN 2066-7612, E-ISSN 2067-6344.
- 23) **A.C. Grădinaru**, **2017** - *Is there possible a milk improvement in Romanian Buffalo using genetic markers?*, ABAH Bioflux, 9(1):9-12, ISSN 2066-7612, E-ISSN 2067-6344.
- 24) **A.C. Grădinaru**, **2017** - *Cows' mastitis and its therapeutics: A survey study*, ABAH Bioflux, 9(2):77-82, ISSN 2066-7612, E-ISSN 2067-6344.
- 25) **A.C. Grădinaru**, Șt. Creangă, Gh. Solcan, **2015** - *Milk - a review on its synthesis, composition, and quality assurance in dairy industry*, HVM Bioflux, 7(3):173-177, ISSN 2066-7655, E-ISSN 2066-7663.
- 26) C. Simeanu, B. Păsărin, D. Simeanu, **A.C. Grădinaru**, **2015** - *Polyodon spathula - a review on its biodiversity, meat quality, and environmental impact in Romania*, AACL Bioflux, 8(6):952-959, ISSN 1844-8143, E-ISSN 1844-9166.
- 27) **A.C. Grădinaru**, Șt. Creangă, S.I. Săplăcan, Gh. Solcan, **2015** - *Quality management for safety food and healthy consumers*, Lucr.Stiinț.Seria Zootehnie, 64(20):149-153, ISSN 1454-7368.
- 28) C. Simeanu, D. Simeanu, **A.C. Grădinaru**, **2015** - *The assessment of Polyodon spathula growing technology in their different ages of life*, Lucr.Stiinț.Seria Zootehnie, 64(20):124-129, ISSN 1454-7368.
- 29) **A.C. Grădinaru**, D.E. Ilie, Șt. Creangă, **2014** - *Genetic diversity and phylogenetic relationships based on milk protein genetic variants in Romanian Spotted, Holstein Friesian and Montbéliarde cows*, Lucr.Stiinț.Seria Zootehnie, 61(19):35-38, ISSN 1454-7368.
- 30) D.E. Ilie, A. Cean, O.I. Gavriliuc, A.C. Cârstea, **A.C. Grădinaru**, **2013** - *High-Resolution Melting Assay as a tool for identification of CSN3 genotypes in cattle population*, Scientific Papers: Animal Science and Biotechnologies, Timișoara, 46(1):102-105, ISSN: 1221-5287, E-ISSN 1841-9364.
- 31) **A.C. Grădinaru**, O. Popescu, Șt. Creangă, **2012** - *The subclinical mastitis effect on milk quality from primiparous Holstein Friesian Romanian cattle populations*, Lucr.Științ.Med.Vet., 55(3-4):559-565, ISSN 1454-7406.
- 32) **A.C. Grădinaru**, O. Popescu, Șt. Creangă, **2012** - *Correlations between kappa-casein and beta-lactoglobulin genotypes and mastitis incidence in Holstein Friesian and Montbéliarde Romanian cattle populations*, Lucr.Științ.Med.Vet., 55(3-4):566-573, ISSN 1454-7406.
- 33) **A.C. Grădinaru**, O. Popescu, Gh. Solcan, **2011** - *Antibiotic residues in milk from Moldavia, Romania*, HVM Bioflux, 3(2):133-141, ISSN 2066-7655, E-ISSN 2066-7663.
- 34) **A.C. Grădinaru**, T. Bugeac, **2011** - *Epidemiological observations on the subclinical mastitis incidence and other diseases*

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	<p><i>in correlation with some productive indicators of Holstein Frisian cows with first lactation finished</i>, Lucr.Științ.Med.Vet., 54(3):79-86, ISSN 1454-7406.</p> <p>35) A.C. Grădinaru, S. Havriștiuc, O. Popescu, 2009 - <i>Evaluarea incidenței reziduurilor de antibiotice din lapte și a influenței lor asupra unor indici de calitate ai laptelui-materie primă ca parte a aplicării principiilor HACCP</i>, Lucr.Științ.Med.Vet., 52(11):947-949, ISSN 1454-7406.</p> <p>36) A.C. Grădinaru, Gh. Solcan, A. Munteanu, O. Popescu, 2009 - <i>Evaluarea unor reziduuri de xenobiotice elementare (Pb,Cu,Cd,Zn) în laptele de colectură recoltat din zona Moldovei</i>, Lucr.Științ.Med.Vet., 52(11):950-952, ISSN 1454-7406.</p> <p>37) A. Munteanu, A.C. Grădinaru, Gh. Solcan, 2009 - <i>Observații privind prezența reziduurilor de pesticide organoclorurate în lapte în zona Moldovei</i>, Lucr.Științ.Med.Vet., 52(11):1011-1013, ISSN 1454-7406.</p> <p>38) A.C. Grădinaru, R. Lazăr, O. Popescu, P.C. Boișteanu, L. Dohotariu, 2007 - <i>Evaluation of the open market milk quality by measurement of some physico - chemical parameters</i>, Lucr.Științ.Med.Vet., 50 (9):173-176, ISSN 1454-7406.</p> <p>39) A.C. Grădinaru, M.S. Voloșeniuc, M. Sofronie, E. Ruginosu, L.Gh. Runceanu, O. Popescu, 2007 - <i>Observații comparative privind incidența mastitelor la vaci</i>, Rev.Rom.Med.Vet., 3:161-170, ISSN 1220-3173.</p>
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29.05.2019

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