

LISTA
lucrărilor științifice în domeniul disciplinelor din postul didactic

Teza de doctorat

Cercetări privind optimizarea autoghidării burghiilor utilizate la așchiera alezajelor lungi.
Teză susținută la Universitatea Tehnică Gh. Asachi, Iași, la data de 11.07.1997.

B. Cărți și capitole în cărți publicate în ultimii 10 ani

- B.1. A.M. Nedelea, ș.a...**C. Mironeasa**, Marketing. Concepte și experiențe, Iași, Editura Performantica, 2016, 113-122 pag.
- B.2. **C. Mironeasa**, S. Mironeasa, Cinematica mașinilor-unelte. Îndrumar pentru lucrări de laborator, Editura Universității Suceava, 2020, 64 pag, ISBN 978-973-666-648-5
- B.3. **C. Mironeasa**, S. Mironeasa, Mașini-unelte. Generarea suprafețelor. Îndrumar pentru lucrări de laborator, Editura Universității Suceava, 2020, 68 pag, ISBN 978-973-666-648-3
- B.4. **C. Mironeasa**, S. Mironeasa, Verificarea preciziei mașinilor-unelte. Îndrumar pentru lucrări de laborator, Editura Universității Suceava, 2020, 126 pag, ISBN 978-973-666-649-0

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

- C.1. S. Mironeasa, G.G. Codină, **C. Mironeasa**, (2016), *Optimization of Wheat-Grape Seed Composite Flour to Improve Alpha-Amylase Activity and Dough Rheological Behavior*, International Journal of Food Properties, 19 (4), 859-872, <http://www.tandfonline.com/doi/abs/10.1080/10942912.2015.1045516>
- C.2. Nastasia M., **Mironeasa C.**, "Key performance indicators in small and medium sized enterprises", International Conference New Technologies and products in machine manufacturing technologies, Revista Tehnomus, nr. 23, 46-53, 2016, ISSN-1224-029X, Link:http://www.fim.usv.ro/conf_1/tehnomusjournal/pagini/journal2016/files/8.pdf
- C.3. Nastasia M., **Mironeasa C.**, "Performance measurement in small and medium sized enterprises", International Conference New Technologies and products in machine manufacturing technologies, Revista Tehnomus, nr. 23, pag. 60-67, 2016, ISSN-1224-029X, Link:http://www.fim.usv.ro/conf_1/tehnomusjournal/pagini/journal2016/files/10.pdf
- C.4. S. Mironeasa, G.G. Codină, **C. Mironeasa**, (2016), *Effects of the pumpkin seed addition on bread quality of wheat flour with a very good quality for bread making*, Proceedings of International Conference Modern Technologies in the Food Industry, 20-22 october, Chișinău, pag. 229-238, ISBN 978-9975-87-138-9
- C.5. S. Mironeasa, G.G. Codină, **C. Mironeasa**, (2016), *The Alveograph reological properties and bread quality of composite defated mustard – wheat flour*, 16th International Multidisciplinary Scientific Geoconference SGEM 2016, book 6, Nano, Bio and Green – Technologies for a Sustainable Future, Conference Proceedings, vol. III, pag. 255-261. ISBN 978-619-7105-79-7, ISSN 1314-2704, DOI 10.5593/sgem2016HB63
- C.6. S. Mironeasa, G.G. Codină, **C. Mironeasa**, (2017), *Effect of composite flour made from tomato seed and wheat of 650 type of a strong quality for bread making on bread quality and Alveograph rheological properties*, 4th International Conference on Food Security and Nutrition, ICFSN, pag. 22-26, March 13-15, Praga, Doi: 10.18178/ijfe.4.1.22-26 <http://www.ijfe.org/index.php?m=content&c=index&a=show&catid=126&id=561>
- C.7. M. Nastasia, **C. Mironeasa**, (2017), *Questionnaire characteristics for evaluation of management in small and medium sized enterprises*, International Conference New Technologies and products in machine manufacturing technologies, Revista

- TEHNOMUS, nr. 24, 170-177, ISSN-1224-029X, Suceava, 2017 Link: http://www.fim.usv.ro/conf_1/tehnomusjournal/pagini/journal2017/files/29.pdf,
- C.8. M. Nastasia, C. **Mironeasa**, S. Mironeasa, (2017), *Management of non-financial key performance indicators in small and medium size enterprise. An exploratory study*. 4th International Multidisciplinary Scientifica Conference on Social Science & Arts SGEM 2017, Conference proceeding, Book 1, Modern science, vol V, 607-614, Conference Proceedings, ISBN 978-619-7408-17-1 / ISSN 2367-5659, 24 - 30 August, 2017, Book 1, Vol 5, 607-614 pp, DOI: 10.5593/sgemsocial2017/15/S05.076 <https://sgemworld.at/ssgemlib/spip.php?article4439>
- C.9. M. Nastasia, C. **Mironeasa**, S. Mironeasa, (2017), *The audit of management principles for integrated management systems: An exploratory research on managers perceptions in small and medium size enterprise in Romania*. 4th International Multidisciplinary Scientifica Conference on Social Science & Arts SGEM 2017, Conference proceeding, Book 1, Modern science, vol V, 951-958, Conference Proceedings, ISBN 978-619-7408-17-1 / ISSN 2367-5659, 24 - 30 August, 2017, Book 1, Vol 5, 951-958 pp, DOI: 10.5593/sgemsocial2017/15/S05.119 <https://sgemworld.at/ssgemlib/spip.php?article4592>
- C.10. Iuga M., Mironeasa S., Zaharia D., Ropciuc S., **Mironeasa C.**, (2017), *Effects of Grape Seed Flour Addition on Wheat Flour Dough Rheological Properties*, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, SGEM2017 Vienna GREEN Conference Proceedings, ISBN 978-619-7408-29-4 / ISSN 1314-2704, 27 - 29 November, 2017, Vol. 17, Issue 63, 209-216 pp; DOI: 10.5593/sgem2017H/63/S25.027 <https://sgemworld.at/ssgemlib/spip.php?article11234>
- C.11. Mironeasa S., Iuga M., Zaharia D., Dabija A., **Mironeasa C.**, (2017), *Influence of Particle Size and Addition Level of Grape Seeds on Wheat Flour Dough Rheological Properties*, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, SGEM2017 Vienna GREEN Conference Proceedings, ISBN 978-619-7408-29-4 / ISSN 1314-2704, 27 - 29 November, 2017, Vol. 17, Issue 63, 265-272 pp; DOI: 10.5593/sgem2017H/63/S25.034, <https://sgemworld.at/ssgemlib/spip.php?article11241>
- C.12. Iuga M., Mironeasa S., Zaharia D., Ropciuc S., **Mironeasa C.**, (2017). *Effects of grape seeds flour addition on wheat flour dough rheological properties*. SGEM Vienna Green Conference 2017, 27th – 30th November. <https://sgemworld.at/ssgemlib/spip.php?article11234>
- C.13. Mironeasa S., Iuga M., Zaharia D., **Mironeasa C.**, (2018). *Optimization of grape peels particle size and flour substitution in white wheat flour dough*. 9th Central European Congress on Food (CEFood), Sibiu, 24-26 mai 2018, Romania - abstractul articolului a fost publicat în Abstracts Book, p. 18. ISBN 978-606-12-1546-1.
- C.14. Mironeasa S., Iuga M., Zaharia D., **Mironeasa C.**, (2018). *Response Surface Methodology as a Tool in Optimizing Grape Peels Particle Size and Flour Replacement in Wheat Flour*. The 17th International Symposium Prospects for the 3rd Millennium Agriculture, 27th – 29th September, 2018, Cluj-Napoca, România - abstractul articolului a fost publicat în Book of Abstracts, no. 5/2018, p.268. ISSN 2392-6937.
- C.15. Mironeasa S., Iuga M., **Mironeasa C.**, (2018). *Oscillatory rheology and creep-recovery behaviour of grape seed-wheat flour dough: Effect of grape seed particle size, variety and addition level*. The 17th International Symposium Prospects for the 3rd Millennium Agriculture, 27th – 29th September, 2018, Cluj-Napoca, România - abstractul articolului a fost publicat în Book of Abstracts, no. 5/2018, p. 264. ISSN 2392-6937.
- C.16. Haidar A. A., **Mironeasa C.**, (2018), *CFD analysis of vortex generator effects on aerodynamic performance of hatchback vehicle model*, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, nr. 1, 7-14, ISSN-1224-029X, Suceava, http://www.fim.usv.ro/conf_1/tehnomusjournal/pagini/journal2018/files/01.pdf

- C.17. S Mironeasa, M Iuga, D Zaharia, **C Mironeasa**, (2019), *Rheological Analysis of Wheat Flour Dough as Influenced by Grape Peels of Different Particle Sizes and Addition Levels*, Food and Bioprocess Technology, Volume 12, Issue 2, pp 228–245, ISSN: 1935-5130 (Print) 1935-5149 (Online), Impact Factor 3,032 <https://link.springer.com/article/10.1007/s11947-018-2202-6>
- C.18. Silvia Mironeasa, Mădălina Iuga, Dumitru Zaharia, **Costel Mironeasa**, (2019) *Optimization of grape peels particle size and flour substitution in white wheat flour dough*, Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. 20 (1), pp. 29 – 42, ISSN 1582-540X (Scopus, ISI Web) <http://pubs.ub.ro/?pg=revues&rev=csc6&num=201901&vol=1&aid=4837>
- C.19. S Mironeasa, **C. Mironeasa**, (2019), *Dough bread from refined wheat flour partially replaced by grape peels: Optimizing the rheological properties*. Journal of Food Process Engineering, Volume 42, Issue 6, e13207, <https://doi.org/10.1111/jfpe.13207> Impact factor: 1.448 <https://onlinelibrary.wiley.com/doi/10.1111/jfpe.13207>
- C.20. Mironeasa, Silvia; Iuga, Madalina; Zaharia, Dumitru; **Mironeasa Costel**, (2019) *Optimization of White Wheat Flour Dough Rheological Properties with Different Levels of Grape Peels Flour Addition*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca-Food Science and Technology Volume: 76 Issue: 1 Pages: 27-36. Conferința Internațională "Științele Vieții pentru Dezvoltare Sustenabilă", ediția 18, organizată de Universitatea de Științe Agricole și Medicină Veterinară (USAMV) din Cluj-Napoca
- C.21. Iuga, Madalina, Mironeasa, **Costel, Mironeasa**, Silvia, (2019) *Oscillatory Rheology and Creep-Recovery Behaviour of Grape Seed-Wheat Flour Dough: Effect of Grape Seed Particle Size, Variety and Addition Level*, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca-Food Science and Technology Volume: 76 Issue: 1 Pages: 37-45. Conferința Internațională "Științele Vieții pentru Dezvoltare Sustenabilă", ediția 18, organizată de Universitatea de Științe Agricole și Medicină Veterinară (USAMV) din Cluj-Napoca
- C.22. Haidar A. A., **Mironeasa C.**, (2019), Design an integrated system between finite element analysis and lifecycle quality management to optimize typical design of one industrial parts, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, nr. 1, 9-17, ISSN-1224-029X, Suceava http://www.fim.usv.ro/conf_1/tehnomusjournal/pagini/journal2019/files/01.pdf
- C.23. Lucian Ispas, **Costel Mironeasa.**, (2020), Comparative study regarding the implementation of management systems, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, nr. 1, 28-38, ISSN-1224-029X, Suceava http://www.fim-old.usv.ro/conf_1/tehnomusjournal/pagini/journal2020/files/05.pdf
- C.24. Mirela Nastasia (Androșcă), **Costel Mironeasa** (2021), Monitoring decisions in small and medium sized enterprises using key performance indicators, TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies, nr. 1, 23-29, P - ISSN-1224-029X, E - ISSN-2247-6016 http://www.fim-old.usv.ro/conf_1/tehnomusjournal/pagini/journal2021/files/03.pdf
- C.25. Ionica Coțovanu, **Costel Mironeasa**, Silvia Mironeasa, (2022), Insights into the Potential of Buckwheat Flour Fractions in Wheat Bread Dough, Applied Sciences, 12(5), 1-20, 2023; (ISSN 2076-3417), IF = 2,679, <https://doi.org/10.3390/app12052302> <https://www.mdpi.com/2076-3417/12/5/2302>
- C.26. Ispas L, **Mironeasa C.** (2022), The Identification of Common Models Applied for the Integration of Management Systems: A Review. *Sustainability*. 14(6):3559. IF = 3,251, <https://doi.org/10.3390/su14063559> <https://www.mdpi.com/2071-1050/14/6/3559>
- C.27. Lucian Ispas, **Costel Mironeasa**, Ioan Tamașa, Claudiu Marian Picus (2022), Study on the optimal methods and methodologies used in integrated management systems implementation research. TEHNOMUS Journal New Technologies and Products in

- Machine Manufacturing Technologies, nr. 29, 7-19. <https://fim.usv.ro/tehnomus-journal-2022/>
- C.28. Ionica Coțovanu, **Costel Mironeasa**, Silvia Mironeasa (2023), Nutritionally Improved Wheat Bread Supplemented with Quinoa Flour of Large, Medium and Small Particle Sizes at Typical Doses, *Plants*, 2023, 12(4), 698; <https://doi.org/10.3390/plants12040698>, <https://www.mdpi.com/2223-7747/12/4/698>
- C.29. Ionica Coțovanu, **Costel Mironeasa**, Silvia Mironeasa (2023), Incorporation of Buckwheat Flour at Different Particle Sizes and Distinctive Doses in Wheat Flour to Manufacture an Improved Wheat Bread, *Foods* 2023, 12(8), 1730; <https://doi.org/10.3390/foods12081730>, <https://www.mdpi.com/2304-8158/12/8/1730>
- C.30. Ispas, Lucian, **Costel Mironeasa**, Alessandro Silvestri. (2023). Risk-Based Approach in the Implementation of Integrated Management Systems: A Systematic Literature Review. *Sustainability* 2023, 15, 10251. <https://doi.org/10.3390/su151310251>, <https://www.mdpi.com/2071-1050/15/13/10251>
- C.31. Mironeasa S, Coțovanu I, **Mironeasa C**, Ungureanu-Iuga M. (2023), A Review of the Changes Produced by Extrusion Cooking on the Bioactive Compounds from Vegetal Sources. *Antioxidants*. 2023; 12(7):1453. <https://doi.org/10.3390/antiox12071453>, <https://www.mdpi.com/2076-3921/12/7/1453>
- C.32. Afaf Ejaz, Sadaf Waliat, Muhammad Sajid Arshad, Waseem Khalid, Muhammad Zubair Khalid, Hafiz Ansar Rasul Suleria, Marian-Ilie Luca, **Costel Mironeasa**, Ana Batariuc, Mădălina Ungureanu-Iuga, Ionica Coțovanu, Silvia Mironeasa (2023), A comprehensive review of summer savory (*Satureja hortensis* L.): promising ingredient for production of functional foods, *Frontiers in Pharmacology*, 2023 Sec. Ethnopharmacology, Volume 14, 1-16, <https://doi.org/10.3389/fphar.2023.1198970>, <https://www.frontiersin.org/articles/10.3389/fphar.2023.1198970/full>
- C.33. Khalil E, Sultan MT, Khalid W, Khalid MZ, Rahim MA, Saleem SR, Luca M-I, **Mironeasa C**, Batariuc A, Ungureanu-Iuga M, Coțovanu I and Mironeasa S, (2023) Evaluation of Different Terminalia chebula Varieties and Development of Functional Muffins, *Frontiers in Sustainable Food Systems*, section Sustainable Food Processing. Volume 7:1227851, 1-12| <https://doi.org/10.3389/fsufs.2023.1227851>, https://www.frontiersin.org/articles/10.3389/fsufs.2023.1227851/full?&field=&journalName=Frontiers_in_Sustainable_Food_Systems&id=1227851
- C.34. Ispas, L., **Mironeasa C**. (2023), KPI indicators and objectives of integrated management system in industrial companies in Romania. *TEHNOMUS Journal New Technologies and Products in Machine Manufacturing Technologies*, nr. 30, 54-61. <https://fim.usv.ro/articole-tehnomus-2023/>
- C.35. Mironeasa, S., Ungureanu-Iuga, M., Ursachi V.F. & **Mironeasa, C**. (2024). Seedless grape pomace to increase fiber content in extruded corn snacks. *Ukrainian Food Journal*, 13(4). DOI:10.24263/2304-974X-2024-13-4-3
- C.36. Mădălina Ungureanu-Iuga, Silvia Mironeasa **Costel Mironeasa**, Ana Batariuc, Mircea-Adrian Oroian (2024). Extruded snacks from maize flour with red grape pomace, *Ukrainian Food Journal*, 13(3). DOI: 10.24263/2304-974X-2024-13-3-9
- C.37. Mironeasa, S., Ungureanu-Iuga, M., & **Mironeasa, C**. (2024). Assessing of maize-based snacks formulated with whole and seedless white grape pomace. *Carpathian Journal of Food Science & Technology*, 16(4). DOI: 10.34302/crpjfst/2024.16.4.1
- C.38. Ispas, L., **Mironeasa, C.**, & Silvestri, A. (2025). A Study on the Emergence and Resilience of Integrated Management Systems in Organizations with an Industrial Profile in Romania. *Sustainability*, 17(6), 2401. <https://doi.org/10.3390/su17062401> <https://www.mdpi.com/2071-1050/17/6/2401> Impact factor 3,3 (Q2, zona galbenă)
- C.39. Mironeasa, S., Ungureanu-Iuga, M., **Mironeasa, C.**, Oroian, M. A., & Rotaru, G. M. (2025). Characterization and possible valorization of grape skin in extruded crisps. *Future*

Foods, 100727. <https://doi.org/10.1016/j.fufo.2025.100727> Impact factor 8,2 (Q1, zona roșie)

- C.40. Ungureanu-Iuga, M., Mironeasa, S., **Mironeasa, C.**, Oroian, M. A. Rotaru, G.M., (2025), Whole grape pomace - a promising functional ingredient for corn-based extruded puffs, Applied Food Research, 5(2), 101348, <https://doi.org/10.1016/j.afres.2025.101348>. (<https://www.sciencedirect.com/science/article/pii/S2772502225006535>)

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

- D.1. Cramariuc, O., Dimian, M., **Mironeasa, C.**, Nastase, C., Turcu, C., Popa, V., & Cramariuc, G. (2024). Developing dual higher education in Romania: Regulations and infrastructures, limitations and perspectives. 1st European Dual Higher Education Conference, Paola, Malta, 39-41.

E. Brevete obținute în întreaga activitate

- E.1. M. Ciobanu, S. Mironeasa, **C. Mironeasa**, Instalație de prelucrare magneto-abrazivă. Brevet nr. 132627 din 18.03.1988
- E.2. V.D. Bores, **C. Mironeasa**, Dispozitiv pentru suprafinisarea calelor plan paralele prin metoda magneto-abrazivă, Brevet nr. 100360 din 29.12.1989
- E.3. D. Iacob, **C. Mironeasa**, Cameră de descărcare electrohidraulică, cu electrod mobil în timpul descărcării, Brevet nr. 123073 din 30.09.2010
- E.4. G.G. Codină, S. Mironeasa, **C. Mironeasa**, Biscuiți hipocalorici și procedeu de obținere a acestora, Brevet nr. RO127370/30.09.2014
- E.5. G.G. Codină, S. Mironeasa, **C. Mironeasa**, Vafe cu conținut ridicat de fibre și procedeu de obținere a acestora, Brevet nr. RO127372/30.09.2014
- E.6. G.G. Codină, S. Mironeasa, **C. Mironeasa**, Napolitane cu conținut ridicat de fibre și procedeu de obținere a acestora, Brevet nr. RO127473/30.09.2014
- E.7. S. Mironeasa, **C. Mironeasa**, Codină G.G. Iuga M., 2022, Dispozitiv și metodă de extracție a uleiului din semințe oleagionase RO 132758 (B1) Disponibil online: https://ro.espacenet.com/publicationDetails/originalDocument?FT=D&date=20221028&DB=&locale=ro_RO&CC=RO&NR=132758B1&KC=B1&ND=4#
- E.8. S. Mironeasa, **C. Mironeasa**, 2022, Presă rotativă pentru extracția uleiului din semințe oleagionase RO 133160 (B1) Disponibil online: https://ro.espacenet.com/publicationDetails/originalDocument?FT=D&date=20220729&DB=&locale=ro_RO&CC=RO&NR=133160B1&KC=B1&ND=4#
- E.9. Mironeasa Silvia; Zaharia Dumitru; **Mironeasa Costel**; Dabija Adriana; Iuga Mădălina, 2023, Făină compozit pentru produse de panificație, cu indice glicemic redus, RO133116 (B1)
- E.10. Mironeasa Silvia; Zaharia Dumitru; **Mironeasa Costel**; Codină Georgiana Gabriela; Iuga Mădălina, 2023, Mix din făină de grâu tip 550 și făină din piețițe și semințe de struguri, RO133117 (B1)
- E.11. Mironeasa S., **Mironeasa C.**, 2023. Device useful for extracting oil from oilseeds, EP3795343 (B1), Bulletin 2023/49. Disponibil online:
- E.12. Mironeasa S., **Mironeasa C.** (2025). Presă rotativă pentru extracția uleiului din semințe oleaginoase. RO 134830 B1
- E.13. Mironeasa S., **Mironeasa C.**, Iuga Mădălina (2025). Presă cu posturi multiple pentru extracția uleiului din semințe oleaginoase. RO 133159 B1

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Semnătura:

