

LISTA LUCRĂRILOR – Roxana Nicoleta RAȚU

A. Lucrări ISI cu FI – prim autor/autor corespondent

1. **Rațu Roxana Nicoleta**, Usturoi M.G., Simeanu D., Simianu Cristina, Usturoi A., Doliș M.G., 2017 – *Research Regarding Dynamics Of Chemical Content From Pasteurized Egg Melange Stored In Polyethylene Type Packings*, *Materiale Plastice*, vol. 54, No. 2, pp. 368 – 374 **(WOS:000408702100038)**
2. **Ratu, R.N.**; Cârlescu, P.M.; Usturoi, M.G.; Lipsa, F.D.; Velescu, I.D.; Arsenoaia, V.N.; Florea, A.M.; Ciobanu, M.M.; Radu-Rusu, R.-M.; Postolache, A.N.; et al. *Effects of Dairy Cows Management Systems on the Physicochemical and Nutritional Quality of Milk and Yogurt, in a North-Eastern Romanian Farm*. *Agriculture*2023,13,1295. <https://doi.org/10.3390/agriculture13071295> **(WOS:001034732400001)**
3. **Ratu, R.N.**; Velescu, I.D.; Stoica, F.; Usturoi, A.; Arsenoaia, V.N.; Crivei, I.C.; Postolache, A.N.; Lipsa, F.D.; Filipov, F.; Florea, A.M.; et al. **Application of Agri-Food By-Products in the Food Industry**. *Agriculture* **2023, 13, 1559**. <https://doi.org/10.3390/agriculture13081559> **(WOS:001056226400001)**
4. Dolis, MG; Panzaru, C; Dolis, GM; Maftei, M; **Ratu, RN**, 2022 - CONTRIBUTIONS TO STUDIES REGARDING THE MORPHOLOGICAL AND REPRODUCTION CHARACTERS OF SHAGYA ARABIANS HORSE BREED, *Scientific papers, Series D – Animal Science*, Vol. 64, Issue: 2, pp. 45 – 50 **(WOS:000737352500004)**

B. Lucrări ISI proceedings cu FI – prim autor/autor corespondent

1. **Roxana Nicoleta Gavril (Ratu)**, Usturoi M.G., Usturoi A., 2013 – *Table Eggs Quality, According To The Storage Period*. *Current Opinion in Biotechnology*, Vol 24, Supplement 1, pp. s83, July 2013, Bratislava, Slovakia. **(WOS:000323298100221)**
2. **Rațu Nicoleta Roxana**, Usturoi M.G., Avarvarei V.B., 2014 – *Quality Of Cow Milk And For Some Cheeses Assortments*, *Journal of Biotechnology* Volume 185, Supplement, September 2014, pp S71–S72. **(WOS:000350032000222)**

C. Lucrări ISI proceedings– prim autor/autor corespondent

1. **Rațu Roxana Nicoleta**, Doliș M. G., Murariu Otilia Cristina, Hodorcă Raluca. Mihaela, Onose I. and Usturoi M. G., 2018 - *Studies Regarding Quantitative Evaluation Of Milk Proteins Gathered From Different Animal Breeds As Source For A Healthy Nourishment Of Athletes*. 4th International Conference of the Universitaria-Consortium (ICU) - The Impact of Sport and Physical Education Science on Today's Society, pp. 303 – 308. **(WOS:000474444100049)**.
2. **Rațu Roxana Nicoleta**, Usturoi M.G.; Usturoi A., Radu-Rusu R.M., Ivancia Mihaela, 2019 - *Quality Assessment Of The Cow Milk Traded On The Iasi Market*, *Scientific papers – Series D-Animal Science*, Vol. 62, pp. 352 – 357 **(WOS:000484814600053)**
3. Ivancia Mihaela, Pânzaru Claudia, Nicolae Carmen Georgeta, Doliș M.G., **Rațu Roxana Nicoleta ***, 2019 - *Study Regarding The Morphology Of Public Mount Stallions Population From Tulucești Studfarm*, *Scientific papers – Series D-Animal Science*, Vol. 62, pp. 162 – 167. **(WOS:000484814600024)**

