

LISTADE LUCRĂRI

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0. LISTA CELOR MAI RELEVANTE 10 PUBLICAȚII

1. **Marilena STĂNCULESCU**, M. Marifcaru, V. Stefan-Minculete, S. Marinescu, I.F. Hăntilă, *Analytical Solution For Eddy Current Problem. Using Space Eigenfunctions Expansion*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume 58, Issue 2, Pages 123-134 (**10 pagini**), Published Apr-Jun 2013, **ISI Thomson Reuters WOS:000320488100002**, ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**.
2. **Marilena STĂNCULESCU**, M. Maricar, I.F. Hăntilă, S. Marinescu, Livia Bandici, *An Iterative Finite Element - Boundary Element Method For Efficient Magnetic Field Computation In Transformers*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume: 56 Issue: 3 Pages: 267-276 (**10 pagini**), Published: JUL-SEP 2011, **ISI Thomson Reuters WOS:000298453900003**, ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**.
3. M. Maricar, **Marilena Stănculescu**, V. Minculete, I.F. Hăntilă, *Solidification Surface Speed Control Of Ferromagnetic Pieces Using Eddy Current Beating*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 57 Issue: 4 Pages: 351-360 (**10 pagini**) Published: OCT-DEC 2012, **ISI Thomson Reuters WOS:000313936100003**, ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**.
4. **Marilena Stanculescu**, Mihai Iordache, Dragos Niculae, Lavinia Bobaru, Victor Bucata, *Algorithm For Computing S Parameters And Their Use For Studying Efficiency Of Electromagnetic Energy Wireless Transfer Systems*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume: 63, Issue: 2, Pages: 138-144 (**6 pagini**), Published: APR-JUN 2018, IF=1.114 (2017), Q3 category, Accession Number: **WOS:000438662400005**, ISSN: 0035-4066, indexata **SCOPUS**.
5. Paul Cristian Andrei, Mihai Maricar, Stelian Marinescu, **Marilena STĂNCULESCU**, Ioan Florea Hăntilă, *An Efficient Procedure To Assess The Static Magnetization Relationship*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Vol. 61, Issue 2, pp. 101-105 (**4 pagini**), Apr-Jun 2016, **ISI Thomson Reuters WOS:000381238000001**, ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**.
6. **STĂNCULESCU Marilena**, MARINESCU Stelian, CEREGI Gabriel, *Matlab in Electrical Engineering*, Journal of Electrical and Electronics Engineering, Vol. 2, Nr. 2, 2009, pp. 95-98, cotată B+, ISSN: 18446035, **indexată SCOPUS**.
7. Andrei H., Gaiceanu M., **Stanculescu M.**, Arama I.N., Andrei P.C. (2019) *Power Systems Connectivity and Resiliency*. In: Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (eds) *Power Systems Resilience*. Power Systems. **Springer**, Cham, https://doi.org/10.1007/978-3-319-94442-5_2, Print ISBN 978-3-319-94441-8, Online ISBN 978-3-19-94442-5, eBook Packages Energy, pp. 45-79 (**35 pagini**), **WOS:000456874500004**, indexata **SCOPUS**.
8. Andrei H., Andrei P.C., Gaiceanu M., **Stanculescu M.**, Arama I.N., Marinescu I. (2019) *Power Systems Recovery and Restoration Encounter with Natural Disaster and Deliberate Attacks*. In: Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (eds) *Power Systems Resilience*. Power Systems. **Springer**, Cham, https://doi.org/10.1007/978-3-319-94442-5_10, Print ISBN 978-3-319-94441-8, Online ISBN 978-3-19-94442-5, eBook Packages Energy, pp. 247-287 (**40 pagini**), **WOS:000456874500012**, indexata **SCOPUS**.
9. Andrei H., Andrei P.C., Constantinescu L.M., Beloiu R., Cazacu E., **Stanculescu M.** (2017) *Electrical Power Systems*. In: Mahdavi Tabatabaei N., Jafari Aghbolaghi A., Bizon N., Blaabjerg F. (eds) *Reactive Power Control in AC Power Systems*. Power Systems. **Springer**, Cham, 2017, DOI: https://doi.org/10.1007/978-3-319-51118-4_1, **WOS:000418032900003**, Online ISBN 978-3-319-51118-4, Print ISBN 978-3-319-51117-7, pp. 3-47 (**44 pagini**), indexata **SCOPUS**.
10. Andrei H., Andrei P.C., Cazacu E., **Stanculescu M.** (2017) *Fundamentals of Reactive Power in AC Power Systems*. In: Mahdavi Tabatabaei N., Jafari Aghbolaghi A., Bizon N., Blaabjerg F. (eds) *Reactive Power Control in AC Power Systems*. Power Systems. **Springer**, Cham, 2017, pp. 49-115, DOI: [10.1007/978-3-319-51118-4_2](https://doi.org/10.1007/978-3-319-51118-4_2), **WOS:000418032900004**, Online ISBN 978-3-319-51118-4, Print ISBN: 978-3-319-51118-4; 978-3-319-51117-7, pp. 49-115 (**67 pagini**), indexata **SCOPUS**.

I. TEZA (E) DE DOCTORAT (T)

- T1. Marilena Stănculescu** - *Contribuții la recunoașterea formelor defectelor în defectoscopia magnetică nedistructivă* – Universitatea „Politehnica” București, Catedra de Electrotehnică, 150 pagini - Conducător științific prof. dr. ing. Ioan Florea Hânțilă.

II. CĂRȚI PUBLICATE (C)

Ca – Cărți / cursuri (manuale) pentru uzul studenților, publicate în edituri recunoscute.

- Ca1.** G. Ochiana, L. Ochiana, **M. Stănculescu**, *Teoria câmpului electromagnetic*, Editura Printech, 2011, ISBN 978-606-521-756-0, (214 pagini) (cod CNCIS 54).
- Ca2.** G. Ochiana, L. Ochiana, **M. Stănculescu**, *Electromagnetic field Theory*, Editura Printech, 2012, ISBN 978-606-521-879-6, 202 pagini (cod CNCIS 54).
- Ca3.** E. Cazacu (coordonator), I. Nemoianu, M. Maricar, F. Enache, **M. Stănculescu**, A. Stănculescu, A. Anghel - *Chestiuni speciale de teoria circuitelor electrice; Elemente de teorie și aplicații*, vol 2, Editura Matrix Rom, 2005, ISBN 973-685-926-6, (140 pagini) (Cod CNCIS Editura 39).
- Ca4.** **Marilena Stanculescu**, Lavinia Bobaru, Dragoș Niculae, Sorin Deleanu, Victor Bucata, Mihai Iordache - Coordonator, “*Wireless Electromagnetic Energy Transfer Systems*”, MATRIX ROM, Bucuresti, 2021, ISBN 978 - 606 - 25 - 0623 - 0, 621.3, (289 pag.) Editura PRINTECH, Bucuresti, 2021.

Cb - Cărți de specialitate publicate în edituri recunoscute (autor, coautor, editor).

- Cb1.** Aurel Andrei, **M. Stănculescu**, *Criptografie versurs critpanaliza*, Editura Printech, 2014, ISBN 978-606-23-0237-5, (377 pagini) (cod CNCIS 54).

III. ALTE MATERIALE PUBLICATE (I, D)

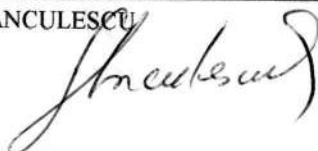
I - Culegeri și îndrumare publicate (separate în edituri cu ISBN și în tipografiile locale/de instituții sau de uz intern)

- I1.** **Marilena Stanculescu**, Emil Cazacu, Sorin Deleanu, *Fundamentals of Electric circuits*, Editura Matrix Rom, septembrie 2020, 150 pagini, ISBN 978-606-250-5837
- I2.** Dragoș Niculae, Lavinia Bobaru, **Marilena Stănculescu**, Victor Bucată, Mihai Iordache, Steliana Pușcașu, *Îndrumar de seminar Teoria circuitelor electrice Curent continuu, curent alternativ*, Editura Printech, București, 2020, ISBN 978-606-23-1066-0, 109 pagini, (cod CNCIS 54)
- I3.** E. Cazacu, **M. Stănculescu**, *Bazele electrotehnicii; Seminar*, Editura Matrix-ROM, București 2004, ISBN 973-685-684 - 4, 308 pagini (Cod CNCIS Editura 39).
- I4.** E. Cazacu, **M. Stănculescu**, *Bazele electrotehnicii, Teoria circuitelor electrice; Aplicații*, vol.1, Editura Cartea Universitară, București 2003, ISBN 973-86124-5-4, 165 pagini (Cod CNCIS Editura 113).
- I5.** E. Cazacu, **M. Stănculescu**, *Bazele electrotehnicii, Teoria circuitelor electrice; Aplicații*, vol.2, Editura Cartea Universitară, București 2003, ISBN 973-7956-26-5, 162 pagini (Cod CNCIS Editura 113).

D - Alte lucrări publicate: capitole publicate în volume colective, capitole teoretice redactate, sisteme de laborator funcționale etc.

D1. Andrei H., Gaiceanu M., **Stanculescu M.**, Andrei P.C., Buhosu R., Badea C.A. (2020) *Energy Storage Systems in Microgrid*. In: Mahdavi Tabatabaei N., Kabalci E., Bizon N. (eds) *Microgrid Architectures, Control and Protection Methods*. Power Systems. Springer, Cham. https://doi.org/10.1007/978-3-030-23723-3_8, pp.177-207 (31 pagini), 2020, indexat SCOPUS.

D2. Andrei H., Gaiceanu M., **Stanculescu M.**, Marinescu I., Andrei P.C. (2020) *Microgrid Protection*. In: Mahdavi Tabatabaei N., Kabalci E., Bizon N. (eds) *Microgrid Architectures, Control and Protection Methods*.



Power Systems. Springer, Cham. https://doi.org/10.1007/978-3-030-23723-3_25 (27 pagini), 2020, indexat SCOPUS.

D3. Gaiceanu M., **Stanculescu M.**, Andrei P.C., Solcanu V., Gaiceanu T., Andrei H. (2020) *Intrusion Detection on ICS and SCADA Networks*. In: Pricop E., Fattahi J., Dutta N., Ibrahim M. (eds) Recent Developments on Industrial Control Systems Resilience. Studies in Systems, Decision and Control, vol 255. Springer, Cham. https://doi.org/10.1007/978-3-030-31328-9_10, pp 197-262 (65 pagini), 2020, indexat SCOPUS.

D4. Andrei H., Gaiceanu M., **Stanculescu M.**, Marinescu I., Andrei P.C. (2020) *Security Evaluation of Sensor Networks*. In: Pricop E., Fattahi J., Dutta N., Ibrahim M. (eds) Recent Developments on Industrial Control Systems Resilience. Studies in Systems, Decision and Control, vol 255. Springer, Cham. https://doi.org/10.1007/978-3-030-31328-9_11, pp. 263-282 (19 pagini), 2020, indexat SCOPUS.

D5. Andrei H., Gaiceanu M., **Stanculescu M.**, Arama I.N., Andrei P.C. (2019) *Power Systems Connectivity and Resiliency*. In: Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (eds) Power Systems Resilience. Power Systems. Springer, Cham, https://doi.org/10.1007/978-3-319-94442-5_2, Print ISBN 978-3-319-94441-8, Online ISBN 978-3-19-94442-5, eBook Packages Energy, pp. 45-79 (35 pagini), WOS:000456874500004, indexata SCOPUS.

