



Articole/studii in extenso, publicate în reviste și volumele unor  
manifestări științifice indexate BDI

2020

1. Alda Liana Maria, Alda S., Bordean Despina Maria, Moatar Mihaela, Ghilici C., Cristea T., Sirbulescu Claudia, The effect of thermal processing on the antioxidant properties of *Beta vulgaris* and *Raphanus sativus*, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(2), 51 - 54, <https://journal-hfb.usab-tm.ro/>
2. Alda Liana Maria, Alda S., Bordean Despina Maria, Moatar Mihaela, Ghilici C., Cristea T., Sirbulescu Claudia, Cherries as a source of iron, copper and zinc, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(2), <https://journal-hfb.usab-tm.ro/>
3. Alda Liana Maria, Bordean Despina Maria, Moigradean Diana, Cristea T., Danci M., Susman D., Alda S., The effect of thermal processing on the antioxidant properties of white and red cabbage, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(2), 55 - 58, <https://journal-hfb.usab-tm.ro/>
4. Alda S., Scedei Daniela, Rada Maria, Manea D., Moatâr Mihaela, Sandru Mărioara, Bordean Despina Maria, Cherries as a source of macroelements, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(2), 63 - 66, <https://journal-hfb.usab-tm.ro/>
5. Alexandra Oana Duică, Larisa Mărmăneanu, Giorgiana Ciortan, Sofia Pintilie, Ersilia Alexa, Ariana Velcirov, Antoanela Cozma, Comparative study concerning the use of tomato juice added to food products of animal origin, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 363-367, [https://www.journal-of-agroalimentary.ro/admin/articole/41363L56\\_Duica\\_Alexandra\\_2020\\_26\(4\)\\_363-367.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/41363L56_Duica_Alexandra_2020_26(4)_363-367.pdf)
6. Alexandru Grigorescu, Sorin Voia, Ioan Pet, Iulia Tudora, Ionela Hotea, Adela Marcu, Calin Julean, Ducu Sandu Ștef, Nicolae Pacala, Marioara Nicula, Adrian Grozea, Lavinia Ștef, The effect of ration supplementation for lactating ewes with protected fats and conjugated linoleic acid on some blood parameters in suckling lambs, *Scientific Papers: Animal Science and Biotechnologies*, **2020**, 53(2), <https://www.spasb.ro/index.php/spasb/article/view/2663>
7. Alin Milcomete, Lavinia Ștef, Eliza Simiz, Ioan Pet, Adela Marcu, Ducu Ștef, Marioara Nicula, Adrian Grozea, Voichița Gherasim, Călin Julean, Effect of Fennel and Sage Essential Oil on Nutritive and Bioproductive Indices of Broiler Chickens, *Scientific Papers: Animal Science and Biotechnologies*, **2020**, 53(2), <https://www.spasb.ro/index.php/spasb/article/view/2680>
8. Antoanela Cozma, Casiana Mihuț, V. D. Mircov, A. Okros, Florina Radu, B. Cozma, L. Niță, Laura Șmuleac, Translocation of some heavy metals from the soil in root vegetables in the plain area of Banat, *Research Journal of Agricultural Science*, **2020**, 52(2), [https://rjas.ro/issue\\_detail/53](https://rjas.ro/issue_detail/53)
9. Augustina Pruteanu, Valentin Vladut, Petru Cardei, Despina Bordean, General Tendencies of the Behaviour of Vegetables Developed in a Soil Contaminated with Heavy Metals, **2020**, *Rev. Chim.*, 71(2), 85-90, <https://doi.org/10.37358/RC.20.2.7897>, <https://revistadechimie.ro/pdf/15%20PRUTEANU%20A%20%202020.pdf>
10. Aurica Breica Borozan, Despina-Maria Bordean, Gabriel Bujanca, Delia Dumbrava, Sorina Popescu, Control of plants of lotus corniculatus l. on aerobic and anaerobic free nitrogen-fixing bacteria, *Proceedings GEOLINKS International Conference 2020*, Book 1, Volume 2, <https://www.scribd.com/document/482984668/Control-of-Plants-of-Lotus-Corniculatus-l-on-Aerobic-and-Anaerobic-Free-Nitrogen-fixing-Bacteria>
11. Aurica Breica, Popescu Sorina, Raba Diana, Popa Mirela, Belu-Borozan R., Molnar L. Șt., Madoșă E., Microbiological Analysis for Some Premixes Containing Red Blueberries, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(1), <https://journal-hfb.usab-tm.ro/>
12. Casiana – Damaris Martinescu, Natalia-Roxana Sârbu, Ariana- Bianca Velcirov, Daniela Stoin, Nutritional and sensory evaluation of gluten-free cake obtained from mixtures of rice flour, almond flour and arrowroot flour, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 368-374, [https://www.journal-of-agroalimentary.ro/admin/articole/12459L57\\_Casiana\\_Damaris\\_Martinescu\\_2020\\_26\(4\)\\_368-374.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/12459L57_Casiana_Damaris_Martinescu_2020_26(4)_368-374.pdf)

13. Ciprian Ioan Rujescu, Dora Manuela Orboi, Iuxel Vijiac, Simona Cristina Constantinescu, Nicoleta Gabriela Hădărugă, Labor market analysis in the Western Development Region of Romania. Graduates of the educational system in the Western Development Region of Romania, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(1), 06-09, [https://www.journal-of-agroalimentary.ro/admin/articole/74928L2\\_Rujescu\\_Ciprian\\_2020\\_26\(1\)\\_6-9.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/74928L2_Rujescu_Ciprian_2020_26(1)_6-9.pdf)
14. Claudia I. Oprinescu, Daniel Ioan Hădărugă, Nicoleta Gabriela Hădărugă, A critical review on the antioxidant analysis and composition of *Vitis species*, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(3), 429-440, [https://www.journal-of-agroalimentary.ro/admin/articole/45536L66\\_Claudia\\_Oprinescu\\_2020\\_26\(3\)\\_429-440.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/45536L66_Claudia_Oprinescu_2020_26(3)_429-440.pdf)
15. Cosmina Andrea Chirilă, Raymond Nandy Szakal, Daniel Ioan Hădărugă, Nicoleta Gabriela Hădărugă, Influence of growing and processing factors on the fatty acid profile of poultry lipids, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(2), 74-81, [https://www.journal-of-agroalimentary.ro/admin/articole/99983L13\\_Cosmina\\_Chirila\\_2020\\_26\(2\)\\_74-81.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/99983L13_Cosmina_Chirila_2020_26(2)_74-81.pdf)
16. Cosmina Andrea Chirilă, Raymond Nandy Szakal, Nicoleta Gabriela Hădărugă, Classical versus modern analysis of poultry lipids – a review, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(2), 60-73, [https://www.journal-of-agroalimentary.ro/admin/articole/85213L12\\_Cosmina\\_Chirila\\_2020\\_26\(2\)\\_60-73.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/85213L12_Cosmina_Chirila_2020_26(2)_60-73.pdf)
17. Cristina-Ramona Metzner Ungureanu, Andreea Ioana Lupitu, Cristian Moisa, Diana Moigradean and Mariana-Atena Poiana, Studies concerning the impact of the origin region on antioxidant properties of blackberries and blueberries, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 313-318, [https://www.journal-of-agroalimentary.ro/admin/articole/84775L47\\_Cristina\\_Metzner\\_Ungureanu\\_2020\\_26\(4\)\\_313-318.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/84775L47_Cristina_Metzner_Ungureanu_2020_26(4)_313-318.pdf)
18. Daniela Stoin, Călin Jianu, Ariana – Bianca Velcirov, Ileana Cocan, Sensorial and nutritional quality of gluten-free cookies developed from rice and coconut flour mixtures, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 397-405, [https://www.journal-of-agroalimentary.ro/admin/articole/23028L61\\_Daniela\\_Stoin\\_2020\\_26\(4\)\\_397-405.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/23028L61_Daniela_Stoin_2020_26(4)_397-405.pdf)
19. Delia-Gabriela Dumbravă, Camelia Moldovan, Viorica-Mirela Popa, Diana-Nicoleta Raba, Adina Berbecea, Ileana Cocan, Ersilia-Călina Alexa, Bogdan-Petru Rădoi, Diana-Veronica Dogaru, Innovative shrimp products: physico-chemical and nutritional characterisation, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(3), 168-174, [https://www.journal-of-agroalimentary.ro/admin/articole/98565L28\\_Dumbrava\\_Delia\\_2020\\_26\(3\)\\_168-174.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/98565L28_Dumbrava_Delia_2020_26(3)_168-174.pdf)
20. Delia-Gabriela Dumbravă, Despina-Maria Bordean, Camelia Moldovan, Viorica-Mirela Popa, Diana-Nicoleta Raba, Adina Berbecea, Ileana Cocan, Ersilia-Călina Alexa, Content of total polyphenols, vitamin C, mineral elements and the antioxidant activity of some dried fruits from the Romanian market, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 325-329, [https://www.journal-of-agroalimentary.ro/admin/articole/72090L49\\_Delia\\_Dumbrava\\_2020\\_26\(4\)\\_325-329.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/72090L49_Delia_Dumbrava_2020_26(4)_325-329.pdf)
21. Despina Bordean, Aurica Breica Borozan, Gabriel Bujanca, Camelia Cioban, Delia-Gabriela Dumbrava, Effects of boiling and roasting on crude proteins, total antioxidant capacity and total polyphenols content of potato tubers, *Proceedings GEOLINKS International Conference 2020*, Book 1, Volume 2, <https://www.scribd.com/document/482984671/Effects-of-Boiling-and-Roasting-on-Crude-Proteins>
22. Dina Gligor (Pane), Daniel Ioan Hădărugă, Nicoleta Gabriela Hădărugă, Quality and authenticity of the forest fruits through antioxidant compounds – a review on chemometric tools, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(3), 251-257, [https://www.journal-of-agroalimentary.ro/admin/articole/75150L37\\_Dina\\_Gligor\\_2020\\_26\(3\)\\_251-257.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/75150L37_Dina_Gligor_2020_26(3)_251-257.pdf)
23. Dorin Rechițean, Cristian Bostan, Nicolae Marinel Horablaga, Luminița Cojocariu, Maria - Despina Bordea, Petre Rain, Evaluation of the manifestation of agrobiological characters in a collection of birdsfoot trefoil (*Lotus corniculatus* L.), *Life Science and Sustainable Development*, **2020**, 1(2), <http://lssd-journal.com/index.php/lssd/article/view/24>
24. Georgeta Sofia Popescu, Georgiana Ciortan, Ariana Velcirov, Ersilia Alexa, Ionela Hotea, Antoanela Cozma, Lia Rotariu, Chemical, physicochemical, and nutritional characteristics of some sausage types, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 330-334, [https://www.journal-of-agroalimentary.ro/admin/articole/1042L50\\_Sofia\\_Popescu\\_2020\\_26\(4\)\\_330-334.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/1042L50_Sofia_Popescu_2020_26(4)_330-334.pdf)
25. Georgiana Ciortan, Alexandra Duica, Paul Petridean, Adelina Coaca, Ariana Velcirov, G. Sofia Popescu, Antoanela Cozma, Delia Dumbrava, Development and characterization of an innovative prototype of pork sausage, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 375-379, [https://www.journal-of-agroalimentary.ro/admin/articole/40200L58\\_Georgiana\\_Ciortan\\_2020\\_26\(4\)\\_375-379.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/40200L58_Georgiana_Ciortan_2020_26(4)_375-379.pdf)
26. I. Gherman, Ersilia Alexa, Ileana Cocan, Monica Negrea, Petru Bogdan Rădoi, Alexandru E. Rinovetz, Effect of Mixing Coffee with Some Therapeutic Potential Plants on Some Quality Indicators of the End Product: A Case Study, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 335-342, [https://www.journal-of-agroalimentary.ro/admin/articole/21733L51\\_Rinovetz\\_Alexandru\\_2020\\_26\(4\)\\_335-342.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/21733L51_Rinovetz_Alexandru_2020_26(4)_335-342.pdf)

27. Laura Rădulescu, Simelda Elena Zippenfening, Cristina Liliana Mitroi, Daniel Ioan Hădărugă, Ariana Bianca Velciov, Florinela Anamaria Beucă, Ana Maria Sperlea, Ionela Diana Puiu, Nicoleta Gabriela Hădărugă, Evaluation of the moisture content and drying kinetics for “cereal flakes” food products marketed in the Western Romania - indicator for quality control, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(1), 10-16, [https://www.journal-of-agroalimentary.ro/admin/articole/66256L3\\_Radulescu\\_Laura\\_Cereale\\_2020\\_26\(1\)\\_10-16.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/66256L3_Radulescu_Laura_Cereale_2020_26(1)_10-16.pdf)
28. Laura Rădulescu, Simelda Elena Zippenfening, Cristina Liliana Mitroi, Marius Ioan Cugerean, Nicoleta G. Hadaruga, Sensory analysis of innovative meat products: “Snail hamburger” in artisanal buns with fruit and vegetable juice and flavored butter cream - indicator for quality control, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(2), 55-59, [https://www.journal-of-agroalimentary.ro/admin/articole/60593L11\\_Radulescu\\_Laura\\_2020\\_26\(2\)\\_55-59\\_02.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/60593L11_Radulescu_Laura_2020_26(2)_55-59_02.pdf)
29. Laurențiu-Răzvan Drăghici, Daniel Ioan Hădărugă, Nicoleta Gabriela Hădărugă, *Aesculus hippocastanum* L.: a review on biologically active compounds and their possible applications, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(4), 422-428, [https://www.journal-of-agroalimentary.ro/admin/articole/96078L65\\_Draghici\\_Razvan\\_2020\\_26\(4\)\\_422-428.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/96078L65_Draghici_Razvan_2020_26(4)_422-428.pdf)
30. Luminița Cojocariu, Loredana Copăcean, C. Bostan, Despina-Maria Bordean, Remote monitoring of abandoned grasses invaded by *Pteridium aquilinum* (L.) Kuhn and *Cytisus scoparius* (L.) Link, *Romanian Journal of Grassland and Forage Crops*, **2020**, 21, [https://sropaj.ro/documente/ro/revista/articole/RJGFC-21-2020\\_art-3.pdf](https://sropaj.ro/documente/ro/revista/articole/RJGFC-21-2020_art-3.pdf)
31. Maria Rada, Dacian Lalescu, Liana Maria Alda, Daniela Stoin, Adrian Riviș, Ariana – Bianca Velciov, Preliminary research on some nutritional parameters of homemade chocolate with added spices, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(3), 229-240, [https://www.journal-of-agroalimentary.ro/admin/articole/66061L33\\_Ariana\\_Velciov\\_2020\\_26\(3\)\\_223-228.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/66061L33_Ariana_Velciov_2020_26(3)_223-228.pdf)
32. Mădălina Stîngă, Georgiana Bobic, Lelia Serpe, Monica Ruxanda, Isidora Radulov, Hădărugă Nicoleta, A. Riviș, A. Rinovetz, The rheological component as an influencing factor in the technique of formulating natural fats, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(1), 17-21, [https://www.journal-of-agroalimentary.ro/admin/articole/8544L4\\_Alexandru\\_Rinovetz\\_2020\\_26\(1\)\\_17-21.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/8544L4_Alexandru_Rinovetz_2020_26(1)_17-21.pdf)
33. Pirvulescu Luminita, Adamov Tabita, Alda Liana Maria, Sirbulescu Claudia, Bordean Despina-Maria, Comparative study of nutritional properties of walnuts versus coconut, *Lucrări științifice*, **2020**, Seria I, VOL.XXII(1), 190-193, <https://www.lisma.ro/index.php/lisma/article/view/1831/pdf>
34. Pirvulescu Luminița, Radulov Isidora, Adamov Tabita, Raba Diana-Nicoleta, Bordean Despina-Maria, Evaluation of the nutritional values of amaranth and chia seeds, *Lucrări Științifice*, **2020**, Seria I, Vol.XXII(1), <http://www.lisma.ro/index.php/lisma/article/view/1830/pdf>
35. Scedei Daniela Nicoleta, Iordănescu Olimpia Alina, Duma (Copcea) Anișoara, Alda S., Alda Liana Maria, Moatăr Maria Mihaela, Beinșan Carmen, Marcovici A., Behaviour of old apple tree varieties (*Malus domestica* BORKH) from Timis County, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(2), <https://journal-hfb.usab-tm.ro/>
36. Scedei Daniela Nicoleta, Iordănescu Olimpia Alina, Duma (Copcea) Anișoara, Beinșan Carmen, Alda S., Alda Liana Maria, Moatăr Maria Mihaela, Blidariu Daciana Tiberia, Stoianov Z., Behavior of walnut biotypes (*Juglans regia* L.), from Cenei, Timis County, *JOURNAL of Horticulture, Forestry and Biotechnology*, **2020**, 24(2), <https://journal-hfb.usab-tm.ro/>
37. Simelda E. Zippenfening, Dina Gligor (Pane), Daniel Ioan Hădărugă, Nicoleta Gabriela Hădărugă, Fourier-transform infrared spectroscopy discrimination for wheat and rice pasta, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(3), 258-264, [https://www.journal-of-agroalimentary.ro/admin/articole/95416L38\\_Simelda\\_Zippenfening\\_2020\\_26\(3\)\\_258-264.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/95416L38_Simelda_Zippenfening_2020_26(3)_258-264.pdf)
38. Valentina Murgoi, Georgiana – Felicia Bustan, Mario Daniel Rusu, Adrian Riviș, Daniela Stoin, Ariana-Bianca Velciov, Characterization of high protein raw truffles, *Journal of Agroalimentary Processes and Technologies*, **2020**, 26(3), 247-250, [https://www.journal-of-agroalimentary.ro/admin/articole/93127L36\\_Murgoi\\_Valentina\\_2020\\_26\(3\)\\_247-250.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/93127L36_Murgoi_Valentina_2020_26(3)_247-250.pdf)

**Raport sintetic de cercetare**

<b>Nr. Crt.</b>	<b>Revista BDI</b>	<b>Nr</b>
1		21
2	JOURNAL of Horticulture, Forestry and Biotechnology	7
3	Scientific Papers: Animal Science and Biotechnologies	2
5	Revista de Chimie	1
6	Proceedings GEOLINKS International Conference	2
7	Lucrări Științifice	2
8	Life Science and Sustainable Development	1
9	Romanian Journal of Grassland and Forage Crops	1
10	Research Journal of Agricultural Science	1
<b>TOTAL</b>		<b>38</b>
<b>Autor principal - FIA</b>		<b>26</b>

Intocmit,  
Prodecan cercetare,  
**Prof. Dr. Ing. Nicoleta G. Hadaruga**