

LISTA DE LUCRĂRI

s.l.dr.ing. ARION Mircea - Nicolae

conform art.12 din metodologia proprie de concurs pentru ocuparea posturilor didactice și de cercetare vacante în Universitatea din Oradea din 29.01.2024

Art. 12. - Dosarul de concurs va conține lucrările, articolele/studiile, publicațiile realizate de candidat, relevante în domeniul disciplinelor postului, iar lista acestora va fi structurat6 astfel:

- a) lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru domeniul disciplinelor postului pentru care candidează;
- b) teza sau tezele de doctorat;
- c) brevete de invenție și alte titluri de proprietate industrială;
- d) cărți și capitole în cărți;
- e) articole/studii în extenso, publicate în reviste din fluxul științific internațional principal;
- f) publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;
- g) alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice.

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- a. lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru domeniul disciplinelor postului pentru care candidează;

Lista 10 lucrări relevante:

1. Vasile Darie Soproni, Livia Bandici , Alin Cristian Teusdea, Francisc Ioan Hathazi, **Mircea Nicolae Arion**, Carmen Otilia Molnar, Claudia Andrada Dale and Simona Ioana Vicas, *Phenolic Content, Antioxidant Capacity, and Browning Impact of Apple Slices during Microwave Drying: A Chemometric Approach*, Processes, 2023, 11, 6,
WOS:001017768200001
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:001017768200001>
2. Livia Bandici , Alin Cristian Teusdea, Vasile Darie Soproni, Francisc Ioan Hathazi, **Mircea Nicolae Arion**, Carmen Otilia Molnar and Simona Ioana Vicas - *The Influence of Microwave Treatments on Bioactive Compounds and Antioxidant Capacity of Mentha piperita L.* Materials 2022, 15, 7789.
WOS:000882153600001
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:000882153600001>
3. **Arion Mircea Nicolae**, Livia Bandici, Teușdea Alin Cristian, Vicaș Simona Ioana, Molnar Carmen Otilia, Șoproni Vasile Darie, Hathazi, Francisc Ioan, Gyrody Cornelia Aurora, *The Drying of Peppermint Plants Using Microwave Energy*, Journal of Electrical and Electronics Engineering (JEEE), Oradea, vol. 15, no.2, october, 2022,

Document Type: JOURNAL Paper

<https://www.scopus.com/authid/detail.uri?authorId=24342720200>

4. Francisc Ioan Hathazi, Vasile Darie Şoproni, **Mircea Nicolae Arion**, Carmen Otilia Molnar, Simina Vicaş (Coman), Olimpia Smaranda Mintas, The Use of Microwave Drying Process to the Granular Materials, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No.11, 2019, pp.23-29, ISSN : 2156-5570 (Online), ISSN : 2158-107X (Print), (DOI) : 10.14569/IJACSA.2019.0101104, **Document Type: JOURNAL Paper**, WOS: 000504404900004
http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=D2B4gVjgYFnMlclbpPr&page=1&doc=1&cacheurlFromRightClick=no
5. **Mircea – Nicolae Arion**, Francisc – Ioan Hathazi, Cornelia Gordan, *Aspects Regarding the Extraction of Menthol Oils in High Frequency Electromagnetic Field*, Revue roumaine des sciences techniques, SérieÉlectrotechnique et Énergétique, Vol 63/ No: 3, 2018, Publisher : Romanian Academy, Publishing House of the Romanian Academy,Format print and electronic ISSN: 0035-4066, pp271-276, **WOS: 000454752800006**
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:000454752800006>
6. T Leuca, **M. Arion**, *About Numerical Analysis of Electromagnetic and Thermal Field in Induction Equipment with Moving Bodies*, Revue roumaine des sciences techniques, SérieÉlectrotechnique et Énergétique, No: 3, 2009, Publisher : Romanian Academy, Publishing House of the Romanian Academy,Format print and electronic ISSN: 0035-4066, pp271-280
WOS:000269812800005
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:000269812800005>
7. **M. Arion**, G.R. Cheregi, *About the analisys of simultaneous induction hardening method of pinions with rectangular coil*, Jurnal of electrical and electronics engineering, University of Oradea, 2008, ISSN 1844-6035, pp 7-11. **Document Type: JOURNAL Paper** <https://www.scopus.com/record/display.uri?eid=2-s2.0-79956269155&origin=resultslist&sort=plf-f&src=s&sid=E8DFFF1DBBE9E5F7C437A7EDD0DB4784.wsnAw8kcdt7IPYLO0V48gA%3a630&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2824342720200%29&relpos=25&citeCnt=0&searchTerm=>
8. **ARION Mircea Nicolae**, HATHAZI Francisc Ioan, MOLNAR Carmen Otilia, SOPRONI Vasile Darie, *Aspects Regarding the Numerical Modeling of the Electromagnetic Induction Heating Process Used for Hot Deformation of Semi-finished Parts*, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN: 1844-6035, Editura Universitatii din Oradea, Romania, Vol.7, Nr.2,May, oct 2014, pp. 5-8, **Document Type: JOURNAL Paper**
<https://www.scopus.com/record/display.uri?eid=2-s2.0-84922475303&origin=resultslist>