4. Ivancia Mihaela, DOLIȘ, M.G., Nicolae Carmen Giorgeta, Usturoi M. G., **Rațu Roxana Nicoleta***, 2019 - *Study Regarding The Quality Of Milk From Cows Reared On The Rediu Farm*, Scientific papers – Series D-Animal Science, Vol. 62, pp. 225 – 230. **(WOS:000484814600033)**
5. Ivancia Mihaela, Dolis, M.G., Nicolae Carmen Georgieta, Mocanu Anca Mihaela, **Rațu, Roxana Nicoleta***, 2020 - *Comparative Study On The Performance Of Bees Populations Of Buckfast Hybrid And The Native Race Apis Melifera Carpatica, Existing In The Area Of Iasi*, Scientific Papers-Series D-Animal Science, Vol. 63. pp: 70-77 **(WOS:0005949915000096)**.
6. Petrescu Casiana Agatha, Ciobanu, M.M, Lazar Roxana, Boisteanu P.C., Usturoi M.G., **Rațu Roxana Nicoleta***, 2020 - *Research On The Quality Of Physical Indicators Of The Turkey Meat Obtained From The Big But 6 Hybrid Slaughtered At Different Age*, Scientific Papers-Series D-Animal Science, Vol.63. pp:355-365, **(WOS:000574608500052)**
7. Ivancia Mihaela, Dronca D. D., Mocanu Anca Mihaela, Usturoi M.G., Nicolae Carmen Georgeta, **Rațu Roxana Nicoleta***, 2020 - *Study Regarding Father's Influence On Performance Of Dairy Cow's Population From Research And Development Station For Cattle Rearing Dancu, Iasi*, SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, Volume: 63, Issue: 1, pp: 48-53 **(WOS:000574608500007)**
8. **Rațu Roxana Nicoleta**, Ciobanu, MM, Radu-Rusu RM, Usturoi M.G., Ivancia, Mihaela) Dolis, MG, 2021 - *Study On The Chemical Composition And Nitrogen Fraction Of Milk From Different Animal Species*, SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, Volume 64 Issue 2, pp. 374-379. **(WOS:000737352500051)**

D. Lucrări BDI – prim autor

1. **Roxana Gavril** și Usturoi M.G., 2011 – „*Effects of temperature and storage time on hen eggs quality*”, *Lucrări Științifice, Seria Zootehnie*, Vol. 56 (16), Iași, pg. 259 – 264.
http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_56/Roxana_Gavril.pdf
2. **Roxana Gavril** și Usturoi M.G., 2012 – „*Effects of storage time and temperature on hen eggs quality*”. *Lucrări Științifice, Seria Zootehnie*, Vol. 57 (17), Iași, pg. 221-229.
http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_57/Roxana_Gavril.pdf
3. **Roxana Gavril** și Usturoi M.G., 2012 - *Effects of temperature and storage conditions on hen eggs quality*. *Journal of Biotechnology*, Vol 161 (1) ,pg.40, November, Kayseri, Turkey.
https://www.researchgate.net/publication/279795770_Effects_of_temperature_and_storage_time_on_hen_eggs_quality
4. **Roxana Gavril** și Usturoi M.G., 2012 – „*Influence of storage time and microclimate factors on qualitative microbiological factors of eggs from public consumption*”. Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară, Vol. XI/A, Anul 11, Oradea, pg. 69-76.
http://protmed.uoradea.ro/facultate/anale/ecotox_zooteh_ind_alim/2012A/imapa/15.Gavril%20Ratu%20Roxana%20Nicoleta.pdf
5. **Roxana Gavril** și Usturoi M.G., 2013 - *Influence of storage conditions on quality of eggs consumption*. *Food and Biomass Production*, 4th CASEE CONFERENCE, Zagreb, pg. 54.
http://casee.agr.hr/files/casee_conference_program-poster_20130701.pdf
6. **Roxana Gavril** și Usturoi M.G., 2014 – „*Contributions to the knowledge of qualitative parameters for egg powder*”, *The 13th International Symposium: Prospects for the 3rd Millennium Agriculture*, Bulletin

UASVM Food Science and Technology, vol. 71 (2), pg. 179 – 187.
<http://journals.usamvcluj.ro/index.php/fst/article/view/10864/pdf>

7. Roxana Nicoleta Rațu, M.G. Usturoi, B.V. Avarvarei, 2015 – „*Quality of raw cow milk utilised in cheese processing*”, University of Agricultural Sciences and Veterinary Medicine Iași, **Lucrări Științifice – Seria Zootehnie**, vol. **63**, pg. 128 – 130.
http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_63/Roxana_Ratu2.pdf

8. Roxana Nicoleta Rațu, M.G. Usturoi, Albu Aida, 2015 – „*Quality of powder egg stored in different conditions*”, University of Agricultural Sciences and Veterinary Medicine Iași, **Lucrări Științifice – Seria Zootehnie**, vol. 63, pg. 122 – 127.
http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_63/Roxana_Ratu1.pdf

9. Roxana Nicoleta Rațu, M.G. Usturoi, 2015 - „*Physical-chemical evaluation of liquid products from pasteurized eggs*” University of Agricultural Sciences and Veterinary Medicine Iași, **Lucrări Științifice – Seria Zootehnie**, vol. 64 (20), pg. 104 - 109.
http://www.uaiasi.ro/revista_zoo/ro/documente/Pdf_Vol_64/Roxana_Ratu.pdf