D6. Andrei H., Andrei P.C., Gaiceanu M., **Stanculescu M.**, Arama I.N., Marinescu I. (2019) *Power Systems Recovery and Restoration Encounter with Natural Disaster and Deliberate Attacks*. In: Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (eds) Power Systems Resilience. Power Systems. Springer, Cham, https://doi.org/10.1007/978-3-319-94442-5_10, Print ISBN 978-3-319-94441-8, Online ISBN 978-3-19-94442-5, eBook Packages Energy, pp. 247-287 (40 pagini), WOS:000456874500012, indexata SCOPUS.

D7. Mihai Iordache, Lucia Dumitriu, Dragos Niculae, **Marilena Stanculescu**, Victor Bucatã, Georgiana Rezmeritã, Chapter "Circuit Analyses with Nullors", Lecture Notes in Electrical Engineering 479, In book Pathological Elements in Analog Circuit Design, Editors Mourad Fakhfakh, Marian Pierzchala, March 2018, Springer International Publishing AG, part of Springer Nature 2018, Electronic ISBN 978-3-319-75157-3, Print ISBN: 978-3-319-75156-6, DOI: 10.1007/978-3-319-75157-3_4, pp. 91-147 (57 pagini), WOS:000441385600006, indexata SCOPUS.

D8. Andrei H., Andrei P.C., Constantinescu L.M., Beloiu R., Cazacu E., **Stanculescu M.** (2017) Electrical Power Systems. In: Mahdavi Tabatabaei N., Jafari Aghbolaghi A., Bizon N., Blaabjerg F. (eds) *Reactive Power Control in AC Power Systems*. Power Systems. Springer, Cham, 2017, DOI: https://doi.org/10.1007/978-3-319-51118-4_1, WOS:000418032900003, Online ISBN 978-3-319-51118-4, Print ISBN 978-3-319-51117-7, pp. 3-47 (44 pagini), indexata SCOPUS.

D9. Andrei H., Andrei P.C., Cazacu E., **Stanculescu M.** (2017) *Fundamentals of Reactive Power in AC Power Systems*. In: Mahdavi Tabatabaei N., Jafari Aghbolaghi A., Bizon N., Blaabjerg F. (eds) Reactive Power Control in AC Power Systems. Power Systems. Springer, Cham, 2017, pp. 49-115, DOI: 10.1007/978-3-319-51118-4_2, WOS:000418032900004, Online ISBN 978-3-319-51118-4, Print ISBN:978-3-319-51118-4; 978-3-319-51117-7, pp. 49-115 (67 pagini), indexata SCOPUS.

IV. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Ris - Reviste de specialitate de circulație internațională indexate ISI/BDI

Ris1. Ioan Florea Hantila, Mihai Maricar, **Marilena Stanculescu**, George Marian Vasilescu, *Method For Analyzing Three-Phase Networks With Nonlinear Resistive Elements*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 64 Issue: 2, Pages: 103-106 (4 pages), Published: APR-JUN 2019, Accession Number: WOS:000479328200001, ISSN: 0035-4066, IF=0.76.

Ris2. **Marilena Stanculescu**, Mihai Iordache, Dragos Niculae, Lavinia Bobaru, Victor Bucata, *Algorithm For Computing S Parameters And Their Use For Studying Efficiency Of Electromagnetic Energy Wireless Transfer Systems*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume: 63, Issue: 2, Pages: 138-144 (6 pagini), Published: APR-JUN 2018, IF=0.76 (2017), Q3 category, Accession Number: WOS:000438662400005, ISSN: 0035-4066, indexata SCOPUS.

Ris3. Paul Cristian Andrei, Mihai Maricar, Stelian Marinescu, **Marilena Stanculescu**, Ioan Florea Hantila, *An Efficient Procedure To Assess The Static Magnetization Relationship*, Revue Roumaine Des Sciences

Techniques-Serie Electrotechnique Et Energetique, Vol. 61, Issue 2, pp. 101-105 (**4 pagini**), Apr-Jun 2016, ISI Thomson Reuters **WOS:000381238000001**, ISSN: 0035-4066, IF = 0.76, indexata SCOPUS.

Ris4. Gabriel Kasco, Ioan Florea Hăntilă, Oana Drosu, Mihai Maricar, **Marilena Stănculescu**, *Qualitative Analysis Of The Temperature Field Produced By An Early Stage Tumor*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Vol. 59, Issue 4, pp. 433-443 (**10 pagini**), Oct-Dec 2014, ISI Thomson Reuters **WOS:000346950200010**, ISSN: 0035-4066, IF = 0.76, indexata SCOPUS.

Ris5. **Marilena STĂNCULESCU**, M. Maricar, V. Stefan-Minculete, S. Marinescu, I.F. Hăntilă, *Analytical Solution For Eddy Current Problem, Using Space Eigenfunctions Expansion*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume 58, Issue 2, Pages 123-134 (**10 pagini**), Published Apr-Jun 2013, ISI Thomson Reuters **WOS:000320488100002**, ISSN: 0035-4066, IF = 0.76, indexata SCOPUS.

Ris6. M. Maricar, **Marilena Stănculescu**, V. Minculete, I.F. Hăntilă, *Solidification Surface Speed Control Of Ferromagnetic Pieces Using Eddy Current Beating*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 57 Issue: 4 Pages: 351-360 (**10 pagini**) Published: OCT-DEC 2012, ISI Thomson Reuters **WOS:000313936100003**, ISSN: 0035-4066, IF = 0.76, indexata SCOPUS.

Ris7. **Marilena STĂNCULESCU**, M. Maricar, I.F. Hăntilă, S. Marinescu, Livia Bandici, *An Iterative Finite Element - Boundary Element Method For Efficient Magnetic Field Computation In Transformers*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume: 56 Issue: 3 Pages: 267-276 (**10 pagini**), Published: JUL-SEP 2011, ISI Thomson Reuters **WOS:000298453900003**, ISSN: 0035-4066, IF = 0.76, indexata SCOPUS.

Ris8. Valer Giurgiu, Ioan Florea Hantila, Mihai Maricar, **Marilena Stanculescu**, *The Numerical Calculation of HV Fuses Pre-Arcing Time in the Case of Transversal Adiabatic Process*, In Applied Electromagnetic Engineering for Magnetic, Superconducting and Nanomaterials, Editors: Mamalis, A. G. and Enokizono, M. and Kladas, A., January 2011 Materials Science Forum 670:526-534, DOI: 10.4028/www.scientific.net/MSF.670.526, 2011, (**9 pagini**), ISI Thomson Reuters **WOS:000296800600063**, IF=0.399, indexata SCOPUS.

Ris9. Lavinia Maria Bobaru, **Marilena Stănculescu**, D. Niculae, M. Iordache, *On Magnetically Coupled Coils Parameter Calculation*, The Scientific Bulletin of Electrical Engineering Faculty, Volume 20: Issue 1, DOI: 10.2478/SBEEF-2020-0102, **4 pagini**, ISSN 2286-2455, CNCSIS Category B+, CNCSIS Code 830, IndexCopernicus, EBSCO.

Ris10. Mihai Iordache, Victor Bucată, Dragoș Niculae, **Marilena Stănculescu**, Maria - Lavinia Bobaru, *Design of Wireless Electromagnetic Energy Transfer Systems*, Annals of the University of Craiova, Electrical Engineering series, No. 42, Issue 1, 2018; ISSN 1842-4805, pp. 15 – 20 (**6 pagini**), Revista CNCSIS B+ journal, indexata Copernicus.

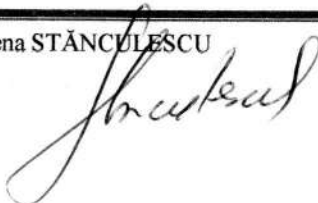
Ris11. Dragoș Niculae, **Marilena Stănculescu**, Mihai Iordache and Maria - Lavinia Bobaru, *An Analysis on Efficiency of Wireless Transfer Energy Due to a Misalignment of Two Coils*, Annals of the University of Craiova, Electrical Engineering seies, No. 42, Issue 1, 2018; ISSN 1842-4805, pp. 21 – 25 (**5 pagini**), Revista CNCSIS B+ journal, indexata Copernicus.

Ris12. **Marilena Stănculescu**, Lavinia Bobaru, Mihai Iordache, Dragoș Niculae and Victor Bucată, *Wireless Power Transfer Analysis Using Scattering Parameters*, Annals of the University of Craiova, Electrical Engineering series, No. 42, Issue 1, 2018; ISSN 1842-4805, pp. 26 – 31 (**6 pagini**), Revista CNCSIS B+ journal, indexata Copernicus.

Ris13. Oana Drosu, **Marilena Stănculescu**, *Cardiac Stimulation Through Induced Currents*, The Scientific Bulletin of Electrical Engineering Faculty – SBEEF 17 (2017), no. 2, 25-29 (**4 pagini**), CNCSIS Category B+, CNCSIS Code 830, DOI: 10.1515/sbeef-2017-0006, indexata Copernicus.

Ris14. Emil Cazacu, **Marilena Stanculescu**, Horia Andrei, *On the correction of the power factor in modern low-voltage power electrical installations*, The Scientific Bulletin of Electrical Engineering Faculty - SBEEF, volume 17, Issue 2, oct. 2017 pp. 10-15 (**6 pagini**), CNCSIS Category B+, CNCSIS Code 830, DOI: 10.1515/sbeef-2017-0003, indexata IndexCopernicus, EBSCO.

Ris15. Mihai Iordache, George Andronescu, Victor Bucată, Maria-Lavinia Iordache (Bobaru), **Marilena Stănculescu**, Dragoș Niculae, *Design and Simulation of Wireless Power, Transfer Systems*, Annals of the University of Craiova, electrical Engineering Series, no. 40, 2016, (**4 pagini**) ISSN 1842-4805, CNCSIS B+, indexata Copernicus.



Ris16. Marilena Stanculescu, Mihai Iordache, Dragos Niculae, Lavinia Iordache Bobaru, Victor Bucata, S Parameter Computation and Their Use for Electromagnetic Energy Wireless Transmission, International Journal of Computers & Technology, Volume 15, Number 9, ISSN 2277-3061, September 2016, (13 pagini))DOI: 10.24297/ijct.v15i9.654, indexata Copernicus.

Ris17. O. Drosu, M. Stănculescu, Review on Electromagnetic Stimulation of Alive Tissues, The Scientific Bulletin of Electrical Engineering Faculty - SBEEF 4 pagini, DOI:10.1515/sbEEF-2016-0014), <https://www.researchgate.net/publication/309688602>, Jan 2016, indexata IndexCopernicus, EBSCO.

Ris18. E. Cazacu, Marilena Stănculescu – On the stability issues of the main electromagnetic levitation techniques, The Scientific Bulletin of the Electrical Engineering Faculty - SBEEF, Year 13, No. 1(21), pp. 9 – 13 (4 pagini) , 2013, ISSN 1843-6188 (categoria CNCSIS B+,CNCSIS 830, Indexare BDI – IndexCopernicus, EBSCO IC value 4,91 pentru anul 2011).

Ris19. E. Cazacu, M. Stanculescu, Analytical Field Computation And Energetically Requirements Of Two Different Electro-Dynamics Suspension Techniques, The Scientific Bulletin of Electrical Engineering Faculty – SBEEF – Year 12, No. 3 (20), ISSN 1843-6188, pages: 5-8 (4 pagini), CNCSIS Category B+, CNCSIS Code 830, Indexare BDI: IndexCopernicus, EBSCO, <http://www.buletinfie.ro>.

Ris20. E. Cazacu, M. Stănculescu, I. V. Nemoianu, Power Substation Energy Efficiency Analysis - A Case Study, Journal of Electrical and Electronics Engineering, University of Oradea Publisher, Vol. 4, Nr. 1 , 2011, pp. 23–28 (6 pagini), ISSN: 1844- 6035, ISSN (electronic): 2067-2128, (categoria B +, cod CNCSIS Revista 682, indexata SCOPUS, EBSCO.

Ris21. E. Cazacu, I. V. Nemoianu, M. Stănculescu, Quantitative assessments over the parameters of static diamagnetic materials levitation, Journal of Electrical and Electronics Engineering, University of Oradea Publisher, Vol. 3, Nr. 1 , 2010, pp. 43–48 (6 pagini)), ISSN: 1844- 6035, ISSN (electronic): 2067-2128. (categoria B +, cod CNCSIS Revista 682), indexata SCOPUS.

Ris22. STĂNCULESCU Marilena, MARINESCU Stelian, CEREGI Gabriel, Matlab in Electrical Engineering, Journal of Electrical and Electronics Engineering, Vol. 2, Nr. 2, 2009, pp. 95-98 (4 pagini)), cotate B+, ISSN: 18446035, indexată SCOPUS.

Ris23. STĂNCULESCU Marilena, MARINESCU Stelian, CEREGI Gabriel, Flaw shape reconstruction – An experimental approach, Journal of Electrical and Electronics Engineering, Vol. 2, Nr. 2, 2009, pp.95-98 (4 pagini), SSN: 18446035, indexata SCOPUS.

Ris24. Ilie STOICHESCU, Marilena Stanculescu, Teodor LEUCA, Ioan Florea Hăntilă, Paula PALADE, Lucian OCHEANA, FEM-BEM Electrical Field Analysis in Radiofrequency Heating, Journal of Electrical & Electronics Engineering, Jun 2010, Vol. 3 Issue 1, p. 213-218 (6 pagini), indexata SCOPUS.

Rio – Alte reviste de specialitate de circulație internațională.

Rio1. M. Vasiliu, A. Moraru, M. Stănculescu, F.Hantila, Minimizing Winding Losses Under Trapezoidal Current Waveforms, JSAEM Studies in Applied Electromagnetics and Mechanics, 9, pp. 205-206, ISBN 4-931455-08-5, ISSN 1343-2869, 2001.

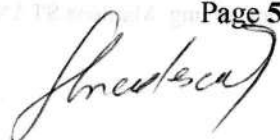
Rno - Alte reviste de specialitate de circulație națională.

Rn1. E.Demeter, V.Nitigus, I.Costea-Marcu, M.Stanculescu, F.Hantila, Solutions for a Small 300 Hz Synchronous Generator, Analele Universitatii din Oradea, fascicula Electrotehnica, 2001, p.339-350 (12 pagini), ISSN 1223-2106.

Rn2. M.Stanculescu, C.Tugulea, F.Hantila, New Relation for Magnetic Force Computation, Analele Universitatii din Oradea, fascicula Electrotehnica, 2001, p.438-443 (6 pagini) , ISSN 1223-2106.

Vis - Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate în alte BDI.

Vis1. Adochiei, S. Patlagica, D.I. Voiculescu, M. Stanculescu, O. Drosu, V. Vita, Virtual Reality Assisted Hand Rehabilitation through the Use of a Smart Glove, 2019 E-Health and Bioengineering Conference (EHB), 21-23 Nov. 2019, Iasi,+B62:B66 Romania, 4 pages, Publisher: IEEE, DOI: 10.1109/EHB47216.2019.8969903, Electronic ISBN: 978-1-7281-2603-6, USB ISBN: 978-1-7281-2602-9, WOS:000558648300035.



Vis2. O. Drosu, **M. Stanculescu**, A. Tanasoiu, D.I. Voiculescu, G.G. Petroiu-Andruseac, S. Gkanatsios, *Robotic Orthosis for Recovery of People with Different Trauma*, 2019 E-Health and Bioengineering Conference (EHB), 21-23 Nov. 2019, Iasi, Romania, **4 pages**, Publisher: **IEEE**, DOI: 10.1109/EHB47216.2019.8969937, Electronic ISBN: 978-1-7281-2603-6, USB ISBN: 978-1-7281-2602-9, **WOS:000558648300069**.

Vis3. Lavinia Bobaru, **Marilena Stanculescu**, Sorin Deleanu, Mihai Iordache, Dragos Niculae, Victor Bucata, *Using S Parameters in Two-Port Circuit Analysis*, 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 13-14 June 2019, pages: 81-84 (**4 pages**), Document Type: Proceedings Paper, INSPEC Accession Number: 18922620, DOI: 10.1109/EMES.2019.8795202, Publisher: **IEEE**, **WOS:000503434500021**, ISBN:978-1-7281-0773-8.

Vis4. Sorin Deleanu, Mihai Iordache, Marilena Stanculescu, Dragos Niculae, *The Induction Machine Operating from a Voltage Supply, Unbalanced and Polluted with Harmonics: A Practical Approach*, 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 13-14 June 2019, Pages: 181-184 (**4 pages**), Document Type: Proceedings Paper, INSPEC Accession Number: 18922646, Publisher: **IEEE**, DOI: 10.1109/EMES.2019.8795212, **WOS:000503434500046**, ISBN:978-1-7281-0773-8.

Vis5. Patrick Wong, Zachary Robertshaw, Sorin Deleanu, Coty Aamot, Mihai Iordache, **Marilena Stanculescu**, Dragos Niculae, *Using Programmable Logic Controllers to Simulate Common Motor Load Curves in Industry*, 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 28-30 March 2019, INSPEC Accession Number: 18724351, DOI: 10.1109/ATEE.2019.8725017, (**4 pages**), Publisher: **IEEE**, **WOS:000475904500172**, ISSN: 1843-8571.

Vis6. Dragos Niculae, Mihai Iordache, **Marilena Stanculescu**, Maria Lavinia Bobaru, Sorin Deleanu, *A Review of Electric Vehicles Charging Technologies Stationary and Dynamic*, 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 28-30 March 2019, INSPEC Accession Number: 18724310, DOI: 10.1109/ATEE.2019.8724943, **4 pages**, Publisher: **IEEE**, **WOS:000475904500100**, ISSN: 1843-8571.

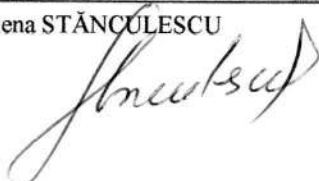
Vis7. **Marilena Stanculescu**, C.A. Badea, I. Marinescu, P. Andrei, Oana Drosu, H. Andrei, *Vulnerability of SCADA and Security Solutions for a Waste Water Treatment Plant*, 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 28-30 March+B58 2019, INSPEC Accession Number: 18724405, DOI: 10.1109/ATEE.2019.8724889, (**4 pages**), Publisher: **IEEE**, **WOS:000475904500046**, ISSN: 1843-8571.

Vis8. R. Asanache, M. Iordache, D. Niculae, **M. Stanculescu**, M.L. Bobaru, *The computation of the kQ-product and properties of wireless power transfer systems*, 2018, International Conference on Applied and Theoretical Electricity, ICATE 2018, Craiova, Romania; 4 October 2018 through 6 October 2018; Category number CFP1899S-ART; Code 143155, DOI: 10.1109/ICATE.2018.8551448, ISBN: 978-153863806-4, pp. 1-6 (**6 pagini**), indexata SCOPUS, **IEEE Xplore**, **WOS:000487278600065**

Vis9. Georgiana REZMERITA, Lavinia BOBARU, **Marilena STANCULESCU**, Mihai IORDACHE, Dragos NICULAE, *A Self and Mutual Inductance Calculation Resonators with Finite Element Analysis*, 2017 7th International Conference On Modern Power Systems (MPS), Cluj-Napoca, JUN 06-09, 2017, Romania, ISI Thomson Reuters WOS:000428462600050, DOI: 10.1109/MPS.2017.7974422, **4 pages**, Publisher: **IEEE**, ISBN: 978-1-5090-6565-3, INSPEC Accession Number: 17028433, DOI: 10.1109/MPS.2017.7974422, indexata SCOPUS, **IEEE Xplore**.

Vis10. **Marilena STANCULESCU**, Mihai IORDACHE, Lavinia IORDACHE (BOBARU), Dragos NICULAE, Victor BUCATĂ, *Analysis of Wireless Power Transfer Systems Using S Parameters to Generate the Power Gains*, 2017 International Conference On Optimization Of Electrical And Electronic Equipment (Optim) & 2017 Intl Aegean Conference On Electrical Machines And Power Electronics (ACEMP), May 24-26, Brasov, România, 2017, pp. 72-77 (**6 pagini**), ISI Thomson Reuters **WOS:000426909600010**, INSPEC Accession Number: 17028025, DOI: 10.1109/OPTIM.2017.7974950, Publisher: **IEEE**, pp. 72-77 (**6 pagini**), indexata SCOPUS, **IEEE Xplore**.

Vis11. Ciprian Curteanu, Maria-Lavinia Iordache Bobaru, Razvan Asanache, Mihai Iordache, **Marilena Stanculescu**, *S-parameters utilization in electrical quadrupoles analysis*, Proceedings of The 9th International Conference On Electronics, Computers And Artificial Intelligence - ECAI 2017, 2017, Targoviste, ROMANIA, pp. 1-7 (**7 pagini**), ISI Thomson Reuters **WOS:000425865900017**, INSPEC Accession Number: 17398116, DOI: 10.1109/ECAI.2017.8166401, ISSN: 2378-7147, indexata SCOPUS, **IEEE Xplore**.



Vis12. Marilena STĂNCULESCU, Mihai IORDACHE, MARIA-LAVINIA IORDACHE, Dragoș NICULAE, Victor BUCATĂ, *The Use of S Parameters in Wireless Power Transfer System Stability*, 2017 International Symposium On Signals, Circuits And Systems (ISSCS), Iasi, Romania, pp 1-4 (**4 pagini**), Jul13-14, 2017, ISI Thomson Reuters **WOS:000425211500019**, INSPEC Accession Number: 17174744, DOI: 10.1109/ISSCS.2017.8034881, indexata **SCOPUS**, **IEEE Xplore**.

Vis13. Marilena STĂNCULESCU, Mihai IORDACHE, Maria-Lavinia IORDACHE, Dragoș NICULAE, Victor BUCATĂ, *Using S Parameters in Wireless Power Transfer Analysis*, 2017 10th International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Pages: 107-112 (**6 pagini**) Published: 2017, ISI Thomson Reuters **WOS:000403399400022**, INSPEC Accession Number: 16824702 , DOI: 10.1109/ATEE.2017.7905186 , ISSN: 1843-8571, indexata **SCOPUS**, **IEEE Xplore**.

Vis14. George Marian Vasilescu, Victor Cauni, Gabriel Kacso, **Marilena Stanculescu**, Mihai Marin, Mihai Maricar, Ioan Florea Hantila, *Issues on Early Cancer Detection Using Thermographic Methods*, 2017 10TH International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Pages: 283-286 (**4 pagini**) Published: 2017, ISI Thomson Reuters **WOS:000403399400056**, INSPEC Accession Number: 16836082 , ISSN: 1843-8571, indexata **SCOPUS**, **IEEE Xplore**.

Vis15. Maria-Lavinia IORDACHE, **Marilena STĂNCULESCU**, Mihai Iordache, Dragos Niculae, Victor Bucată, *Parameter Identification of Magnetic Coupled Resonators in Power Wireless Transfer Systems*, 2016 International Symposium On Fundamentals Of Electrical Engineering (ISFEE), Bucharest, Romania, Jun 30 – Jul 02, 2016, ISI Thomson Reuters **WOS:000392434400023**, INSPEC Accession Number: 16563033, DOI: 10.1109/ISFEE.2016.7803171, ISBN:978-1-4673-9575-5, pp. 1-6 (**6 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis16. Mihai Iordache, George Andronescu, Victor Bucată, Dragos Niculae, **Marilena Stănculescu**, Maria-Lavinia IORDACHE, *Analysis and Design of Wireless Electromagnetic Energy Transfer Systems*, International Conference on Applied and Theoretical Electricity (ICATE), Craiova, Romania, Oct 06-08, 2016, ISI Thomson Reuters **WOS:000390767500101**, INSPEC Accession Number: 16498396, DOI: 10.1109/ICATE.2016.7754703, ISBN:978-1-4673-8562-6, ISSN: 2376-4163, pp. 1-6 (**6 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis17. Dragos Niculae, Mihai Iordache, **Marilena Stănculescu**, Maria-Lavinia IORDACHE, *The influence of the alignment between receiver and transmitter coils on efficiency of wireless transfer energy*, Craiova, Romania, Oct 06-08, 2016, ISI Thomson Reuters **WOS:000390767500102**, INSPEC Accession Number: 16498430, DOI: 10.1109/ICATE.2016.7754704, ISBN:978-1-4673-8562-6, ISSN: 2376-4163, pp. 1-5 (**6 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis18. Mihai Maricar, Stelian Marinescu, **Marilena Stănculescu**, Paul Cristian Andrei, Ioan Florea Hăntilă, *Equipment for the Magnetization Characteristic Evaluation of a Ferromagnetic Body*, 13th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, Jun 11-12, 2015, ISI Thomson Reuters **WOS:000363815100032**, INSPEC Accession Number: 15295945, DOI: 10.1109/EMES.2015.7158419, ISBN:978-1-4799-7650-8, pp. 1-4 (**4 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis19. George Marian Vasilescu, Mihai Maricar, Oana Drosu, Marius Aurel Costea, Ioan Florea Hăntilă, **Marilena Stănculescu**, *The Study of the Electric Field in Electropulsolysis*, 13th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, Jun 11-12, 2015, ISI Thomson Reuters **WOS:000363815100031**, INSPEC Accession Number: 15295957, DOI: 10.1109/EMES.2015.7158418, ISBN:978-1-4799-7650-8, pp. 1-6 (**6 pagini**) indexata **SCOPUS**, **IEEE Xplore**.

Vis20. Paul Cristian Andrei, Ion Căciulă, **Marilena Stanculescu**, George Marian Vasilescu, *FEM Analysis of the Magnetic Field for B-H Relationship Evaluation*, 2014 International Symposium On Fundamentals Of Electrical Engineering (ISFEE) Published: 2014, ISI Thomson Reuters **WOS:000380570500060**, INSPEC Accession Number: 14949347, ISBN: 978-1-4799-6821-3, pp. 1-6 (**6 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis21. G. Kacso, I. F. Hantila, G. M. Vasilescu, O. Drosu, M. Maricar, **M. Stănculescu**, *The thermal field of an early breast cancer reflected on the breast surface*, IEEE Conference: Fundamentals of Electrical Engineering (ISFEE), 2014 International Symposium on, Bucharest, ROMANIA, 28-29 Nov. 2014,

Proceedings Print ISBN:978-1-4799-6820-6, pp. 1-4 (4 pagini), ISI Thomson Reuters WOS:000332928500102, INSPEC Accession Number:14949249, DOI:10.1109/ISFEE.2014.7050614 , indexata SCOPUS, IEEE Xplore.

Vis22. M. Stanculescu, O.M. Drosu, M. Maricar, Reduction of winding losses for trapezoidal periodic currents, 2013 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 23-25 May 2013, Bucharest, ISBN 978-1-4673-5979-5, pp.1-6 (6 pagini), ISI Thomson Reuters WOS:000332928500102, Link DOI: 10.1109/ATEE.2013.6563448, BDI: IEEE Xplore, INSPEC (Accession Number: 13778526), SCOPUS (Article number 6563448, Category number CFP1314P-ART; Code 99883).

Vis23. Marilena Stanculescu, Ioan Florea Hantila, Modifications Analysis of Substance Property for Aged Materials, 2011 7th International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Published: 2011, ISI Thomson Reuters WOS:000310701200082, INSPEC Accession Number: 12118986, ISSN: 1843-8571, ISBN: 978-1-4577-0507-6, pp. 1-4 (4 pagini) indexata SCOPUS, IEEE Xplore.

Vis24. I.D. Deaconu, M. Stanculescu, A.I. Chirila, V. Navrapescu, H. Andrei, On automatic transfer switch system security, 2018 International Conference on Applied and Theoretical Electricity, ICATE 2018; Craiova; Romania; 4 October 2018 through 6 October 2018; Category numberCFP1899S-ART; Code 14315, DOI: 10.1109/ICATE.2018.8551369, ISBN: 978-153863806-4, pp. 1-6 (6 pagini) indexata SCOPUS, IEEE, WOS:000487278600009.

Vis25. S. Deleanu, M. Iordache, D. Niculae, M. Stanculescu, M. Dogaru, N. Galan, Dynamic operation of high power synchronous generator in asynchronous regime or encountering three-phase shortcircuit, 2018 International Conference on Applied and Theoretical Electricity, ICATE 2018; Craiova; Romania; 4 October 2018 through 6 October 2018; Category numberCFP1899S-ART; Code 143155, DOI: 10.1109/ICATE.2018.8551459, ISBN: 978-153863806-4, pp. 1-8 (8 pages), indexata SCOPUS, IEEE Xplore, WOS:000487278600073.

Vis26. Andrei H., Andrei P.C., Cazacu E., Stanculescu Marilena, Obroiu S., Power quality analysis based on a novel nonlinear dependence between parameters of nonsinusoidal regime, International Symposium on Fundamentals of Electrical Engineering (ISFEE), Published: 2018, Document Type:Proceedings Paper, NOV 01-03, 2018, 4 pages, WOS:000480396400050, ISBN:978-1-5386-7212-9, Conference Paper | Publisher: IEEE.

Vis27. Andrei P.C., Maricar M., Stanculescu Marilena, I.F. Hantila, Manescu (Paltanea) V., Paltanea G, Experimental Results For The First Magnetization Curve Obtained Using An Original Device, Proceedings Of The 2018 10th International Conference On Electronics, Computers And Artificial Intelligence (ECAI), Published: 2018, Document Type:Proceedings Paper, Iasi, ROMANIA, UN 28-30, 2018, 4 pages, WOS:000467734100041, ISBN:978-1-5386-4901-5, Year: 2018 | Conference Paper | Publisher: IEEE.

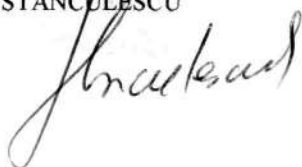
Vis28. Marilena Stanculescu, Sorin Deleanu, Diana Sanatescu, Alexandra Ionescu, Atanasie Moscu, Lavinia Bobaru, CSAP and TFSG – Circuit Symbolic Analysis Programs, 2019 International Conference on Electromechanical and Energy Systems (SIEMEN) 9-11 Oct. 2019, 4 pages, DOI: 10.1109/SIEMEN.2019.8905907, Publisher: IEEE

Vis29. Mihai Iordache, Răzvan Asanache, Sorin Deleanu, Marilena Stanculescu, Dragoș Niculae, Lavinia Bobaru, Battery Charging by Using a Multi-Tapped Secondary Coil, 2019 Electric Vehicles International Conference (EV), 3-4 Oct. 2019, 4 pages, Publisher: IEEE, DOI: 10.1109/EV.2019.8893079

Vis30. Răzvan Asanache, Mihai Iordache, Dragoș Niculae, Marilena Stanculescu, Lavinia Bobaru, Victor Bucata, Sorin Deleanu, On Circuit Analysis and Simulation of Networks with Nullors, 2019 8th International Conference on Modern Power Systems (MPS), 21-23 May 2019, 4 pages, INSPEC Accession Number: 18821830, DOI: 10.1109/MPS.2019.8759698, Publisher: IEEE.

Vis31. Sorin Deleanu, Greg Von Lipinski, Mihai Iordache, Marilena Stanculescu, Dragoș Niculae, Performance Evaluation of the Three-Phase Induction Motor Operating in Conditions of Unbalanced Voltage Supply, 2019 8th International Conference on Modern Power Systems (MPS), 21-23 May 2019, INSPEC Accession Number: 18821839, DOI: 10.1109/MPS.2019.8759684, Publisher: IEEE

Vis32. Erdei, Z., Iordache, M., Niculae, D., Stanculescu, M., Grib, A., The Use of S Parameters in Two-Port Analogue Networks Stability Analysis, IOP Conference Series: Materials Science and Engineering, 749(1),012031, DOI: 10.1088/1757-899X/749/1/012031, ISSN: 17578981, Document Type: Conference Paper, Publisher: Institute of Physics Publishing, 2020, (12 pagini), indexat SCOPUS.



Vis33. Mihai IORDACHE, **Marilena STĂNCULESCU**, Dragoș NICULAE, Maria-Lavinia IORDACHE (BOBARU), Răzvan ASANACHE, *Switched Networks Analysis With Inconsistent Initial Condition*, 2017 7th International Conference On Modern Power Systems (MPS), Cluj-Napoca, JUN 06-09, 2017, Romania, ISI Thomson Reuters **WOS:000428462600035**, INSPEC Accession Number: 17028441DOI: 10.1109/MPS.2017.7974406, Publisher: IEEE, ISBN: 978-1-5090-6565-3, pp 1-5 (**5 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis34. H. Gavrilă, **Marilena Stănculescu**, M. Maricar, M. Vasilescu, P. Andrei, I.F. Hăntilă, *"In situ" Evaluation of ferromagnetic bodies magnetic characteristics*, Materials Science Forum, Volume 792, 2014, Pages 177-182 (**6 pagini**), DOI: 10.4028/www.scientific.net/MSF.792.177, ISSN: 02555476, indexata **SCOPUS**.

Vis35. V.S. Stanciu, I. Barsan, I.F. Hăntilă, M. Maricau, **Marilena Stănculescu**, *Pulsed operation analysis of the thermoelectric generators used in space applications*, 8th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2013, 23-25 May, 2013, Bucharest, Romania, DOI: 10.1109/ATEE.2013.6563503, INSPEC Accession Number: 13778479, pp. 1-6 (**6 pagini**), indexata **SCOPUS**, **IEEE Xplore**.

Vis36. Marcel Pleșca, Zoia Apostolescu, **Marilena Stanculescu**, Gabriel Vaduva, *A hydrostatic extrusion procedure for industrial use*, Conference: Proceedings of the 3rd WSEAS international conference on Finite differences - finite elements - finite volumes - boundary elements, pp. 199-202 (**4 pagini**), April 2010, indexata **SCOPUS**.

Vis37. M. Pleșca, G. Amza, **Marilena Stănculescu**, M. Grigoriu, *Ultrathin wiredrawing force*, Conference: Proceedings of the 3rd WSEAS international conference on Finite differences - finite elements - finite volumes - boundary elements, pp. 142-145 (**4 pagini**), April 2010, indexata **SCOPUS**.

Vis38. Kieran Plihal, Alvin Do, Sorin Deleanu, Horia Andrei, **Marilena Stanculescu**, Mihai Iordache, *A Study on the Implementation of HVDC for Power System Interconnection*, 2019 6th International Symposium on Electrical and Electronics Engineering (ISEEE), Year: 2019 | Conference Paper | Publisher: **IEEE**, Date Added to IEEE Xplore: 08 July 2020, ISBN Information: INSPEC Accession Number: 19766970, DOI: 10.1109/ISEEE48094.2019.9136144, Publisher: IEEE, Conference Location: Galati, Romania, Romania (**4 pages**), indexată **SCOPUS**.

Vis39. I. Marinescu, S. Deleanu, **M. Stănculescu**, L. Bobaru, P. Andrei and H. Andrei, *Electrical Equipment Safety Analysis and Simulation: Case Study: Transformer's Malfunctions*, 2019 6th International Symposium on Electrical and Electronics Engineering (ISEEE), Galati, Romania, 2019, pp. 1-6 (**6 pages**), DOI: 10.1109/ISEEE48094.2019.9136122, , Publisher: IEEE, Added to **IEEE Xplore**: 08 July 2020.

Vis40. **M. Stanculescu**, S. Deleanu, D. Sanatescu, A. Ionescu, A. Moscu and L. Bobaru, *CSAP and TFSG – Circuit Symbolic Analysis Programs*, 2019 International Conference on Electromechanical and Energy Systems (SIEMEN), Craiova, Romania, 2019, pp. 1-6 (**6 pages**), doi: 10.1109/SIEMEN.2019.8905907, **SCOPUS**.

Vn - Volumele unor manifestări științifice naționale.

Vn1. **M. Stănculescu**, E. Cazacu – *Filter implementation in wavelet domain*, Lucrările Simpozionului Național de Electrotehnică Teoretică – SNET 2004, București, 22-23 Octombrie 2004, p. 309-315 (**6 pagini**), ISBN 973-718-096-8.

Vn2. E. Cazacu, M. Maricar, A. Stănculescu, **M. Stănculescu** – *Over the Earnshaw Theorem*, Lucrările Simpozionului Național de Electrotehnică Teoretică – SNET 2004, București, 22-23 Octombrie 2004, pp. 59-65 (**6 pagini**), ISBN 973-718-096-8.

Vn3. **M. Stănculescu**, *Support Vector Machines for Function Approximation*, Lucrările Simpozionului Național de Electrotehnică Teoretică – SNET 2003, București, 18 iunie 2003, pp. 67-70 (**4 pagini**), ISBN 973-652-800-6.

Vn4. **M. Stănculescu**, E. Cazacu, *Filter implementation in wavelet domain*, Lucrările Simpozionului Național de Electrotehnică Teoretică – SNET 2004, București, 22-23 Octombrie 2004, p. 309-315 (**6 pagini**), ISBN 973-718-096-8.

Vn5. **M. Stănculescu**, *Denoising using a new filtering approach*, Lucrările Simpozionului Național de Electrotehnică Teoretică – SNET 2004, București, 22-23 Octombrie 2004, p. 315-321 (**6 pagini**), ISBN 973-718-096-8.

Vn6. Marilena Stănculescu, Emil Cazacu, Florin-Daniel Ruiiu, *The use of Matlab in Eelectrical Engineering*, Volumul Conferinței Sompzionului Național de Electrotehnică SNET 2008, 5-7 iunie 2008, pp. 134- 137 (**4 pagini**), ISBN 978-606-521-045-5.

Vn7. Florin-Daniel Ruiiu, **Marilena Stănculescu**, *Steganography applications in communication security*, Volumul Conferinței Sompzionului Național de Electrotehnică SNET 2008, 5-7 iunie 2008, p. 420-423 (**4 pagini**), ISBN 978-606-521-045-5.

Vn8. M. Stănculescu, F. Hanțilă, M. Maricar, S. Marinesu and F. Spinei, *Using Static Field for Testing Flaws in Ferromagnetic Bodied*, Volumul Conferinței Simpozionului Național de Electrotehnică SNET 2008, 5-7 iunie 2008, pp. 119- 123 (**4 pagini**), ISBN 978-606-521-045-5.

Vn9. Dan Răducanu, Virgil Dulgheru, **Marilena Stănculescu**, Adrian Alexei, UPB, *A Change Detection Algorithm for Cartographic Raster Images*, Volumul Conferinței Simpozionului Național de Electrotehnică SNET 2009, 27 nov. 2009, pp. 139-144 (**6 pagini**), ISSN 2067 – 4147.

Vn10. Marilena Stănculescu, *Electromagnetic field computation tool*, Simpozionul Național de Electrotehnică Teoretică, ediția 2010 (SNET'10), **4 pagini**, București.

Vn11. Marilena Stanculescu, Florea I. Hantila, *Overview of electromagnetic NDT for characterization of materials*, Simpozionul Național de Electrotehnică Teoretică, ediția 2010 (SNET'10), **4 pagini**, București.

Vn12. M. Stănculescu, P. Andrei, M. Maricar, M. Vasilescu, I. F. Hantila, *“Evaluarea caracteristicilor magnetive ale pieselor feromagnetice*, Simpozionul Național de Electrotehnică Teoretică, Ediția 2012 (SNET'12), December 14, 2012, Bucuresti, vol. 3, no. 1, ISSN 2067-4147, pp. 189-193 (**4 pagini**).

V. BREVETE DE INVENȚIE / INOVAȚII (B,A)

B - Brevete de invenție.

B1. Patent Number(s): RO131291-A2, „*Device And Method For Determining Static B-H Characteristic Of Ferromagnetic Materials*” (*Dispozitiv si metoda pentru determinarea caracteristicii statice B-H a materialelor feromagnetice*), autori: Ioan Florea HANTILA, Stelian MARINESCU, Viorel STANCIU, Paul Cristian ANDREI, Mihai MARICARU, **Marilena STĂNCULESCU**, **Derwent Primary Accession Number: 2016-52539F**, International Patent Classification: G01N-027/72; G01R-033/12.

B2. Cerere brevet de inventie OSIM, Nr. A/01011 din 04.12.2018, titlu: "*Extensia axiala a dintilor indusului pentru masini electrice cu magneti permanenti*", autori: Minciunescu Paul, Varaticeanu Bogdan, Marinescu Stelian, Hantila Ioan Florea, Maricar Mihai, Vasilescu George-Marian, **Stanculescu Marilena**.

VI. CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE (P,F)

P – Proiecte de cercetare-dezvoltare-inovare obtinute prin competitie, pe bază de contract/grant, in tara/strainatate (Pn – nationale, Pi - internationale).

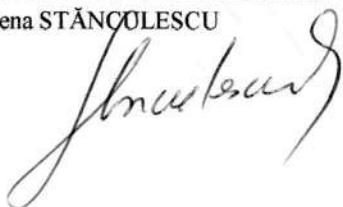
Naționale

Pn1. Director de proiect. Denumirea programului din UPB: Granturi nationale (GNac 2018 ARUT). Contract de finatare nr. 03.15.10.2018. Titlu proiect: *Transferul Inductiv Al Energiei Aplicat La Încărcarea Fără Contact Galvanic Și Fără Intervenție Umană A Bateriilor De Acumuloare Pentru Automobilul Electric* - TRINEN. Durata 14 luni.

Pn2. Responsabil de proiect: *Echipament pentru încărcarea fără fir (wireless) a telefoanelor mobile* (acronim iPhone, **CI 216/2018**), UEFISCDI - PN-III-P2-2.1-CI-2018-1275.

Pn3. Responsabil proiect: *Optimizarea geometriei unui generator electric în vederea creșterii eficienței energetice* (acronim OPTIM4GEN, **CI 230/2018**), UEFISCDI - PN-III-P2-2.1-CI-2018-1343.

Pn4. Membru echipa de proiect: 30/SGU/NC/ „Îmbunătățirea oportunităților de participare la învățământul de calitate în cadrul Facultății de Inginerie Electrică - TOPICFIE”, Grant finantat din Schema de granturi pentru universitati, derulata in cadrul Poriectului privind Invatamantul Secundar - ROSE, Ministerul Educatiei Nationale, 01.11.2017-17.10.2019.



Pn5. Membru în echipa de cercetare - TERMOSUTIEN PENTRU DETECTIA SI LOCALIZAREA CANCERULUI DE SAN -TERMOCAN 30PTE din 06/10/2016 (PN-III-P2-2.1-PTE-2016-0029).

Pn6. Membru în echipa de cercetare Metode electromagnetice pentru imbunatatirea procedeelor vinicole- PN II: PARTENERIATE ÎN DOMENII PRIORITARE, ID: PN-II-PT-PCCA-2013-4-2225- perioada: 2014-2016- contract 170/2014, MEN-UEFISCDI.

Pn7. Membru în echipa de cercetare: Localizarea si evaluarea dimensiunilor tumorilor de sân prin soluționare problemei inverse de câmp termic (INVTTERM) (proiect AMCSIT CEEX 125/2006, 2006-2008).

Pn8. Membru în echipa de cercetare: Dirijarea formarii structurii de solidificare prin intermediul câmpului electromagnetic (SOLID) (proiect AMCSIT CEEX 300/2006, 2006-2008).

Pn9. Membru în echipa de cercetare Reconstrucția formei defectelor prin metode electromagnetice (MAGNED), Proiect AMCSIT CEEX 79/2005, 2005-2007.

Pn10. Membru în echipa de cercetare: Echipament de uscare a pereților în câmp electromagnetic de înaltă frecvență (ELMDRY), PN-II-P2-2.1-CI-2017-0358.

Pn11. Membru în echipa de cercetare: UPB-GEX, contract 73/sept 2016, cod 439 *Stimuli Electromagnetici Pentru Tesuturile Vii*, 2006-2007.

Pn12. Membru echipa de implementare PROIECT POCU ID131213, - Sinergia mediului universitar cu cel economic pentru arăspunde nevoilor actuale și viitoare ale pieței muncii în domeniile electric, energetic și știința materialelor(PRACTICE), buget: 4.058.248lei, Perioada de implementare 01.10.2020-30.09.2022.

Pn13. Membru în echipa de cercetare PN-III-P2-2.1-PTE-2019-0423, Motor electric inovativ cu magneți permanenți fără pământuri rare destinat vehiculelor electrice ușoare (EMLEV), Buget: 1.189.000 lei, 2019-2021.

Internationale

Pi1. Membru în echipa de cercetare -Proiect Horizon 2020 INTERRFACE -TSO-DSO-Consumer INTERFACE aRchitecture to provide innovative grid services for an efficient power system, Project reference: 824330; Topic: LC-SC3-ES-5-2018-2020; Call for proposals: H2020-LC-SC3-2018-ES-SCC, 2019-2022, 95000 Euro, link: <http://www.interrface.eu/>

Pi2. Membru în echipa de cercetare - Proiect Horizon2020 FARCROSS-Facilitating Regional CROSS-border Electricity Transmission through Innovation, Grant agreement ID: 864274, Funded under: H2020-EU.3.3.4., 2019-2023, 90 000 Euro, link:<https://farcross.eu/>

VII. Recunoașterea impactului activității

G1. Citări în reviste și volumele conferințelor ISI

Articol citat: Andrei H., Andrei P.C., Gaiceanu M., **Stanculescu M.**, Arama I.N., Marinescu I. (2019) Power Systems Recovery and Restoration Encounter with Natural Disaster and Deliberate Attacks. In: Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (eds) Power Systems Resilience. Power Systems. Springer, Cham, Pages: 247-267 (21 pages), DOI: 10.1007/978-3-319-94442-5_10, Published: 2019, Document Type: Article; Book Chapter, Accession Number: WOS:000456874500012, Book DOI: 10.1007/978-3-319-94442-5, ISBN:978-3-319-94442-5; 978-3-319-94441-8, ISSN: 1612-1287, eISSN: 1860-4676

Lucrare care citează

1. Deaconu, ID (Deaconu, Ioan-Dragos) ; Chirila, AI (Chirila, Aurel-Ionut) ; Smeu, GA (Smeu, George-Alexandru); Ghita, C (Ghita, Constantin); Navrapescu, V (Navrapescu, Valentin), An Efficient SCADA System Designed for Water Treatment Plants, 2019 11TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL

Articol citat: Ioan Florea Hantila, Mihai Maricar, **Marilena Stanculescu**, George Marian Vasilescu, *Method For Analyzing Three-Phase Networks With Nonlinear Resistive Elements*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 64 Issue: 2, Pages: 103-106 (4 pages), Published: APR-JUN 2019, Accession Number: **WOS:000479328200001**, ISSN: 0035-4066.

Lucrare care citează

2. Nemoianu, Iosif Vasile ; Dascalu, Maria Iuliana; Manescu (Paltanea) Veronica ; Paltanea, Gheorghe; Radulian, Alexandru, *Detailed Evaluation For The Power Flow Effects Of Nonlinear Circuit Elements In Three-Phase Networks Without Neutral*. Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique (2019), Volume: 64 Issue: 3, Pages: 195-198, JUL-SEP 2019, **WOS:000494891100002**, ISSN: 0035-4066.

Articol citat: Paul Cristian Andrei, Mihai Maricar, Stelian Marinescu, **Marilena STĂNCULESCU**, Ioan Florea Hăntilă, *An Efficient Procedure To Assess The Static Magnetization Relationship*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Vol. 61, Issue 2, pp. 101-105 (**4 pagini**), Apr-Jun 2016, **ISI Thomson Reuters WOS:000381238000001** , ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**, **Google Scholar**.

Lucrări care citează:

3. Boutora S., Bentarzi H., *Study Of Ferroresonance Favorable Cases In Electric Substations*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 63 Issue: 4 Pages: 359-364 Published: OCT-DEC 2018, **WOS:000459843500002**, ISSN: 0035-4066.
4. Rosu Georgiana, Samoilescu Gh., Baltag O., *Statistical Approach Of Underwater Magnetic Field Measurements Of The Naval Magnetic Signature*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 63 Issue: 2 Pages: 132-137, Published: APR-JUN 2018, **WOS:000438662400004**, ISSN: 0035-4066 indexata **SCOPUS**.
5. Nemoianu, I. V., Manescu (Paltanea) Veronica, Paltanea, Gh., Ciuceanu R.M., *Assessment Of Tilt Angle Measurement Based On A Diamagnetically Stabilized All Permanent Magnet Levitation Structure*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 63 Issue: 1 Pages: 5-10 Published: JAN-MAR 2018, **WOS:000430897800001**, IF=1.114, ISSN: 0035-4066, indexata **SCOPUS**.
6. Ionita V., Codescu M., Chitanu Elena; Petrescu L., Cazacu E., *Hysteresis Modeling Accuracy For Soft Magnetic Nanopowders*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 63 Issue: 1 Pages: 11-14 Published: JAN-MAR 2018, **WOS:000430897800002**, ISSN: 0035-4066, FI=1.114, indexata **SCOPUS**.
7. Nemoianu I.V., Paltanea Veronica, Paltanea Gh., *Inclination Sensing Capabilities Of A Symmetrical Permanent Magnet Levitation Setup With Electromagnets And Diamagnetic Stabilization*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Vol. 62, Issue 2, Pages: 123-128, Published: Apr-Jun 2017, **WOS:000405648900001**, ISSN: 0035-4066, FI=1.114, indexata **SCOPUS**.

Articol citat: **Marilena STĂNCULESCU**, M. Maricar, V. Stefan-Minculete, S. Marinescu, I.F. Hăntilă, *Analytical Solution For Eddy Current Problem, Using Space Eigenfunctions Expansion*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume 58, Issue 2, Pages 123-134 (**10 pagini**), Published Apr-Jun 2013, **ISI Thomson Reuters WOS:000320488100002**, ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**.

Lucrări care citează:

8. Markovic Nenad; Bjelic Slobodan, Zivanic Jeroslav, Milicevic Violeta, Milicevic Zoran, *Model of Transient Process Where Three-Phase Transducer Feeds Induction Motor Equivalent as a Variable Active-Inductive Load*, Mathematical Problems In Engineering, Article Number: 6740261, DOI: 10.1155/2016/6740261, Published:2016, **WOS:000383066900001**.

Articol citat: **M. Stanculescu**, O.M. Drosu, M. Maricar, *Reduction of winding losses for trapezoidal periodic currents*, 2013 8th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 23-25 May 2013, Bucharest, ISBN 978-1-4673-5979-5, pp.1-6 (**6 pagini**), **ISI Thomson Reuters WOS:000332928500102**, Link DOI: 10.1109/ATEE.2013.6563448, BDI: **IEEEExplore**, INSPEC (Accession Number: 13778526), **SCOPUS** (Article number 6563448, Category number CFP1314P-ART; Code 99883).

Articol care citeaza:

9. Manescu, V., Paltanea, Gh., Popovici, D., Jiga, G., *Degradation Of Magnetic Properties Of Non-Oriented Silicon Iron Sheets Due To Different Cutting Technologies*, 3C TECNOLOGIA, Issue: SI, Pages: 1-10, DOI: 10.17993/3ctecno.2019.specialissue.01, Published: JAN 2019, **WOS:000455458800001**, ISSN: 2254-4143.

Articol citat: **Marilena STĂNCULESCU**, M. Maricar, I.F.Hăntilă, S. Marinescu, Livia Bandici, *An Iterative Finite Element - Boundary Element Method For Efficient Magnetic Field Computation In Transformers*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume: 56

Lucrări care citează:

10. Ionita, Valentin; Petrescu, Lucian; Cazacu, Emil, *Effect Of Current Harmonics On The Hysteresis Losses In Soft Magnetic Materials*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique , Volume: 60 Issue: 4 Pages: 366-375 Published: OCT-DEC 2015, WOS:000365935800003, ISSN: 0035-4066.
11. Nemoianu, Iosif Vasile, *Study Of The Voltage Frequency Doubler With Nonlinear Iron Core Magnetic Characteristic*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 60 Issue: 2 Pages: 123-132 Published: APR-JUN 2015, WOS:000355067400002.
12. Cazacu, Emil; Petrescu, Lucian, *On-Site Derating Of In-Service Power Distribution Transformers Supplying Nolinear Loads*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 59 Issue: 3 Pages: 259-268 Published: JUL-SEP 2014, WOS:000341801300004, ISSN: 0035-4066.
13. Cazacu, Emil; Nemoianu, Iosif Vasile, *Transient State Characterization Of Electronic Circuitry Small Power Transformers*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 58 Issue: 4 Pages: 385-394 Published: OCT-DEC 2013, WOS:000329262100006, ISSN: 0035-4066.
14. Micu, Dan; De Mey, Gilbert, *Green's Function Of Potential Problems In Lens Shaped Geometries*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 58 Issue: 1 Pages: 35-42 Published: JAN-MAR 2013, WOS:000319367500004, ISSN: 0035-4066.
15. Sobczyk, Tadeusz; Jaraczewski, Marcin, *On Simplified Calculations of Leakage Inductances of Power Transformers*, ENERGIES, Volume: 13, Issue: 18, Article Number: 4952, DOI: 10.3390/en13184952, Published: SEP 2020, Document Type: Article, WOS:000582454400001.

Articol citat: Dragos Niculae, Mihai Iordache, Marilena Stanculescu, Maria Lavinia Bobaru, Sorin Deleanu, *A Review of Electric Vehicles Charging Technologies Stationary and Dynamic*, 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 28-30 March 2019, INSPEC Accession Number: 18724310, DOI: 10.1109/ATEE.2019.8724943, 4 pages, Publisher: IEEE, WOS:000475904500100, ISSN: 1843-8571

Lucrări care citează:

16. Chao-Tsung Ma "System Planning of Grid-Connected Electric Vehicle Charging Stations and Key Technologies: A Review", vol. 12, (2019-01-01), Energies 2019, IF = 2.6, 12(21), 4201; <https://doi.org/10.3390/en12214201>, WOS:000512340000180.

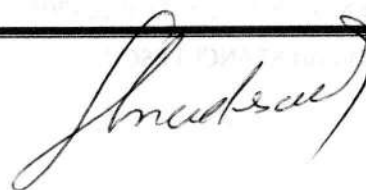
Articol citat: Marilena Stanculescu, Mihai Iordache, Dragos Niculae, Lavinia Bobaru, Victor Bucata, *Algorithm For Computing S Parameters And Their Use For Studying Efficiency Of Electromagnetic Energy Wireless Transfer Systems*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume: 63, Issue: 2, Pages: 138-144 (6 pagini), Published: APR-JUN 2018, IF=0.76 (2017), Q3 category, Accession Number: WOS:000438662400005, ISSN: 0035-4066, indexata SCOPUS.

Lucrări care citează:

17. Deaconu, ID (Deaconu, Ioan-Dragos); Chirila, AI (Chirila, Aurel-Ionut); Smeu, GA (Smeu, George-Alexandru); Ghita, C (Ghita, Constantin) ; Navrapescu, V (Navrapescu, Valentin), *An Efficient SCADA System Designed for Water Treatment Plants*, International Symposium on Advanced Topics in Electrical Engineering, Published: 2019, AR 28-30, 2019, Document Type: Proceedings Paper, WOS:000475904500160.

Articol citat: Marilena STÂNCULESCU, Mihai IORDACHE, Maria-Lavinia IORDACHE, Dragos NICULAE, Victor BUCATĂ, *Using S Parameters in Wireless Power Transfer Analysis*, 2017 10th International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Pages: 107-112 (6 pagini) Published: 2017, ISI Thomson Reuters WOS:000403399400022, INSPEC Accession Number: 16824702 , DOI: 10.1109/ATEE.2017.7905186 , ISSN: 1843-8571, indexata SCOPUS, IEEE Xplore.

Lucrări care citează:



18. Troudi, Leila; Jelassi, Khaled; Ben Fredj, Mounir, The influence of the coating thickness on transmission in electronic devices, The influence of the coating thickness on transmission in electronic devices By: Troudi, Leila; Jelassi, Khaled; Ben Fredj, Mounir Conference: 10th International Renewable Energy Congress (IREC) Location: Sousse, TUNISIA Date: MAR 26-28, 2019, 2019 10TH INTERNATIONAL RENEWABLE ENERGY CONGRESS (IREC) Book Series: International Renewable Energy Congress Published: 2019 , WOS:000482703000034

Articol citat: George Marian Vasilescu, Victor Cauni, Gabriel Kacso, Marilena Stanculescu, Mihai Marin, Mihai Maricar, Ioan Florea Hantila, Issues on Early Cancer Detection Using Thermographic Methods, 2017 10TH International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Pages: 283-286 (4 pagini) Published: 2017, ISI Thomson Reuters WOS:000403399400056, INSPEC Accession Number: 16836082 , ISSN: 1843-8571, indexata SCOPUS, IEEE Xplore.

Lucrări care citează:

19. Jindal N; Singla J., Kaur B., Sadawarti H., Prashar D., Jha S., Joshi GP., Seo C., Fuzzy Logic Systems for Diagnosis of Renal Cancer, APPLIED SCIENCES-BASEL, Volume: 10, Issue: 10, Article Number: 3464, DOI: 10.3390/app10103464, Published: MAY 2020, Document Type: Article, IF=2.47, WOS:000541440000125
20. Singla, N (Singla, Nikita) ; Sadawarti, H (Sadawarti, Harsh); Singla, J (Singla, Jimmy); Kaur, B (Kaur, Balwinder); Development of multilayer fuzzy inference system for diagnosis of renal cancer, JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, Volume: 39, Issue: 1, Pages: 885-898, DOI: 10.3233/JIFS-191785, Published: 2020, Document Type: Article, IF=1.85, WOS:000550223300021

G2. Citări în reviste BDI și volumele conferințelor BDI

Articol citat: Marilena STĂNCULESCU, Mihai IORDACHE, Lavinia IORDACHE (BOBARU), Dragoș NICULAE, Victor BUCATĂ, *Analysis of Wireless Power Transfer Systems Using S Parameters to Generate the Power Gains*, 2017 International Conference On Optimization Of Electrical And Electronic Equipment (Optim) & 2017 Intl Aegean Conference On Electrical Machines And Power Electronics (ACEMP), May 24-26, Brasov, România, 2017, pp. 72-77 (6 pagini), ISI Thomson Reuters WOS:000426909600010, INSPEC Accession Number: 17028025, DOI: 10.1109/OPTIM.2017.7974950, Publisher: IEEE, pp. 72-77 (6 pagini), indexata SCOPUS, IEEE Xplore.

Lucrări care citează:

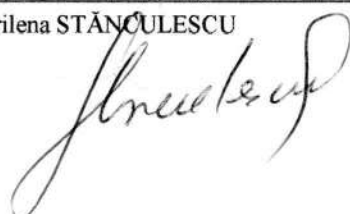
1. Macklyster Lanucy Scherre Stofel de Lacerda, Tatiana Saviato Macedo, Denizar Cruz Martins, Walbermark Marques dos Santos "Experimental Analysis for Low Power Series-Series Compensated Inductive Power Transfer System", (2019-01-01), 2019 IEEE 15th Brazilian Power Electronics Conference and 5th IEEE Southern Power Electronics Conference (COBEP/SPEC), DOI: 10.1109/COBEP/SPEC44138.2019, IEEE Xplore, WOS:000569773500182

Articol citat: STĂNCULESCU Marilena, MARINESCU Stelian, CEREGI Gabriel, Matlab in Electrical Engineering, Journal of Electrical and Electronics Engineering, Vol. 2, Nr. 2, 2009, pp. 95-98, cotate B+, ISSN: 18446035, indexată SCOPUS

Lucrări care citează:

2. George-Calin Seritan, Sorin-Dan Grigorescu, Bogdan-Adrian Enache, Florin Ciprian Argatu, Felix Constantin Adochiei, Teodor Icleanu "Performance Evaluation of a Partially Shaded PV cell with Different Bus Bars Configurations", 2019 54th International Universities Power Engineering Conference (UPEC), (2019-01-01), IEEE Xplore

Articol citat: Oana Drosu, Marilena Stănculescu, *Cardiac Stimulation Through Induced Currents*, The Scientific Bulletin of Electrical Engineering Faculty – SBEEF 17 (2017), no. 2, 25-29, CNCSIS Category B+, CNCSIS Code 830, DOI: 10.1515/sbief-2017-0006, indexata Copernicus.



Lucrări care citează:

3. George Seritan, Monica Bujanovschi, Felix-Constantin Adochiei, Dan Voiculescu, Florin Ciprian Argatu, Sorin Dan Grigorescu "Alert and Surveillance System for Newborns", 2019 E-Health and Bioengineering Conference (EHB) (2019-01-01), WOS:000558648300119, ISBN:978-1-7281-2603-6, **IEEE Xplore**, **SCOPUS**

Articol citat: Emil Cazacu, **Marilena Stanculescu**, Horia Andrei, "On the correction of the power factor in modern low-voltage power electrical installations", The Scientific Bulletin of Electrical Engineering Faculty - SBEEF, volume 17, Issue 2, oct. 2017 pp. 10-15, CNCSIS Category B+, CNCSIS Code 830, DOI: 10.1515/sbief-2017-0003, indexata IndexCopernicus, EBSCO

Lucrări care citează:

4. Florin-Ciprian Argatu, Vlad Brezoianu, Violeta Vasilica Argatu, Bogdan-Adrian Enache, Felix-Constantin Adochiei, Teodor Icleanu "Power Quality Analyzer for Smart Grid-Smart Home Applications", 2019 54th International Universities Power Engineering Conference (UPEC), (2019-01-01), **IEEE Xplore**, **SCOPUS**

Articol citat: V.S. Stanciu, I. Barsan, I.F. Hanțilă, M. Maricau, **Marilena Stănculescu**, *Pulsed operation analysis of the thermoelectric generators used in space applications*, 8th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2013, 23-25 May, 2013, Bucharest, Romania, DOI: 10.1109/ATEE.2013.6563503, INSPEC Accession Number: 13778479, pp. 1-6 (6 pagini), indexata SCOPUS, IEEE Xplore

Lucrări care citează:

5. Ghada Ben Abdallah, Sonia Besbes, Habib Ben Aissia, Jacques Jay, "Analysis of the effect of a pulsed heat flux on the performance improvements of a thermoelectric generator", Applied Thermal Engineering, pp. 113728, 2019, **ScienceDirect**, **Elsevier**, **SCOPUS**.

Articol citat: **Marilena STĂNCULESCU**, Mihai IORDACHE, Maria-Lavinia IORDACHE, Dragoș NICULAE, Victor BUCATĂ, *Using S Parameters in Wireless Power Transfer Analysis*, 2017 10th International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Pages: 107-112 (**6 pagini**) Published: 2017, **ISI Thomson Reuters** **WOS:000403399400022**, INSPEC Accession Number: 16824702, DOI: 10.1109/ATEE.2017.7905186, ISSN: 1843-8571, indexata **SCOPUS**, **IEEE Xplore**.

Articol care citeaza:

6. Subhash Chandra Bera, *Microwave Active Devices and Circuits for Communication*, vol. 533, pp. 111, 2019, Part of the *Lecture Notes in Electrical Engineering*, DOI: 10.1007/978-981-13-3004-9, Edition: 1, Publisher: Springer Singapore, ISBN: 978-981-13-3004-9, first online 2018, indexat **SCOPUS**.
7. Troudi, L., Jelassi, K., & Fredj, M. B. (2019). *The influence of the coating thickness on transmission in electronic devices*. Paper presented at the 2019 10th International Renewable Energy Congress, IREC 2019, doi:10.1109/IREC.2019.8754543 Retrieved from www.scopus.com

Articol citat: Maria-Lavinia IORDACHE, **Marilena STĂNCULESCU**, Mihai Iordache, Dragoș Niculae, Victor Bucată, *Parameter Identification of Magnetic Coupled Resonators in Power Wireless Transfer Systems*, 2016 International Symposium On Fundamentals Of Electrical Engineering (ISFEE), Bucharest, Romania, Jun 30 – Jul 02, 2016, **ISI Thomson Reuters** **WOS:000392434400023**, INSPEC Accession Number: 16563033, DOI: 10.1109/ISFEE.2016.7803171, ISBN:978-1-4673-9575-5, pp. 1-6 (**6 pages**), indexata **SCOPUS**, **IEEE Xplore**.

Articol care citează:

8. Wided Belloumi, Arnaud Bréard, Jaleleddine Ben Hadj Slama, Christian Vollaie, *Numerical approach to study layout influence on electromagnetic emissions signature*, Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility (EMC/APEMC) 2018 IEEE International Symposium on, pp. 1093-1098, **2018 indexat IEEE Xplore**.
9. Wided Belloumi, Arnaud Bréard, Jaleleddine Ben Hadj Slama, Christian Vollaie, *Impact of Layout on the Conducted Emissions of a DC-DC Converter Using Numerical Approach*, *Systems Signals & Devices (SSD) 2018 15th International Multi-Conference on*, pp. 287-291, 2018, indexat **IEEE Xplore**.

Articol citat: V.S. Stanciu, I. Barsan, I.F. Hanțilă, M. Maricau, **Marilena Stănculescu**, *Pulsed operation analysis of the thermoelectric generators used in space applications*, 8th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2013, 23-25 May 2013, Bucharest, Romania, DOI:

10.1109/ATEE.2013.6563503, INSPEC Accession Number: 13778479, pp. 1-6 (6 pagini), indexata SCOPUS, IEEE Xplore.

Articol care citează:

10. S. Lineykin, I. Ruchaevsky, A. Kuperman, *Analysis and optimization of TEG-heatsink waste energy harvesting system for low temperature gradients*, 16th European Conference on Power Electronics and Applications, EPE-ECCE Europe 2014; Lappeenranta; Finland; 26 August 2014 through 28 August 2014, DOI: 10.1109/EPE.2014.6910778, ISBN: 978-147993015-9, indexat SCOPUS, IEEE Xplore.

Articol citat: Marilena STĂNCULESCU, M. Maricar, V. Stefan-Minculete, S. Marinescu, I.F. Hăntilă, *Analytical Solution For Eddy Current Problem, Using Space Eigenfunctions Expansion*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, Volume 58, Issue 2, Pages 123-134, Published Apr-Jun 2013, WOS:000320488100002, ISSN: 0035-4066.

Articol care citează:

11. Van Eikema Hommes, M., Bakker, P., *A triumph with no battle: The significance of a painted wall hanging (1778) in the hofkeshuis in Almelo*, Oud Holland, Volume 129, Issue 2, 2016, Pages: 47-118, DOI: 10.1163/18750176-12901006, ISSN: 0030672X, indexat SCOPUS.

Articol citat: Andrei H., Andrei P.C., Constantinescu L.M., Beloiu R., Cazacu E., Stanculescu M. (2017) Electrical Power Systems. In: Mahdavi Tabatabaei N., Jafari Aghbolaghi A., Bizon N., Blaabjerg F. (eds) *Reactive Power Control in AC Power Systems*. Power Systems. Springer, Cham, 2017, DOI: https://doi.org/10.1007/978-3-319-51118-4_1, WOS:000418032900003, Online ISBN 978-3-319-51118-4, Print ISBN 978-3-319-51117-7, pp. 3-47 (44 pagini), indexata SCOPUS.

Articole care citează:

12. Lei Ding ; Qing-Long Han ; Le Yi Wang ; Eyad Sindi. *Distributed Cooperative Optimal Control of DC Microgrids With Communication Delays*, IEEE Transactions on Industrial Informatics, Volume: 14 , Issue: 9 , Sept. 2018, pages 3924-3935, DOI: 10.1109/TII.2018.2799239, indexata IEEE Xplore.
13. Yaser Bigonah Burki, Naser Nourani Esfetanaj, Milad Gheydi, Mehrdad Mostafavi, Payam Farhadi, *Evaluation of the effect of wind farms with doubly-fed induction generators on steady state voltage stability*, 2017 IEEE International Conference on Environment and Electrical Engineering and 2017 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 6-9 June 2017, 10.1109/EEEIC.2017.7977715, INSPEC Accession Number: 17030014, indexata IEEE Xplore.
14. Enescu, E. Diaconu, *COGENERATION PLANT ON BIOMASS - CASE STUDY*, De Gruyter OPEN, DOI: 10.1515/SBEEF-2017-0027, indexata COPERNICUS.

Articol citat: Mihai IORDACHE, Marilena STĂNCULESCU, Dragoș NICULAE, Maria-Lavinia IORDACHE (BOBARU), Răzvan ASANACHE, *Switched Networks Analysis With Inconsistent Initial Condition*, 2017 7th International Conference On Modern Power Systems (MPS), Cluj-Napoca, JUN 06-09, 2017, Romania, ISI Thomson Reuters WOS:000428462600035, INSPEC Accession Number: 17028441DOI: 10.1109/MPS.2017.7974406, Publisher: IEEE, ISBN: 978-1-5090-6565-3, pp 1-5 (5 pagini), indexata SCOPUS, IEEE Xplore.

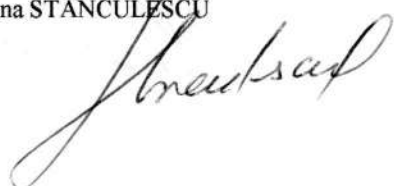
Articol care citează:

15. Barcellona, S., Superti-Furga, G., *Jump power concepts and some theorems on switching*, Journal of Electrical Systems, Volume 14, Issue 2, June 2018, pp. 1-15, ISSN: 11125209, indexat SCOPUS.

