

Nume Prenume:SEBEȘAN RADU DIMITRIE.....

Gradul didactic:ȘEF LUCRĂRI.....

Instituția unde este titular: UNIVERSITATEA DIN ORADEA

Facultatea: DE INGINERIE ELECTRICĂ ȘI TEHNOLOGIA INFORMAȚIEI

Departamentul: .INGINERIE ELECTRICĂ

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat SISTEME ELECTROTERMICE.MODELAREA NUMERICĂ A CÂMPULUI ELECTROMAGNETIC ÎN CÂMP DE MICROUNDE

B. Cărți și capitole în cărți publicate

1.

C. Lucrări indexate ISI/BDI publicate.

1. Sebeșan M., Badea G.E., **Sebeșan R.**, Stanasel O.: Predicting mineral deposits that is formed in installations with geothermal fluids by physico-chemical study , Journal of Sustainable Energy, Vol. 4, No. 2, June, 2013, University of Oradea, Romania, ISSN 2067-5534, www.energy-cie.ro
2. **Radu Sebeșan**, Mioara Sebeșan, , "Geochemical studies about well 4014 from Chișlaz situated in Bihor county", Analele Universității din Oradea, Fascicula Protecția Mediului Vol. XXI, 2014 ,7-8.noiembrie 2014, <http://protmed.uoradea.ro/>
3. M. Sebeșan, O.Stanasel, **R. Sebeșan**, The Study of Silica Content in Geothermal Waters Function of Temperature.Proceedings World Geothermal Congress 2015 Melbourne, Australia, 19-25 April 2015 <http://geothermal.stanford.edu> pangea.stanford.edu
4. Maria Durgau, Radu Sebeșan" Study on the conversion of geothermal water into electricity "IEEE ,11 iun/EMES.2015. ISBN 978-1-4799-7649-2 <http://ieeexplore.ieee.org> 10.1109/EMES.2015.7158415 <https://www.scopus.com> WOS 15305006 25,<https://www.ebscohost.com/titleLists/asr-journals.htm>
5. Radu Sebeșan,Maria Durgau," Electromagnetic Field Analysis Inside Applicator with Ceramic Cavity at Drying the Refractory Material "IEEE 01-02 iun/EMES.2017. ISBN 978-1-4799-7649-2 <http://ieeexplore.ieee.org> 10.1109/EMES.2017.7973337 <https://www.scopus.com> WOS 17043266, 67 <https://www.ebscohost.com/titleLists/asr-journals.htm>
6. Iulia Naghiu ; Teofil Ovidiu Gal ; Radu-Dimitrie Sebeșan ; Gianina Gabor ; Laurentiu Copil ; Cristian Vancea, Extracting Essential Oils from the Rosehips in the Microwave Field, 15th International Conference on Engineering of Modern Electric Systems (EMES), Date of Conference: 13-14 June 2019, DOI: 10.1109/EMES.2019.8795209, Publisher: IEEE, Electronic ISBN: 978-1-7281-0773-8USB ISBN: 978-1-7281-0772-1Print on Demand(PoD) ISBN: 978-1-7281-0774-5, DOI: 0.1109/EMES.2019.8795209 WOS: 000503434500026 <http://apps.webofknowledge.com>.
7. Mioara Sebeșan, Gabriela Elena Badea, Radu Sebeșan, Ilona Katalin Fodor, Simona Bungau, Simona Ticu (Cotorcea)"Physico chemical monitoring tests of geothermal water production wells"revista de chimie founded in 1949,impact factor: 1.605,osim nr. r102355,issn 0034-7752issn 2537-5733 (cd-

rom),issn-l 1582-9049 (online)issue: 2019 volume 70, number 11,https://www.scopus .com was 17043266, ,pag3783 – 3787

8. Radu Sebesan, Gabriela Badea , Mioara Sebesan, Sorin Hodișan Interpretation of Chemical Data from Geothermal Wells: 1021 Tamaseu and 605 Mihai Bravu in Bihor County.Proceedings World Geothermal Congress 2015 Melbourne, Australia, 19-25 April 2015 [http://geothermal.stanford.edu,pangea.stanford.edu\(http://www.geothermal-energy-science.net/home.html\).https://link.springer.com/journal](http://geothermal.stanford.edu,pangea.stanford.edu(http://www.geothermal-energy-science.net/home.html).https://link.springer.com/journal).

9. M. Sebesan, O.Stanasel, R. Sebesan, The Study of Silica Content in Geothermal Waters Function of Temperature.Proceedings World Geothermal Congress 2015 Melbourne, Australia, 19-25 April 2015 [http://geothermal.stanford.edupangea.stanford.edu\(http://www.geothermal-energy-cience.net/home.html\).https://link.springer.com/journal](http://geothermal.stanford.edupangea.stanford.edu(http://www.geothermal-energy-cience.net/home.html).https://link.springer.com/journal).

10. Radu Sebeșan, Mioara Sebeșan, , “Geochemical studies about well 4014 from Chișlaz situated in Bihor county”, Analele Universității din Oradea, Fascicula Protecția Mediului Vol. XXI, 2014 ,7-8.noiembrie 2014, <http://protmed.uoradea.ro/> , <https://www.cabi.org>

11. Sebesan M., Badea G.E., Sebeșan R., Stanasel O.: Predicting mineral deposits that is formed in installations with geothermal fluids by physico-chemical study , Journal of Sustainable Energy, Vol. 4, No. 2, June, 2013, University of Oradea, Romania, ISSN 2067-5534, www.energy-cie.ro, <https://journals.indexcopernicus.com>.

12. Mioara Sebesan, Oana Stănășel, Horea Sebeșan, Camelia Țicărat, Radu Sebeșan, Sorin Hodisan,” [Developing The Energy Potential Of Geothermal Resources From 3 Wells In Bihor County](#),2023 17th International Conference on Engineering of Modern Electric Systems (EMES)june 2023,DOI: [10.1109/EMES58375.2023.10171643](https://doi.org/10.1109/EMES58375.2023.10171643)

13. F Slovak, L Bandici, M Codrean, RD Sebeșan, [Aspects Regarding the Microwave Drying of Oak Wood Chips](#),2023 17th International Conference on Engineering of Modern Electric Systems (EMES).

14. Francisc Slovak, Livia Bandici, Marius Codrean, Radu Dimitrie Sebesan, Bianca Șimon, Adrian Szoke, [Comparative Study on the Drying of Wood Chips with Different Humidities and Sizes in a Microwave Field](#), 2023 17th International Conference on Engineering of Modern Electric Systems (EMES).

15. Cornelia Mihaela Novac,Marius Codrean , Mihaela Codrean, Ovidiu Constatin Novac,Cornelia Emilia Gordan,,Radu Sebeșan ,Employing the simulation platforms Flux 2D and FEMM4.2 to numerically optimize the eddy current phenomenon during the edge-hardening process2024 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)DOI: [10.1109/ECAI61503.2024.10607489](https://doi.org/10.1109/ECAI61503.2024.10607489)

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

- Reviste

1.

- Selecție cu maximum 20 lucrări în volume de conferințe

1.

E. Brevete obținute în întreaga activitate

1.

Data:

29.09.2025

E – Brevete (pentru întreaga activitate)

Semnătura: