

## Lista publicațiilor științifice

### a) Articole/studii în extenso, publicate în reviste cotate ISI:

1. **Ciobanu M.M.**, Mădescu Bianca Maria, Flocea Elena Iuliana, Ciobotaru M.C., Manoliu Diana Remina, Anchidin Bianca Georgiana, Gucianu Ioana, Boișteanu P.C., 2024 - *Impact of disodium diphosphate on the colorimetric profile in a meat product with heterogeneous structure: an analysis in actual Technology*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 389-394, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500049;
2. **Ciobanu M.M.**, Ciobotaru M.C., Gucianu Ioana, Boișteanu P.C., Manoliu Diana Remina, 2024 - *Impact of bone broth on protein content, color and consumer preferences in emulsified chicken and turkey frankfurters*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 395-403, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500050;
3. Boișteanu P.C., Flocea Elena Iuliana, Anchidin Bianca-Georgiana, Mădescu Bianca Maria, Matei Mădălina, Murariu Otilia Cristina, Frunză Gabriela, Postolache Alina Narcisa, **Ciobanu M.M.**, 2024 - *Essential and Toxic Elements Analysis of Wild Boar Tissues from North-Eastern Romania and Health Risk Implications*, Frontiers in Sustainable Food Systems, vol 8-2024, pag. 1-12, FI 4,7, ISSN 2571-581X, <https://doi.org/10.3389/fsufs.2024.1406579>, WOS:001219208200001;
4. Boișteanu P.C., Flocea Elena Iuliana, **Ciobanu M.M.**, 2024 - *Effect of wet-aging with vitamin C on quality biomarkers of biceps femoris muscles collected from sustainable management of Cervus elaphus L. population from northern eastern carpathians, Romania*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 618-624, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500076;
5. Ciobotaru M.C., Manoliu Diana Remina, Matei Mădălina, Calcan R.A., Boișteanu P.C., **Ciobanu M.M.**, 2024 - *Qualitative differences caused by the addition of liquid smoke in meat products with different structures compared to traditional smoking*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 404-413, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500051;
6. Ciobotaru M.C., Manoliu Diana Remina, Matei Mădălina, Gheorghe Beatrice Angela, Boișteanu P.C., **Ciobanu M.M.**, 2024 - *The impact of bone broth addition on the sensory acceptability of assorted meat products with heterogeneous structure*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 414-419, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500052;
7. Gucianu Ioana, Lipșa F.D., Anchidin Bianca-Georgiana, Flocea Elena Iuliana, Boișteanu P.C., **Ciobanu M.M.**, 2024 - *Combating food waste by making a functional product from a slaughterhouse by-product and profiling its nutritional value*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 457-464, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500058;



8. Manoliu Diana Remina, **Ciobanu M.M.**, Ciobotaru M.C., Anchidin Bianca-Georgiana, Boișteanu P.C., 2024 - *The impact of fruit fiber on meat products: a mini review*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 481-489, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500060;
9. Flocea Elena Iuliana, **Ciobanu M.M.**, Anchidin Bianca-Georgiana, Ciobotaru M.C., Manoliu Diana Remina, Gucianu Ioana, Matei Mădălina, Boișteanu P.C., 2024 - *Evaluation of the impact of artificial additive on physicochemical quality parameters in a functional meat product with heterogeneous structure*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 443-450, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500056;
10. Anchidin Bianca-Georgiana, Gucianu Ioana, Lipșa F.D., **Ciobanu M.M.**, Flocea Elena Iuliana, Boișteanu P.C., 2024 - *From waste to valuable food: development and qualitative differential characterization of bone broths from juvenile and adult cattle*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 355-365, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500046;
11. Anchidin Bianca-Georgiana, Lipșa F.D., Manoliu Diana Remina, **Ciobanu M.M.**, Ciobotaru M.C., Gucianu Ioana, Boișteanu P.C., 2024 - *Enhancing antioxidant capacity in functional meat products through infusion with sea buckthorn oil to combat inherent antioxidant deficiency*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 1, (2024) pg. 366-380, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001304632500047;
12. Murariu Otilia Cristina, Lipșa F.D., Cârlescu P.M., Frunză Gabriela, **Ciobanu M.M.**, Cara Irina Gabriela, Murariu F., Stoica Florentina, Albu Aida, Tallarita A.V., Caruso G., 2024 - *The Effect of Including Sea Buckthorn Berry By-Products on White Chocolate Quality and Bioactive Characteristics under a Circular Economy Context*, MDPI, Plants 2024, 13(19), 2799, pag. 1-17, FI 4, ISSN 2304-8158, <https://doi.org/10.3390/plants13192799>, WOS:001333441300001;
13. Mădescu Bianca-Maria, Lazăr Roxana, Postolache Alina Narcisa, Davidescu Madalina Alexandra, **Ciobanu M.M.**, Boișteanu P.C., 2024 - *Microbiological and hygienic quality of aubrac cattle fresh meat*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 2, (2024) pg. 449-457, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750;
14. Frunză Gabriela, Murariu Otilia Cristina, Rațu Roxana Nicoleta, **Ciobanu M.M.**, Boișteanu P.C., 2024 - *Quality Assessment of Some Assortments of Chicken Hot Dog Sausages*, Scientific Papers, Series D. Animal Science. Vol. LXVII, No. 2, (2024) pg. 449-457, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750;
15. **Ciobanu M.M.**, Manoliu Diana Remina, Ciobotaru M.C., Anchidin Georgiana Bianca, Matei Mădălina, Munteanu M., Frunză Gabriela, Murariu Otilia Cistina, Flocea Elena Iuliana, Boișteanu P.C., 2023 - *The Influence of Sensory Characteristics of Game Meat on Consumer Neuroperception: A Narrative Review*, MDPI, Foods 2023, 12(6), 1341, pag. 1-21, FI 5,561, ISSN 2304-8158, <https://doi.org/10.3390/foods12061341>, WOS:000956030800001;

16. Otilia Cristina Murariu, Murariu F., Gabriela Frunză, **Ciobanu M.M.**, Boișteanu P.C., 2023 - *Fatty Acids Indices and Nutritional Properties of Karakul Sheep Meat*, MDPI, *Nutrients* 2023, 15(4), 1061; pag. 1-16, FI 6,706, ISSN 2072-6643, <https://doi.org/10.3390/nu15041061>, WOS:000940074000001;
17. Frunză Gabriela, Otilia Cristina Murariu, **Ciobanu M.M.**, Radu-Rusu R. M., Simeanu D., Boișteanu P.C., 2023 - *Meat Quality in Rabbit (*Oryctolagus cuniculus*) and Hare (*Lepus europaeus Pallas*) - A Nutritional and Technological Perspective*, MDPI, *Agriculture* 2023, 13(1), 126; pag. 1-17, FI 3,6, ISSN 2077-0472, <https://doi.org/10.3390/agriculture13010126>, WOS:000914217700001;
18. Rațu Roxana Nicoleta, Cârlescu P. M., Usturoi M. G., Lipșa F. D., Veleşcu I. D., Arsenoaia V. N., Florea Andreea Mihaela, **Ciobanu M.M.**, Radu-Rusu R. M., Postolache Alina Narcisa, Simeanu D., 2023 - *Effects of Dairy Cows Management Systems on the Physico - chemical and Nutritional Quality of Milk and Yogurt, in a North-Eastern Romanian Farm*, MDPI, *Agriculture* 2023, 13(7), 1295; pag. 1-20, FI 3,6, ISSN 2077-0472, <https://doi.org/10.3390/agriculture13071295>, WOS:001034732400001;
19. **Ciobanu M.M.**, Manoliu Diana Remina, Ciobotaru M. C., Flocea Elena Iuliana, Anchidin Bianca Georgiana, Postolache Alina Narcisa, Boișteanu P.C., 2023 - *Sensorial Characterization of Mutton Products in Membrane Made in the Meat Processing Workshop of USV Iasi*, *Scientific Papers, Series D. Animal Science. Vol. LXVI, No. 2, (2023)* pg. 453-458, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001133092700051;
20. Boișteanu P.C., Manoliu Diana Remina, **Ciobanu M.M.**, 2023 - *The Effect of Red Lentil Flour on the Quality Characteristics of Beef Burgers Obtained From Two Different Anatomical Regions*, *Scientific Papers, Series D. Animal Science. Vol. LXVI, No. 1, (2023)* pg. 385-390, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001092354100048;
21. Gucianu Ioana, Anchidin Bianca Georgiana, Manoliu Diana-Remina, Ciobotaru C. M., Boișteanu P.C., Postolache Alina Narcisa, **Ciobanu M.M.**, 2023 - *Smoking Temperature Characteristics and Influence of Quality Indicators on *Phytophagus Fillet (Hypophthalmichthys Molitrix)**, *Scientific Papers, Series D. Animal Science. Vol. LXVI, No. 2, (2023)* pg. 512-516, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001133092700052;
22. Anchidin Bianca Georgiana, Manoliu Diana-Remina, Ciobotaru C. M., **Ciobanu M.M.**, Gucianu Ioana, Sandu Gabriela Adnana, Boișteanu P.C., 2023 - *Development of a Functional Meat Product with sea Buckthorn Oil and Analysis of Its Sensory and Physicochemical Quality*, *Scientific Papers, Series D. Animal Science. Vol. LXVI, No. 1, (2023)* pg. 370-376, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001092354100046;
23. Manoliu Diana-Remina, **Ciobanu M.M.**, Ciobotaru C. M., Postolache Alina Narcisa, Anchidin Bianca Georgiana, Boișteanu P.C., 2023 - *Physico-Chemical and Sensory Evaluation of Three Types of Pork Mortadella Manufactured in the Iuls Meat Processing Microsection*, *Scientific Papers, Series D. Animal Science. Vol. LXVI, No. 2, (2023)* pg. 527-531, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001133092700023;

24. Mădescu Bianca-Maria, Lazăr Roxana, Bolohan Ioana, **Ciobanu M.M.**, Boișteanu P.C., 2023 - *Body conformation analysis through biometric traits of aubracs cattle breed*, Scientific Papers, Series D. Animal Science. Vol. LXVI, No. 1, (2023) pg. 292-298, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:001092354100034;
25. Frunză Gabriela, **Ciobanu M.M.**, Otilia Cristina Murariu, Rațu Roxana Nicoleta, Radu-Rusu R. M., Simeanu Cristina, Boișteanu P.C., 2023 - *Effect of Gender and Muscle Type on Fatty Acid Profile, Sanogenic Indices, and Instrumental and Sensory Analysis of Flemish Giant Rabbit Meat*, MDPI, Agriculture 2023, 13(12), 2265; pag. 1-17, FI 3,6, ISSN 2077-0472, <https://doi.org/10.3390/agriculture13122265>, WOS:001132147400001;
26. **Ciobanu M.M.**, Postolache Alina Narcisa, Lipșa F.D., Munteanu M., Rațu Roxana Nicoleta, Otilia Cristina Murariu, Boișteanu P.C., 2022 - *Meat Fatty Acid Composition of Wild Boars Hunted in Romania in Relationship to Gender and Age-Class*, MDPI, Animals 2022, 12(7), 810; pag. 1-11, FI 2,752, ISSN 2076-2615, <https://doi.org/10.3390/ani12070810>, WOS:000781111100001;
27. **Ciobanu M.M.**, Manoliu Diana Remina, Ciobotaru C.M., Lipșa F.D., Postolache Alina Narcisa, Boișteanu P.C., 2022 - *Influence Of Quantities Of Raw Materials And Maturation Time On The Sensory Quality Of Dried Babic Sausages*, Scientific Papers, Series D. Animal Science. Vol. LXV, No. 2, (2022) pg. 357-363, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:000914162300052;
28. Boișteanu P.C., Lazăr Roxana, Manoliu Diana Remina, Ciobotaru C.M., **Ciobanu M.M.**, 2022 - *Influence Of Injection Level And Quantities Of Brine Ingredients On The Sensory Quality Of Beef Pastrami*, Scientific Papers, Series D. Animal Science. Vol. LXV, No. 1, (2022) pg. 481-486, FI 0,3, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750, WOS:000834534200062;
29. Creola Brezeanu, Brezeanu P. M., Stoleru V., Irimia L. M., Lipșa F. D., Teliban G. C., **Ciobanu M.M.**, Murariu F, Puiu I., Branca F., Otilia Cristina Murariu , 2022 - *Nutritional Value of Some Improved Pepper Genotypes (Capsicum annum ssp. annum) Growned in Organic System*, MDPI, Agriculture 2022, 12(11), 1863; pag. 1-17, FI 3,408, ISSN: 2077-0472, <https://doi.org/10.3390/agriculture12111863>, WOS:000883369600001;
30. **Ciobanu M.M.**, Boișteanu P.C., Munteanu M., Târziu D., Rațu Roxana Nicoleta, Postolache Alina Narcisa, 2021 - *Bioavailability of heavy metals (Pb and Cd) in wild roe deer meat*; Scientific Papers, Series D. Animal Science. Vol. LXIV, No. 2, (2021) pg. 227-232, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750 WOS:000737352500031;
31. Mădescu Bianca Maria, Lazăr Roxana, **Ciobanu M.M.**, Boișteanu P.C., 2021 - *Morpho-Productive characteristics of aubracs cattle breed: a sistematic review*; Scientific Papers, Series D. Animal Science. Vol. LXIV, No. 2, (2021) pg. 260-265, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750 WOS:000737352500036;
32. Rațu Roxana Nicoleta, **Ciobanu M.M.**, Radu Rusu R. M., Usturoi M. G., Ivancia Mihaela, Doliș M. G., 2021 - *Study on the chemical composition and nitrogen fraction of milk from different animal species*; Scientific Papers, Series D. Animal Science. Vol. LXIV, No. 2, (2021) pg. 374-379, Print ISSN 2285-5750; ISSN Online 2393-2260; ISSN-L 2285-5750 WOS:000737352500051;



33. **Ciobanu M.M.**, Munteanu M., Postolache Alina Narcisa, Boișteanu P.C. 2020 - *Toxic heavy metals content in wild boar and venison meat: a brief review*, Scientific Papers, Series D. Animal Science. Vol. LXIII, No. 1, pg. 435-441, Print ISSN 2285-5750, ISSN Online 2393-2260, ISSN-L 2285-5750, WOS:000574608500063;
34. Postolache Alina Narcisa, Chelmu S.S., Ariton Adina Mirela, Ciorpac M., Cecilia Pop, **Ciobanu M.M.**, Creangă Ș., 2020 - *Analysis of RASFF notifications on contaminated dairy products from the last two decades: 2000 – 2020*, Romanian Biotechnological Letters, vol. 25, no. 2, pag 1396-1406, FI 0,59, ISSN: 2248-3942, doi: 10.25083/rbl/25.2/1396.1406, WOS:000539565000012;
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36. Solomon L., Boișteanu P.C., **Ciobanu M.M.**, Lazăr Roxana, Radu-Rusu R. M., 2020 - *Influence of temperature during slaughter on the chemical composition and gross energy of refrigerated broiler breast meat*, Scientific Papers, Series D. Animal Science. Vol. LXIII, No. 1, pg. 462-466, Print ISSN 2285-5750, ISSN Online 2393-2260, ISSN-L 2285-5750, WOS:000574608500067;
37. **Ciobanu M.M.**, Boișteanu P.C., Simeanu D., Postolache Alina Narcisa, Lazăr Roxana, Vîntu C.R., 2019 - *Meat that we eat from the retail market: a case study of fatty acid profile of broiler chicken meat industrial raised and slaughtered*, Rev. Chim. (Bucharest) vol. 70, no. 11, pag. 4089-4094, FI 1,605, ISSN: 0034-7752, WOS:000503185300065;
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**b) Articole/studii în abstract, publicate în reviste cotate ISI:**

39. Munteanu M., **Ciobanu M.M.**, Alina Narcisa Postolache, Boișteanu P.C., 2021 - *Quantitative evaluation of heavy metals (Pb and Cd) in Roe Deer meat (Capreolus Capreolus L) from N-E area of Romania*, Biotechnology & Biotechnological Equipment, vol. 35:sup 1, pg. S67 – S68, Praga, Cehia, doi.org/10.1080/13102818.2020.1871545, Factor de impact 2,029.
40. Solomon L., **Ciobanu M.M.**, Munteanu M., Boișteanu P.C., 2021 - *Broiler meat Water Holding Capacity in industrial refrigerated conditions*, Biotechnology & Biotechnological Equipment, vol. 35: sup 1, pg. S67, Praga, Cehia, doi.org/10.1080/13102818.2020.1871545, Factor de impact 2,029.
41. Tîrziu D.D., **Ciobanu M.M.**, Munteanu M., Ciobotaru M.C., Manoliu Diana Remina, Ioana Alexandra Iosub, Boișteanu P.C., 2021 - *A comparative assessment of carcass composition and quality of pheasant meat in relation with growing system*, The EuroBiotech Journal, Volume 5 (2021): Issue s2 (December 2021) pg. 108, DOI: <https://doi.org/10.2478/ebtj-2021-0031>, Factor de impact 2,029.

42. Iosub Ioana Alexandra, **Ciobanu M.M.**, Lazar Roxana, Boișteanu P.C., 2021 - *Comparative Assessment of the Colorimetric Parameters Of Nutria Meat According To Different Categories of Muscles*, The EuroBiotech Journal, Volume 5 (2021): Issue s2 (December 2021) pg. 108, DOI: <https://doi.org/10.2478/ebtj-2021-0031>, Factor de impact 2,029.
43. Tăran Mărioara, **Ciobanu M.M.**, Lazăr Roxana, Ciobotaru M.C., Manoliu Diana Remina, Iosub Ioana Alexandra, Boișteanu P.C., 2021 - *Evaluation Of Physico-Chemical Quality Indicators Of Meat Products In Relation To The Technological Parameters*, The EuroBiotech Journal, Volume 5 (2021): Issue s2 (December 2021) pg. 109, DOI: <https://doi.org/10.2478/ebtj-2021-0031>, Factor de impact 2,029.
44. **Ciobanu M.M.**, Munteanu M., Mihalache Roxana Georgiana, Boișteanu P.C., 2019 - *Influence of technological parameters on sensorial quality of refrigerated poultry meat*, Journal of Biotechnology, vol. 305, pg. S49 Valencia, Spain, doi.org/10.1016/j.jbiotec.2019.05.174, Factor de impact 2,908, WOS:000491118400156;
45. Munteanu M., Postolache Alina Narcisa, **Ciobanu M.M.**, Boișteanu P.C., 2019 - *Tenderness characterization of wild boar meat (sus scrofa ferus) from N-E area of Romania*, Journal of Biotechnology, vol. 305, pg. S66 Valencia, Spain, doi.org/10.1016/j.jbiotec.2019.05.231, Factor de impact 2,908, WOS:000491118400213
46. Mihalache Roxana Georgiana, Rațu Roxana Nicoleta, **Ciobanu M.M.**, Gîlcă I., 2019 - *Characterization of qualitative performances obtained by brown breed exploited in Neamț county, Romania*, Journal of Biotechnology, vol. 305, pg. S49 Valencia, Spain, doi.org/10.1016/j.jbiotec.2019.05.173, Factor de impact 2,908, WOS:000491118400155;
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55. Apetroaei (Petrescu) Casiana Agatha, Boișteanu P.C., Lazăr Roxana, **Ciobanu M.M.**, Usturoi A., 2013 - *Comparison of growth parameters of turkey hybrids Big BUT 6 and Converter*, Current Opinion in Biotechnology vol. 24, pg. S57 Bratislava, Slovakia, doi.org/10.1016/j.copbio.2013.05.142, Factor de impact 8,035, WOS:000323298100127;
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