9. **Mircea – Nicolae Arion**, Francisc – Ioan Hathazi, Otilia Molnar Carmen, Darie Soproni Vasile, Marius Codrean – *About the extraction in microwave field of the essential oils and beta-carotene from carrots*, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 75-78, Published: 2017, JUN 01-02, 2017, ORADEA, ROMANIA, ISBN:978-1-5090-6073-3, **WOS:000427085200018**
Document Type: Proceedings Paper,
<https://www.webofscience.com/wos/woscc/full-record/WOS:000427085200018>
10. **ARION Mircea**, HATHAZI Francisc Ioan, “*The numerical computation of coupled problem for the electromagnetic and thermal field within the hardening processes of valve guides through electromagnetic induction*”, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.5, Nr.2, October, 2012, pp. 21-24,
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-84872933375&origin=resultslist>

b. teza sau tezele de doctorat;

1. Titlul tezei de doctorat: **Contribuții privind analiza numerică a câmpului eletromagnetic cuplat cu cel termic în sisteme de încălzire prin inducție cu elemente în mișcare;**

Conducător științific: prof.univ.dr.ing. Teodor Leuca;

Domeniul fundamental: Științe ingineresti;

Domeniul de doctorat: Inginerie electrică;

Instituția organizatoare de doctorat: Universitatea din Oradea;

Anul susținerii: 2007;

Ordinul Ministrului Educației și Cercetării nr. 1418 / 29.06.2007;

Țara: România, Localitatea: Oradea.

c. brevete de invenție și alte titluri de proprietate industrială;

d. cărți și capitole în cărți;

1. Francisc Ioan Hathazi, Vasile Darie Șoproni, **Mircea Nicolae Arion**, Carmen Otilia Molnar, Supraconductori și sisteme supraconductoare. Fenomenul supraconductibilității și a diamagnetismului perfect, 2016, Editura Universității din Oradea, ISBN 978 – 606 – 10 – 1854 – 3, pp.107;
2. Francisc Ioan Hathazi, **Mircea Nicolae Arion**, Vasile Darie Șoproni, Carmen Otilia Molnar, Elemente de teoria circuitelor electrice. Note de curs, Editura Universității din Oradea, ISBN 978 – 606 – 10 – 1855 – 0, pp.149, 2016, format electronic;
3. Francisc – Ioan Hathazi, Vasile – Darie Șoproni, **Mircea – Nicolae Arion**, Carmen Otilia Molnar, Supraconductori și sisteme supraconductoare. Aplicații practice, Editura

Universității din Oradea, ISBN 978 – 606 – 10 – 1856 – 7, pp. 56, 2016, *îndrumător de laborator – format electronic*;

4. Teodor LEUCA, Carmen Molnar, **Mircea Nicolae Arion** – Elemente de bazele electrotehnicii – Aplicații utilizând tehnici informatice, Editura Universității din Oradea, 2014, 471 pag , ISBN 978-606-10-1284-8
5. Carmen Molnar, **Mircea Arion** – Electrotehnică. Indrumator de laborator, Editura Universității din Oradea, 2003, 110 pag, ISBN 973-613-274-9

e. articole / studii în extenso, publicate în reviste din fluxul științific internațional principal;

Reviste indexate WOS

1. Vasile Darie Soproni, Livia Bandici , Alin Cristian Teusdea, Francisc Ioan Hathazi, **Mircea Nicolae Arion**, Carmen Otilia Molnar, Claudia Andrada Dale and Simona Ioana Vicas, *Phenolic Content, Antioxidant Capacity, and Browning Impact of Apple Slices during Microwave Drying: A Chemometric Approach*, Processes, 2023, 11, 6, **WOS:001017768200001**
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:001017768200001>
2. Livia Bandici , Alin Cristian Teusdea, Vasile Darie Soproni, Francisc Ioan Hathazi, **Mircea Nicolae Arion**, Carmen Otilia Molnar and Simona Ioana Vicas - *The Influence of Microwave Treatments on Bioactive Compounds and Antioxidant Capacity of Mentha piperita L.* Materials 2022, 15, 7789.,
WOS:000882153600001
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:000882153600001>
3. Gordan, CE; Gordan, JM; Soproni, VD; Molnar, CO; **Arion, MN** ; Hathazi, FJ - *Reduction of the Humidity Contained in the Harvest Cereals by the Means of in High Frequency Electromagnetic Field Processing*, INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS (IJACSA), Volume: 11, Issue: 7, Pages: 40-45, Published: JUL 2020, ISSN: 2158-107X, eISSN: 2156-5570,
WOS: 000568850200007
Document Type: JOURNAL Paper,
<https://www.webofscience.com/wos/woscc/full-record/WOS:000568850200007>
4. Francisc Ioan Hathazi, Vasile Darie Șoproni, **Mircea Nicolae Arion**, Carmen Otilia Molnar, Simina Vicaș (Coman), Olimpia Smaranda Mintas, *The Use of Microwave Drying Process to the Granular Materials*, (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No.11, 2019, pp.23-29, ISSN : 2156-5570 (Online), ISSN : 2158-107X (Print), (DOI) : 10.14569/IJACSA.2019.0101104 ,
WOS: 000504404900004
Document Type: JOURNAL Paper,
<https://www.webofscience.com/wos/woscc/full-record/WOS:000504404900004>

5. **Mircea – Nicolae Arion**, Francisc – Ioan Hathazi, Cornelia Gordan, *Aspects Regarding the Extraction of Menthol Oils in High Frequency Electromagnetic Field*, Revue roumaine des sciences techniques, SérieÉlectrotechnique et Énergétique, Vol 63/ No: 3, 2018, Publisher : Romanian Academy, Publishing House of the Romanian Academy,Format print and electronic ISSN: 0035-4066, pp271-276,
WOS: 000454752800006
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:000454752800006>

6. F.I.Hathazi, **M.N.Arion**, Daniela Iordache, - *Microwave reticulation of epoxy resin used for single layer electric insulations*, Journal of Microwave Power and Electromagnetic Energy, 49 (30, 2015, pp. 171 – 181, a Publication International Microwave Power Institute (IMPI), JMPEE, Volume 49, Issues 3, ISSN 0823-7823,
WOS:000367651500005
Document Type: JOURNAL Paper
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7. **M.Arion**, T. Leuca, F. I. Hantila, *Numerical analysis method for solving the coupled electromagnetic and thermal field Questions for induction heating systems with moving parts*, Journal of Optoelectronics and Advanced Materials 2008, Vol. 10, No.5, ISSN 1454-4164, p 1213-1217,
WOS:000256499900042
Document Type: JOURNAL Paper
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8. T Leuca, **M. Arion**, *About Numerical Analysis of Electromagnetic and Thermal Field in Induction Equipment with Moving Bodies*, Revue roumaine des sciences techniques, SérieÉlectrotechnique et Énergétique, No: 3, 2009, Publisher : Romanian Academy, Publishing House of the Romanian Academy,Format print and electronic ISSN: 0035-4066, pp271-280,
WOS:000269812800005
Document Type: JOURNAL Paper
<https://www.webofscience.com/wos/woscc/full-record/WOS:000269812800005>

Reviste indexate BDI

9. ROTARU Daniel, BANDICI Livia, **ARION Mircea**, *Study on a Push-Down Electromagnetic Levitation System*, Journal of Electrical and Electronics Engineering (JEEE), Oradea, vol. 17, no.1, may, 2024,
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85198344116&origin=resultslist>

10. **Arion Mircea Nicolae**, Livia Bandici, Teuşdea Alin Cristian, Vicaş Simona Ioana, Molnar Carmen Otilia, Şoproni Vasile Darie, Hathazi, Francisc Ioan, Gyrody

Cornelia Aurora, The Drying of Peppermint Plants Using Microwave Energy, Journal of Electrical and Electronics Engineering (JEEE), Oradea, vol. 15, no.2, october, 2022,