10. Roxana Gavril (Rațu) and M.G. Usturoi, 2015 - „*Sensoriel and physical evaluation of melange from pasteurized eggs*”, The 14th International Symposium Prospects for the 3RD Millennium Agriculture, 24 – 26 September 2015, Cluj-Napoca, Romania <http://www.grail-project.eu/wp-content/uploads/2015/11/Book-of-abstract.pdf>

11. Roxana Nicoleta Rațu și M.G. Usturoi., 2016 - „*Research regarding the quality of melted cheese sold in Romania*”, **Lucrări Științifice - Seria Zootehnie**, vol. 66, pg. 124 - 128.
http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_66/Roxana_Ratu.pdf

12. Roxana Nicoleta Rațu și M.G. Usturoi., 2016 - „*Milk importance as raw material in processing of dairy products*”, **Lucrări Științifice - Seria Zootehnie**, vol. 65, pg. 94 -97.
http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_65/Roxana_Ratu.pdf

13. Rațu Roxana și Usturoi M.G., 2017 - „*Research regarding quality conditions of some raw-dried salami*”, **Lucrări Științifice - Seria Zootehnie**, vol. 67(22), pg. 130 – 132.
http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_67/Roxana_Ratu.pdf

14. Roxana Nicoleta Rațu, R. Radu-Rusu, M.G. Usturoi, 2018 - *Physical-chemical quality of the dairy milk gathered from fleckvieh breed*, **Lucrări Științifice - Seria Zootehnie**, vol. 69(23), pg. 119 – 123.
http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_69/Roxana_Ratu.pdf

15. Roxana Nicoleta Rațu și M.G. Usturoi, 2019 - *Research regarding quality of raw cow milk utilised in obtaining of medium-hard cheeses*, **Lucrări Științifice - Seria Zootehnie**, vol. 71(24), pg. 172 – 175.
http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_71/Roxana_Ratu.pdf

16. Roxana Nicolata Rațu, Al. Usturoi, Mihaela Ivancia, M.G. Doliș, M.G. Usturoi, 2019 - *Research regarding the influence of the packaging type on the quality of consumption milk*, **Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie**, vol. 72, pp. 143 – 149.
http://www.uaiasi.ro/zootehnie/Pdf/Pdf_Vol_72/Roxana_Ratu.pdf

17. Roxana Nicoleta RAȚU, Vasile DOBRE, Marius Gheorghe DOLIȘ, Mihaela IVANCIA, Marius Giorgi USTUROI, 2020 - *Research on the quality of the salty cheese obtained in the microunit production from uasvm Iasi*, **Lucrări Științifice – vol. 63(1)/2020, seria Agronomie** pp. 113 – 120.
<http://www.uaiasi.ro/revagrois/PDF/2020-1/paper/20.pdf>

18. Roxana Nicoleta RAȚU, Ionuț ONOSE, Alina Narcisa Postolache, Marius Girgi USTUROI, Alexandru USTUROI, Răzvan Mihai RADU-RUSU, Ionuț Dumitru VELEȘCU, 2021 - *Milk - an important source of nutrition and hydration for athletes*, 7th International Conference of the Universitaria Consortium in Physical Education, Sports and Physiotherapy.

19. Roxana Nicoleta Ratu, Mihaela Ivancia, M.G. Usturoi, 2021 - Research on the qualitative analysis of some sources of soft paste cheese, : *Lucrări Științifice - Seria Zootehnie*, vol. 75, ISSN 2067-2330.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_75/Roxana_Ratu.pdf

20. Roxana Nicoleta RAȚU, Alexandru USTUROI, Alina Narcisa POSTOLACHE, Marius Giorgi USTUROI, 2021 - SENSORY AND PHYSICO-CHEMICAL CHARACTERISTICS OF A NEW ASSORTMENT OF CHEESE OBTAINED IN THE MILK AND MILK PRODUCTS MICRO PRODUCTION WORKSHOP WITHIN IULS, *Lucrări Științifice – vol. 64(2)/2021, seria Agronomie*, pp. 259 – 264.
<https://www.uaiasi.ro/revagrois/PDF/2021-2/paper/47.pdf>

21. R.N. Rațu, F.D. Lipșa, A.N. Postolache, I.D. Veleşcu, A. Usturoi, M.G. Usturoi, 2022 - QUALITY CONDITIONS OF AN ASSORTMENT OF SEMI-HARD CHEESE – CACIOTTA, *Animal & Food Sciences Journal Iasi*, Vol. 77(1), pp. 131 – 136.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_77/R_Ratu.pdf