Document Type: JOURNAL Paper

<https://www.scopus.com/authid/detail.uri?authorId=24342720200>

11. Carmen O. Molnar, Darie V. Şoproni, **Mircea N. Arion**, Francisc I. Hathazi, Parameters analysis of the photovoltaic systems to the variation of the inclination angle to horizontal plane, Revista de Tehnologii Neconventionale 20.3 (Sep 2016): 54-58,

Document Type: JOURNAL Paper,

<https://web.b.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=23598646&asa=Y&AN=119104417&h=%2bcSg%2bGOWGL%2fntrbQATf0zOGca6laegSiKhoxZI2caWew5MV7VsFpzP9teNfu8I4UldKnDDiyFY84Gzco5todPw%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d23598646%26asa%3dY%26AN%3d119104417>

12. Darie V. Şoproni, Carmen O. Molnar, **Mircea N. Arion**, Francisc I. Hathazi - Parameters analysis of a thermal installation with heat pipe vacuum tube solar collector, Revista de Tehnologii Neconventionale 19.3 (Sep 2015): 43-48,

Document Type: JOURNAL Paper

<http://search.proquest.com/openview/89179f288ca4f08612022678579a435a/1?pq-origsite=gscholar>

13. **ARION Mircea Nicolae**, HATHAZI Francisc Ioan, MOLNAR Carmen Otilia, SOPRONI Vasile Darie, *Aspects Regarding the Numerical Modeling of the Electromagnetic Induction Heating Process Used for Hot Deformation of Semi-finished Parts*, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN: 1844-6035, Editura Universitatii din Oradea, Romania, Vol.7, Nr.2, May, oct 2014, pp. 5-8,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84922475303&origin=resultslist>

14. MOLNAR Carmen Otilia, LEUCA Teodor, COMAN Simina, **ARION Mircea**, SOPRONI Vasile Darie, *Results Concerning the Optimization of Factors that Interfere in the Drying Process of Skins in Microwave Field*, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.6, Nr.1, May, 2013, pp. 83-86,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84879733649&origin=resultslist&sort=plf-f&src=s&sid=E8DFFF1DBBE9E5F7C437A7EDD0DB4784.wsnAw8kcdt7IPYLO0V48gA%3a80&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2824342720200%29&relpos=3&citeCnt=0&searchTerm=>

15. **ARION Mircea**, HATHAZI Francisc Ioan, *“The numerical computation of coupled problem for the electromagnetic and thermal field within the hardening processes of valve guides through electromagnetic induction”*, Journal of Electrical and Electronics Engineering, Indexata BDI, B+, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.5, Nr.2, October, 2012, pp. 21-24,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84872933375&origin=resultslist>

16. **Arion, M.**, Leuca, T., Hathazi, F.I., Soproni, V.D., Molnar, C., Cheregi, G., *Aspects regarding the numerical computation of the eddy current problem within the electromagnetic induction processes of thin planes*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 5, Issue 2, October 2012, Pages 17-20,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84872963916&origin=resultslist>

17. Soproni, V.D., Vicas, S.M., Leuca, T., **Arion, M.N.**, Hathazi, F.I., Molnar, C.O., *High frequency electromagnetic field modeling and experimental validation of the microwave drying of wheat seeds*, Progress In Electromagnetics Research B, ISSN: 19376472, Issue 41, 2012, Pages 419-439,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84864324240&origin=resultslist>

18. Vicas, S., Leuca, T., Soproni, D., **Arion, M.**, Molnar, C., Hathazi, F.I.; *Experimental results of wheat seeds processed in microwave field*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 5, Issue 1, May 2012, Pages 269-272, ,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84866235734&origin=resultslist>

19. Şoproni Darie, Vicaş Simina, Molnar Carmen, **Arion Mircea**, Hathazi Francisc Ioan, *Analysis Variation of Drying Parameters of Corn Seeds Processed in Microwave Field. Thermal Field Analysis*, Journal of Electrical and Electronics Engineering, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.5, Nr.1,May, 2012, pp. 225-228,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-84866264380&origin=resultslist>

20. Şoproni, D., Vicaş, S., Hathazi, F.I., **Arion, M.**, Molnar, C., Coman, O.; *The study of drying characteristics of wheat seeds in microwave field for different processing conditions*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 2, October 2011, Pages 103-106,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-82555182706&origin=resultslist>

21. Vicaş, S., Şoproni, D., Leuca, T., **Arion, M.**, Hathazi, F.I., Molnar, C.; *Experimental results of corn seeds dried in microwave field*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 2, October 2011, Pages 107-110,

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-82555173694&origin=resultslist>

22. Vicaș, S., Șoproni, D., Leuca, T., **Arion, M.**, Hathazi, F.I., Molnar, C.O; *Parameter variation of wheat seeds dried in microwave field*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 1, 2011, Pages 237-240,
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-79959692917&origin=resultslist>

23. **Arion, M.**, Șoproni, D., Vicaș, S., Leuca, T., Hathazi, F.I., C, Molnar, C., Bandici, L.; *Microwave drying process of corn seeds*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 4, Issue 1, 2011, Pages 11-14,
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-79959751844&origin=resultslist>

24. CO Molnar, T Leuca, L Bandici, VD Soproni, **MN Arion**, The Development of Methods for Solving the Electromagnetic and Thermal Fields in Microwave Installations, Journal of Electrical and Electronics Engineering, ISSN:1844 – 6035, Editura Universitatii din Oradea, Romania, Vol.4, Nr.1, Mai, 2011,
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-79959708089&origin=resultslist>

25. Șoproni, D., Vicaș, S., Leuca, T., Hathazi, F.I., **Arion, M.**; *Analysis variation of the parameters for the drying with microwaves of the cereals in various processing conditions*, Journal of Electrical and Electronics Engineering, Volume 3, Issue 1, 2010, Pages 201-204
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-78650446099&origin=resultslist>

26. **Arion, M.N.**, Hathazi, F.I., Soproni, D., Molnar, C.O. – *Study regarding the electromagnetic field into microwave drying equipments*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 3, Issue 1, 2010, Pages 21-24
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-78650503073&origin=resultslist>

27. Cheregi Gabriel, **ARION Mircea**, *About analisys of simultaneous induction hardening method of disk used at suspense harrow in agriculture with rectangular coil*, Journal of Electrical and Electronics Engineering, University of Oradea, 2010, Vol.3 Nr.2, pp. 47-51, ISSN 1844-6035, Editura Universității din Oradea
Document Type: JOURNAL Paper
<https://www.scopus.com/record/display.uri?eid=2-s2.0-80955125705&origin=resultslist&sort=plf-f&src=s&sid=E8DFFF1DBBE9E5F7C437A7EDD0DB4784.wsnAw8kcdt7IPYLOOV48gA%3a80&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2824342720200%29&relpos=16&citeCnt=0&searchTerm=>

28. HRENIUC Ovidiu, **ARION Mircea**, *Numerical analysis of the worming process through induction in matters of thermal treatment*, Journal of Electrical and Electronics Engineering, University of Oradea, 2010, Vol.3 Nr.1, pp. 103-106, ISSN 1844-6035, Editura Universității din Oradea
Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-80955159196&origin=resultslist&sort=plf-f&src=s&sid=E8DFFF1DBBE9E5F7C437A7EDD0DB4784.wsnAw8kcdt7IPYLOOV48gA%3a80&sot=autdocs&sdt=autdocs&sl=18&s=AU-ID%2824342720200%29&relpos=17&citeCnt=1&searchTerm=>

29. S Vicas, S Darie, FI Hathazi, **M Arion**, *Parameter variation in the drying process of the Thuringia barley seeds.*, Analele Universității din Oradea, Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară 2010 pp. 931-938, ISSN 1583-4301,

Document Type: JOURNAL Paper

<https://www.cabdirect.org/cabdirect/abstract/20113173138>

30. Hathazi, F.I., Soproni, V.D., **Arion, M.N.**, Molnar, C.O., Bandici, L.; *Solution for using the microwave energy in order to improve the quality for agricultural seeds. generation and processing microwave system*, Journal of Electrical and Electronics Engineering, ISSN: 18446035, Volume 2, Issue 1, 2009, Pages 56-59

Document Type: JOURNAL Paper

<https://www.scopus.com/record/display.uri?eid=2-s2.0-79959325977&origin=resultslist>

31. G. R. Cheregi, **M. Arion**, About the analisys of simultaneous induction hardening method of disk used at suspense harrow in agriculture with circular coil, Journal of Electrical and Electronics Engineering, University of Oradea, 2009, Vol 2, Nr 2, pp 17-20, ISSN 1844-6035.

Document Type: JOURNAL Paper

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32. G.R. Cheregi, F.I. Hantila, L. Ocheana, **M. Arion**, G. Barbu, *Quality aspects of the quasistationary electromagnetic field*, Journal of Electrical and Electronics Engineering, University of Oradea, 2009, Vol 2, Nr 1, pp 18-21, ISSN 1844-6035.

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