22. Roxana Nicoleta RAȚU, Ionuț Dumitru VELEȘCU, Alina Narcisa POSTOLACHE, Sandu TALPĂ, Vlad Nicolae ARSENOIA, Marius Giorgi USTUROI, 2022 -Incorporation of Spirulina powder into processed milk to obtain semihard cheese with the aim of increased nutritional value and sensory characteristic. *Lucrări Științifice. Seria Agronomie*, vol. 65(1)/2022; ISSN:1454-7414.
https://repository.uaiasi.ro/xmlui/bitstream/handle/20.500.12811/3244/LSA_v.65_nr.1_Incorporati on....pdf?sequence=1&isAllowed=y

23. Roxana Nicoleta RAȚU, Marius Giorgi USTUROI, Răzvan Mihail RADU-RUSU, Ionuț Dumitru VELEȘCU, Florin Daniel LIPȘA, Vlad Nicolae ARSENOAIA, Alina Narcisa POSTOLACHE, Ioana Cristina CRIVEI and Petru Marian CÂRLESC, 2023 - EFFECT OF GRAPE SKIN POWDER ADDITION ON CHEMICAL, NUTRITIONAL AND TECHNOLOGICAL PROPERTIES OF CHEESE, *Journal of Applied Life Sciences and Environment*, Vol. 56, Issue 1 (193) / 2023: 41-58
<https://jurnalalse.com/wp-content/uploads/ALSE1-2023-04.pdf>

E. Lucrări ISI cu F.I. – coautor

1. Alexandru Usturoi, Cristina Simeanu, Marius Giorgi Usturoi, Marius Gheorghe Dolis, **Roxana Nicoleta Ratu**, Daniel Simeanu, 2017 - *Influence of Packaging Type on the Dynamics of Powdered Eggs Chemical Composition*, *MATERIALE PLASTICE*, vol. 54, No.2, pg. 380 – 385 (WOS:000408702100040).

2. Ciobanu, M.M.; Postolache, A.N.; Lipsa, F.D.; Munteanu, M.; **Ratu, R.N.**; Murariu, O.C.; Boisteanu, P.C. Meat Fatty Acid Composition of Wild Boars Hunted in Romania in Relationship to Gender and Age-Class. *Animals* 2022, 12, 810. <https://doi.org/10.3390/ani12070810> (WOS:000781111100001)

3. Velescu, I.D.; **Ratu, R.N.**; Arsenoia, V.N.; Rosca, R.; Cârlescu, P.M.; Tenu, I. - *Research on the Process of Convective Drying of Apples and Apricots Using an Original Drying Installation*. *Agriculture* 2023, 13, 820. <https://doi.org/10.3390/agriculture13040820> (WOS:000977878400001)

4. Usturoi, M.G.; Radu-Rusu, R.-M.; Usturoi, A.; Simeanu, C.; Dolis, M.G.; **Ratu, R.N.**; Simeanu, D. *Impact of Different Levels of Crude Protein on Production Performance and Meat Quality in Broiler Selected for Slow Growth*. *Agriculture* 2023, 13, 427. <https://doi.org/10.3390/agriculture13020427>

5. Arsenoia V.N., Roșca G.R., Carlesc P., Baietu M., **Rațu R.**, Velescu I., Tenu I., 2023, Drying Process Modeling and Quality Assessments Regarding an Innovative Seed Dryer, *Agriculture* 2023, 13, Issue 2, (WOS: 000938024200001).

6. Florina Stoica, **Rațu R.N.**, Veleşcu I.D., Stănciunc N., Râpeanu G., 2023 – A comprehensive review on bioactive compounds, health benefits, and potential food applications on onion (*Allium cepa* L.) skin waste, *Trends and Food Science & Technology* 141 (2023) 104173.

F. Lucrări ISI proceedings– coautor

1. Avarvarei B.V., Usturoi M.G., Usturoi A., **Rațu Roxana Nicoleta**, 2014 – „*Analysis of some buttermilk assortments sold on Iasi city market, Romania*”, *Journal of Biotechnology* Volume 185, Supplement, September 2014, Pages S72; doi:10.1016/j.jbiotec.2014.07.245

2. Mihalache Roxana Georgiana, Gîlcă, I., **Rațu Roxana Nicoleta**, Ciobanu, M.M., Boișteanu P.C., 2018 – *Research regarding productive performances obtained at brown breed exploited in N-E area of Romania*, *Journal of Biotechnology*, vol. 280, Supplement S, pp. S59 (IF: 2,533)

3. Irimia (Gavrilescu) Carmen, Druc Paula Viorela, Spridon C., **Ratu Roxana Nicoleta**, Usturoi A., Usturoi M.G., 2019 - *Quality of meat gathered from hen broiler in conditions of a slow growth application*. *Journal of Biotechnology*, Vol. 305, Suppliment S, pp. S52 – S52 (I.F.-2,533).

4. Spridon C., Druc Paula Viorela, Gavrilescu Carmen, **Rațu Roxana Nicoleta**, Usturoi A., Usturoi M.G., 2019 - *Influence of rearing system on faty acids and amino acids content in hen eggs* *Journal of Biotechnology*, Vol. 305, Suppliment S, pp. S44 – S45 (I.F.-2,533).

5. Teodorescu Alina, Gabriela Atudosiei, Druc Paula Viorela, Roșca D.C., **Rațu Roxana Nicoleta**, Usturoi M.G., 2019 - *Research on the quality of Guinea Fowl Numida Meleagris eggs*. *Journal of Biotechnology*, Vol. 305, Suppliment S, pp. S57 – S57 (I.F.-2,533).

6. Jitariuc (Sava) Elida Ștefania, Rosca D.C., **Ratu Roxana Nicoleta**, Usturoi M.G., 2019 – *Research on productiv performances of Kabir chicken*. *Journal of Biotechnology*, Vol. 305, Suppliment S, pp. S46 – S46 (I.F.-2,533).

7. Claudia PÂNZARU, GÎLCĂ, I., DOLIȘ, M.Ghe., RADU-RUSU, R.M., **Roxana Nicoleta RAȚU**, Mihaela IVANCIA, 2019 - *Study regarding some reproductive parameters in shagya arabian mares from rădăuți studfarm*, *Scientific papers – Series D-Animal Science*, Vol. 62, pp. 103 - 108.

8. RADU-RUSU, R.M., USTUROI, M.G., DJITIE KOUATCHO, F., HOHA, G.V., Ana LEAHU, OROIAN, M., Sorina ROPCIUC, Roxana Nicoleta RAȚU, Claudia PÂNZARU, 2019 – *Usage of histological and rheological techniques in assessment and prediction of meat textural properties*. *Scientific papers – Series D-Animal Science*, Vol. 62, pp. 264 -269.

9. Panzaru, Claudia, Gilca I, Radu-Rusu R.M., **Ratu Roxana Nicoleta**, Dolis M.G., 2020 - *Study Regarding Morphological Parameters Of Certain Horse Categories Of Shagya Arabian Breed In Radauti Studfarm*, *Scientific Papers-Series D-Animal Science*, Vol. 63 pp:350-354

10. Usturoi M.G, **Ratu Roxana Nicoleta**, Usturoi A, 2020 - *Studies On The Factors Which Influence The Chemical Composition Of Meat From The Chicken Broiler*, *Scientific Papers-Series D-Animal Science*, Vol.63 pp:422-427

11. Radu Rusu, RM; Usturoi, MG; Ratu, Roxana Nioleeta; Djitie Kouatcho, F; Hoha, GV; Usturoi, A; Panzaru, Claudia; Leahu, A; Oroian, M; (Ropciuc, Sorina, 2020 - *Bromelain Treatments Effect On Pork Loin Histological, Textural And Technological Properties*, SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, Volume 63, Issue 2, Page351-355.
12. Porosnicu, I., **Ratu, R.N.**, Davidescu, M.A., Madescu, B.M, Matei, AC, Creangă, S., Usturoi, M.G, 2020 - *Researches on the quality assessment of mozzarella chese from the safety of use*, Scientific Papers-Series D-Animal Science, Vol. 63 pp: 366 – 372
13. Dolis, M. G; Panzaru, Claudia; Dolis, GM; Maftei, M; Ratu Roxana Nicoleta, 2021 - *Contributions To Studies Regarding The Morphological And Reproduction Characters Of Shagya Arabians Horse Breed*, Scientific Papers-Series D-Animal Science, Volume 64, Issue2, Page 45-50.
14. Panzaru, Claudia, Gilca, I; Dolis, MG; Ratu, Roxana Nicoleta ;Radu-Rusu, RM, Spulber, Malina Carina, 2021 - *Study Regarding The Factors Influencing The Price At Psi Annual Auction*, SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, Volume64 Issue1 Page75-80.
15. Usturoi, MG, Ratu, Roxana Nicoleta; Radu-Radu, RM , Ivancia, Mihaela, Usturoi, A., 2021 - *FATTY ACID PROFILE IN EGGS AND EGGS PRODUCTS*, SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, Volume64, Issue2, Page399-403

G. Lucrări BDI – coautor

1. R.G. Mihalache, I. Gîlcă, **R.N. Rațu**, 2023 - *ANALYSIS OF AVERAGE VALUES AND VARIABILITY OF LACTATION PRODUCTION INDICES IN THE BROWN BREED POPULATION FROM THE AREA OF BOTOSANI COUNTY*, Animal & Food Sciences Journal Iasi, 79(3), pp. 40 – 45.
2. Vlad Nicolae ARSENOAIA, **Roxana Nicoleta RAȚU**, Ionuț VELEȘCU, Andrei ISTRATE, Ioan ȚENU, 2022 - *RESEARCH REGARDING THE USE OF AGRICULTURAL EQUIPMENT FLEET MONITORING*, Lucrări Științifice – vol. 65_Supliment/2022, seria Agronomie, pp. 59 – 62
3. Vlad Nicolae ARSENOAIA, Anca CALISTRU, **Roxana Nicoleta RAȚU**, Tudor AOSTĂCIOAEI, Ionuț VELEȘCU, Ioan ȚENU, 2022 - *ROSTSELMASH AXIAL FLOW SYSTEM*, Lucrări Științifice – vol. 65_Supliment/2022, seria Agronomie, pp. 63 – 66.
4. Vlad Nicolae ARSENOAIA, Tudor AOSTĂCIOAEI, Ionuț VELEȘCU, **Roxana Nicoleta RAȚU**, Anca CALISTRU, Andrei ISTRATE, Ioan ȚENU, 2022 - *RESEARCH OF THE EFFICIENCY OF OPERATIONAL MANAGEMENT IN AGRICULTURAL FARMS THROUGH THE USE OF AGRICULTURAL EQUIPMENT FLEET MONITORING SYSTEMS*, Lucrări Științifice – vol. 65_Supliment/2022, seria Agronomie, pp. 55 – 58.
5. Vlad Nicolae ARSENOAIA, Anca CALISTRU, Tudor AOSTĂCIOAEI, **Roxana Nicoleta RAȚU**, Ionuț VELEȘCU, Ioan ȚENU, 2022 - *WORKING PARAMETERS OF ROSTSELMASH TORUM COMBINES*, Lucrări Științifice – vol. 65_Supliment/2022, seria Agronomie, pp. 51 – 54.
6. Vlad Nicolae ARSENOAIA, **Roxana Nicoleta RAȚU**, Andrei ISTRATE, Ionuț VELEȘCU, Ioan ȚENU, 2022 - *THE USE OF GPS SYSTEM DURING FIELD DEWEEDING*, Lucrări Științifice – vol. 65_Supliment/2022, seria Agronomie, pp. 47 – 50.
7. R.G. Mihalache, I. Gîlcă, **R.N. Rațu**, 2022 - *ANALYSIS OF AVERAGE VALUES AND VARIABILITY OF LACTATION PRODUCTION INDICES IN THE BROWN BREED POPULATION FROM THE AREA OF SUCEAVA COUNTY*, Animal & Food Sciences Journal Iasi, 78(2), pp. 232 – 237

8. M.G. Usturoi, R.M. Radu-Rusu, A. Usturoi, **R.N. Rațu**, 2022 - ADAPTABILITY OF LOHMANN BROWN HYBRID TO DIFFERENT PRODUCTION SYSTEMS, *Animal & Food Sciences Journal Iasi*, 78(2), pp. 59 – 65.
9. A. Usturoi, R.N. **Rațu**, M.G. Usturoi, 2022 - NUTRITIONAL VALUE OF SOME ANIMAL PRODUCTS INCLUDED IN THE STRUCTURE OF BREAKFAST, *Animal & Food Sciences Journal Iasi*, Vol. 77 (1), pp. 235 – 239
- 10.C.D. Curea, R.M. Radu-Rusu, **R.N. Rațu**, A. Usturoi, M.G. Usturoi, 2022 - MEAT PRODUCTION IN ROSS-308 HYBRID UNDER EU STANDARDS WELFARE, *Animal & Food Sciences Journal Iasi*, Vol. 77 (1), pp. 223 – 227.
- 11.C.D. Curea, R.M. Radu-Rusu, **R.N. Rațu**, A. Usturoi, M.G. Usturoi, 2022 - RESEARCH ON THE INFLUENCE OF DENSITY ON THE WELFARE CONDITION AND PERFORMANCE OF CHICKEN BROILERS, *Animal & Food Sciences Journal Iasi*, Vol. 77 (1), pp. 211 – 217.
- 12.M.G. Usturoi, A. Teodorescu, R.M. Radu-Rusu, **R.N. Rațu**, A. Usturoi, 2022 - THE INFLUENCE OF THE INCUBATION REGIME ON THE TECHNICAL RESULTS OF THE INCUBATION IN GRAY GUINEA FOWL EGGS, *Animal & Food Sciences Journal Iasi*, Vol. 77 (1), pp. 3 – 9.
- 13.Cipriana Maria Cuciureanu, Roxana Nicoleta **Rațu**, R.M. Radu-Rusu, M.G. Usturoi, 2021 - STUDIES ON THE CHEMICAL COMPOSITION OF CAPON MEAT (CASTRATED ROOSTER) OBTAINED FROM HUBBARD HYBRID, *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, vol. 76, pp. 134 – 138.
- 14.Florin Daniel Lipșa, **Roxana Rațu**, Eugen Ulea, 2021 – Comparative study on the microbiology and morphology of milk and cheese microbiota, *Lucrări Științifice – Vol. 64(2)/2021, Seria Agronomie*, pp. 233 – 238.
- 15.Tugay Ayaşan, **Roxana Nicoleta Rațu**, Hakan İnci, Hilal Yılmaz, 2021- ORGANIC AGRICULTURAL MANAGEMENT DEPARTMENT STUDENTS PERSPECTIVE ON ORGANIC PRODUCT CONSUMPTION HABITS, *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, vol. 75, pp. 145 – 148.
- 16.Doliș M.G., Antohe R.G., Bernardis R., **Rațu Roxana Nicoleta**, Ivancia Mihaela, 2019 - Study regarding the use of mulberry leaves from Eforie variety by Bombyx Mori - Zefir hybrid, *Lucrări Științifice Seria Horticultură*, Vol 62(2), pp. 169 – 180
- 17.Doliș M.G., Pânzaru Claudia, Usturoi A., Avarvarei B.V., **RAȚU Roxana Nicoleta***, 2019 - Research regarding the consumption of mulberry leaves in relation to Bombyx Mori larvae's age, *Lucrări Științifice Seria Horticultură*, Vol 62(2), pp. 181 – 186.
- 18.Marius Gheorghe DOLIȘ, **Roxana Nicoleta RAȚU**, 2019 - Study regarding the use of mulberry leaves (Kokuso 21 variety) by bombyx mori (Triumf hybrid), *Lucrări Științifice – vol. 62(1)/2019, seria Agronomie*, pp. 65 – 71.
- 19.Mihaela Ivancia, **Roxana Nicoleta Rațu**, Gh. Nacu, D.D. Dronca, R.Al. Popa, M. Baștea, C-tin Pasca, 2019 - The zootechnical evaluation of the sheeps in the baștina farm, *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, vol. 72, pp. 221 – 228
- 20.M.G. Usturoi, R.M. Radu-Rusu, **Roxana Nicoleta Rațu**, Al. Usturoi, 2019 - The influence of conditions of pre-incubation of eggs on the final results of the incubation process, *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, vol. 72, pp. 77 – 80.

- 21.M.G. Doliş, Claudia Pânzaru, D. Simeanu, **Roxana Raţu**, C.G. Şonea, 2019 - Study regarding the morphology of reproduction population of pure arabian breed from mangalia studfarm, , Scientific Papers-Animal Science Series: *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 72, pp. 81 - 84.
- 22.Ştefania Elida Jitariuc (Sava), R.M. Radu-Rusu, Al. Usturoi, **Roxana Nicoleta Raţu**, D.C. Roşca, M.G. Usturoi, 2019 -The chemical composition of meat obtained from kabir poultry, Scientific Papers-Animal Science Series: *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 72, pp. 91 - 95.
- 23.Al. Usturoi, M.G. Usturoi, B.V. Avarvarei, **Roxana Nicoleta Raţu**, C.E. Nistor, Cristina Simeanu, 2019 - Research regarding quality of milk and of some dairy products obtained into a small production unit, Scientific Papers-Animal Science Series: *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 72, pp. 238 - 245.
- 24.Ivancia Mihaela, Nacu Gherasim, **Raţu Roxana Nicoleta**, Lucaciu Ioana, Dronca Dorel Dănuţ, Popa Răzvan Alexandru, 2019 - *Study of aberdeen angus population taken into the official control of meat production from S.C. COSMI VAS IMPEX S.R.L., for improvement*, Annals of the University of Oradea, Fascicle: Ecotoxicology, Animal Husbandry and Food Science and Technology, Vol. XVIII/B 2019, pp. 155-164.
- 25.M.G. Usturoi, **Roxana Nicoleta Raţu**, Al. Usturoi, B.V. Avarvarei, 2019 - *Research regarding quality of some powder milk formulas destined for infants*. *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 71(24).
- 26.Ştefania Elida Jitariuc, **Roxana Nicoleta Raţu**, Paula Viorela Druc, C.D. Roşca, M.G. Usturoi, 2019 - *Contributions regarding improvement of productive performances at kabir poultry breed*, *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 71(24).
- 27.Roxana Georgiana Mihalache, I. Gîlcă, Alina Narcisa Postolache, **Roxana Nicoleta Raţu**, M.M. Ciobanu, 2019 - *Influence of season on productive performances at Brown breed exploited in north part of romania*, *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 71(24).
- 28.Carmen Irimia (Gavrilescu), Paula Viorela Druc (Gafencu), **Roxana Nicoleta Raţu**, Al. Usturoi, M.G. Usturoi, 2019 - *Performances of some hen broilers in conditions of a slow growing application in extensive system and with slaughtering at different ages* *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 71(24).
- 29.Carmen Irimia (Gavrilescu), Paula Viorela Druc (Gafencu), **Roxana Nicoleta Raţu**, Al. Usturoi, M.G. Usturoi, 2019 - *Sensorial evaluation of meat gathered from slow growing hen hybrids*, *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 71(24).
- 30.M.G. Usturoi, **Roxana Nicoleta Raţu**, Al. Usturoi, B.V. Avarvarei, 2018 - *Studies regarding quality of powder milk*, *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 69(23).
- 31.C. Spridon, Paula Viorela Druc, Carmen Irimia (Gavrilescu), **Roxana Nicoleta Raţu**, M.G. Usturoi, 2018 - *Studies regarding the influence of rearing system for laying hens on their health state*, *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 69(23).
- 32.C. Spridon, Paula Viorela Druc, Carmen Irimia (Gavrilescu), **Roxana Nicoleta Raţu**, M.G. Usturoi, 2018 - *Studies regarding haematological indicators of laying hens and welfare assured condition*, , *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 69(23).
- 33.R.M. Radu-Rusu, **Roxana Raţu**, Olga Sorocopud, 2017 - „ *Effects of bromelain enzymatic proteolysis on some rheological and technological properties of beef*” *Lucrări Ştiinţifice - Seria Zootehnie*, vol. 68 (22), pg. 77-82.

34.MG Doliș, R Donose, C Simeanu, A Usturoi, **R Rațu**, 2016 - Research regarding chemical composition of the mulberry leaves from Kokuso 21 variety, Analele Universității din Oradea, Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară, vol. 15, nr. A, pg. 207-212.

35.Usturoi M.G., Radu-Rusu R.M., **Roxana Gavril**, 2014 - „Effect of storage conditions on the dynamics of table eggs physical traits”, University of Agricultural Sciences and Veterinary Medicine Iași, Lucrări Științifice – Seria Zootehnie, vol. 61, pg. 20 – 24.

H. Conferințe Internaționale

1. Roxana Nicoleta Rațu, Al. Usturoi, M.G. Usturoi, 2014 – Consideration on the evolution of quality of hen eggs during long storage, XIVth European Poultry Conference, pg. 501, June 2014, Stavanger, Norway.<http://www.wpsa.com/index.php/wpsa-proceedings/2014/xivth-european-poultry-conference/2015-consideration-on-the-evolution-of-quality-of-hen-eggs-during-long-storage/file>

Lucrări PREMIATE

1. Premiul Secțiunii (Tineri cercetători) Procesarea producțiilor animale și siguranța alimentară, colectivului Roxana Gavril și M.G. Usturoi pentru lucrarea „ Effect of storage time and temperature on hen egg quality” Simpozion Științific Internațional 26 – 27 aprilie 2012, Facultatea de Zootehnie Iași.

2. Premiul „Agricola Cardaș” Valorificarea producțiilor animale , colectivului Roxana Nicoleta Gavril (Rațu), M.G. Usturoi, Aida Albu pentru lucrarea „Quality of powder egg stored in different conditions” Simpozion Științific Internațional 23-25 octombrie 2014, Facultatea de Zootehnie Iași.

3. Premiul secțiunii Valorificarea producțiilor animale, colectivului Roxana Nicoleta Rațu și M.G. Usturoi, pentru lucrarea intitulată „ Physical-chemical evaluation n liquid products from pasteurized eggs” Simpozionul Științific Internațional 22 – 24 octombrie 2015, Facultatea de Zootehnie Iași.

REVISTE NEINDEXATE

1. Roxana Gavril și Usturoi M.G., 2012 – „*Contribution regarding the effect of storage conditions of consumption eggs*”. Internatinal Conference of PhD Students „Durable agriculture and food security priority objectives in research activity of the Ph.D. students from UASVM Iasi”, Iași, Vol.I, pg. 186-190. http://www.uaiasi.ro/doctorat/POSDRU_88_1.5_S_52176/documente/conferinta/Program-conferinta.pdf