Articol citat: Mihai Iordache, Lucia Dumitriu, Dragoș Niculae, Marilena Stănculescu, Victor Bucată, Georgiana Rezmeriță, Chapter "*Circuit Analyses with Nullors*", Lecture Notes in Electrical Engineering 479, In book Pathological Elements in Analog Circuit Design, Editors Mourad Fakhfakh, Marian Pierzchala, March 2018, Springer International Publishing AG, part of Springer Nature 2018, Electronic ISBN 978-3-319-75157-3, Print ISBN: 978-3-319-75156-6, DOI: 10.1007/978-3-319-75157-3_4, pp. 91-147 (57 pagini), WOS:000441385600006, indexata SCOPUS.

Lucrare care citează

16. Reza Hashemian, *Amplifier Design for Specified Frequency Response Profiles Using Nullors-Hearing Aids, a Case Study*, Published in: IEEE Transactions on Circuits and Systems I: Regular Papers (Volume: 65 , Issue: 12 , Dec. 2018, Page(s): 4147 - 4156, INSPEC Accession Number: 18194535, DOI: 10.1109/TCSI.2018.2839035, Publisher: IEEE, indexat IEEE Xplore.
17. Bera S.C. (2019) *Microwave Circuit Analysis*. In: *Microwave Active Devices and Circuits for Communication*. Lecture Notes in Electrical Engineering, vol 533. Springer, Singapore, https://doi-org.am.e-information.ro/10.1007/978-981-13-3004-9_7, Print ISBN 978-981-13-3003-2, indexat SCOPUS.



Articol citat: Georgiana REZMERITA, Lavinia BOBARU, **Marilena STANCULESCU**, Mihai IORDACHE, Dragos NICULAE, *A Self and Mutual Inductance Calculation Resonators with Finite Element Analysis*, 2017 7th International Conference On Modern Power Systems (MPS), Cluj-Napoca, JUN 06-09, 2017, Romania, ISI Thomson Reuters **WOS:000428462600050**, DOI: 10.1109/MPS.2017.7974422, Publisher: IEEE, ISBN: 978-1-5090-6565-3, INSPEC Accession Number: 17028433, DOI: 10.1109/MPS.2017.7974422, indexata **SCOPUS**, **IEEE Xplore**.

Articol care citeaza

18. Vladimir Kindl, Martin Zavrel, Pavel Drabek and Tomas Kavalir, *High Efficiency and Power Tracking Method for Wireless Charging System Based on Phase-Shift Control*, *Energies* 2018, 11(8), 2065; <https://doi.org/10.3390/en11082065>, indexat **SCOPUS**.
19. Orhan Kaplan in "KABLOSUZ GÜÇ AKTARIMI İÇİN KARŞILIKLI ENDÜKTANS HESAPLAMA ARACININ GELİŞTİRİLMESİ", *Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji*, Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, 37-48, 10.29109/gujsc.475869, indexata **Copernicus**, **DOAJ**

Articol citat: **Marilena STANCULESCU**, M. Maricar, I.F.Hăntilă, S. Marinescu, Livia Bandici, *An Iterative Finite Element - Boundary Element Method For Efficient Magnetic Field Computation In Transformers*, *Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique*, Volume: 56 Issue: 3 Pages: 267-276 (**10 pagini**), Published: JUL-SEP 2011, **ISI Thomson Reuters WOS:000298453900003**, ISSN: 0035-4066, IF = 1.114, indexata **SCOPUS**.

Articol care citeaza:

20. Micu, D., *The synthesis of cylindrical conductors through punctiformal charges and applications*, *Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique* Volume 62, Issue 4, October-December 2017, Pages 341-345, ISSN: 00354066, indexat **SCOPUS**.

Lucrare citată: E. Cazacu, **M. Stănculescu**, *Bazele electrotehnicii. Teoria circuitelor electrice și aplicații*, vol.1 și 2, Editura Cartea Universitară, București 2003 citat de

Articol care citeaza:

21. Dumitrescu, C. I., Popescu, M. O., *UPS Voltage Stabilization by Boost Converter Implementation* *Electrotehnica, Electronica, Automatica (EEA)*; Bucharest Vol. 64, no. 2, pp. 71-75, Apr-Jun 2016, ISSN 1582-5175.(BDI: **SCOPUS**, **INSPEC**, Index Copernicus International, ProQuest).
22. Dumitrescu C.I., Popescu M. O., "Characteristics of Different UPS Topologies", in *Electrotehnica, Electronica, Automatica (EEA)*, 2016, vol. 64, no. 4, pp. 102-105, ISSN 1582-5175.(BDI: **SCOPUS**, **INSPEC**, Index Copernicus International, ProQuest).
23. Daniela Georgiana GOLEA, Lucian Ștefan COZMA, *The Magnetic Properties Of Materials And New Military Applications Of Them*, *Scientific Research & Education in the Air Force - AFASES* . 2017, Vol. 1, p305-314. 10p., DOI: 10.19062/2247-3173.2017.19.1.37, ISSN: 2247-3173, ISSN, ISSN-L:2247-3173, (BDI: **EBSCO**, Index Copernicus).

Articol citat: Andrei H., Andrei P.C., Gaiceanu M., **Stanculescu M.**, Arama I.N., Marinescu I. (2019) *Power Systems Recovery and Restoration Encounter with Natural Disaster and Deliberate Attacks*. In: Mahdavi Tabatabaei N., Najafi Ravadanegh S., Bizon N. (eds) *Power Systems Resilience*. *Power Systems*. Springer, Cham, https://doi.org/10.1007/978-3-319-94442-5_10, Print ISBN 978-3-319-94441-8, Online ISBN 978-3-19-94442-5, eBook Packages Energy, pp. 247-287 (**40 pagini**), **WOS:000456874500012**, indexata **SCOPUS**.

Articol care citeaza:

24. Salam A. (2020) Internet of Things for Sustainability: Perspectives in Privacy, Cybersecurity, and Future Trends. In: *Internet of Things for Sustainable Community Development*. *Internet of Things (Technology, Communications and Computing)*. Springer, Cham. https://doi.org/10.1007/978-3-030-35291-2_10, indexata **SCOPUS**

Articol citat: O. Drosu, **M. Stanculescu**, A. Tanasoiu, D.I. Voiculescu, G.G. Petroiu-Andruseac, S. Gkanatsios, *Robotic Orthosis for Recovery of People with Different Trauma*, 2019 E-Health and Bioengineering Conference (EHB), 21-23 Nov. 2019, Iasi, Romania, 4 pages, Publisher: IEEE, DOI: 10.1109/EHB47216.2019.8969937, Electronic ISBN: 978-1-7281-2603-6, USB ISBN: 978-1-7281-2602-9, **WOS:000558648300069**

Articol care citeaza:

25. Bogdan-Adrian Enache, Sorin-Dan Grigorescu, Ioana-Raluca Adochiei, Cristina-Daniela Enache, Daniel Iulian Voiculescu, Violeta Argatu, Alexandra Nistor, Luminita-Mirela Constatinescu, Constantin Stoica, "Didactic Implementation of a Real-Time Biomonitoring Platform", Electronics Computers and Artificial Intelligence (ECAI) 2020 12th International Conference on, pp. 1-4, 2020, **IEEEExplore**

Articol citat: Dragos Niculae, Mihai Iordache, Marilena Stanculescu, Maria Lavinia Bobaru, Sorin Deleanu, A Review of Electric Vehicles Charging Technologies Stationary and Dynamic, 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 28-30 March 2019, INSPEC Accession Number: 18724310, DOI: 10.1109/ATEE.2019.8724943, Publisher: IEEE, **WOS:000475904500100**, ISSN: 1843-8571.

Articole care citeaza:

26. Prantner, M., Parspour, N. , Analytic multi Taylor approximation (MTA) for the magnetic field of a filamentary circular current loop, 2021, Journal of Magnetism and Magnetic Materials, 517,167365, indexat **SCOPUS**
27. Haupt, L., Schöpf, M., Wederhake, L., Weibelzahl, M. , The influence of electric vehicle charging strategies on the sizing of electrical energy storage systems in charging hub microgrids, 2020, Applied Energy, 273,115231, indexat **SCOPUS**
28. Yang, Y., Cui, J., Cui, X. , Design and analysis of magnetic coils for optimizing the coupling coefficient in an electric vehicle wireless power transfer system, Open Access, 2020, Energies, 13(6),4143, indexat **SCOPUS**
29. Graber, G., Calderaro, V., Galdi, V., Piccolo, A. , Battery second-life for dedicated and shared energy storage systems supporting EV charging stations, 2020, Electronics (Switzerland), 9(6),939, indexat **SCOPUS**
30. Mohamed, A.A.S., Shaier, A.A., Metwally, H., Selem, S.I. , A comprehensive overview of inductive pad in electric vehicles stationary charging, 2020, Applied Energy 262,114584, indexat **SCOPUS**
31. Xia, C., Shi, Y., Yin, J., Li, X., Liao, Z., Liu, L., Wu, X. , Design and optimization of the three-phase rail-type magnetic coupling structure for the electric vehicle wireless power transfer system Xia, C., Shi, Y., Yin, J., 2020, Electrical Engineering, indexat **SCOPUS**
32. Ma, C.-T., System planning of grid-connected electric vehicle charging stations and key technologies: A review, 2019, Energies, 12(21),en12214201, indexata **SCOPUS**

Articol citat: Gaiceanu M., Stanculescu M., Andrei P.C., Solcanu V., Gaiceanu T., Andrei H. (2020) Intrusion Detection on ICS and SCADA Networks. In: Pricop E., Fattahi J., Dutta N., Ibrahim M. (eds) Recent Developments on Industrial Control Systems Resilience. Studies in Systems, Decision and Control, vol 255. Springer, Cham. https://doi.org/10.1007/978-3-030-31328-9_10, pp 197-262 (65 pagini), 2020, indexat **SCOPUS**.

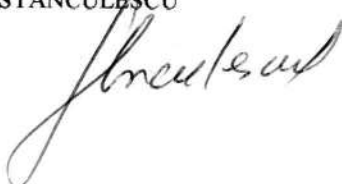
Articole care citeaza:

33. Kreimel, P., Eigner, O., Mercaldo, F., Santone, A., Tavalato, P., Anomaly detection in substation networks, Journal of Information Security and Applications, 54,102527, 2020, indexat **SCOPUS**

Articol citat: Sorin Deleanu, Mihai Iordache, Marilena Stanculescu, Dragos Niculae, The Induction Machine Operating from a Voltage Supply, Unbalanced and Polluted with Harmonics: A Practical Approach, 2019 15th International Conference on Engineering of Modern Electric Systems (EMES), 13-14 June 2019, Pages: 181-184 (4 pages), Document Type: Proceedings Paper, INSPEC Accession Number: 18922646, Publisher: IEEE, DOI: 10.1109/EMES.2019.8795212, WOS:000503434500046, ISBN:978-1-7281-0773-8.

Articole care citeaza:

34. Oskin, S.V., Makarenko, A.S., Miroshnikov, A.V. Increased Probability of Proper Operation of Filter Protection Devices against Phase Failure at Voltage Asymmetry in Rural Electrical Networks, (2020) Proceedings - 2020 International Ural Conference on Electrical Power Engineering, UralCon 2020, art. no. 9216236, pp. 115-120, DOI: 10.1109/UralCon49858.2020.9216236, DOCUMENT TYPE: Conference Paper, SOURCE: **Scopus**
35. Oskin, S.V., Makarenko, A.S., Miroshnikov, A.V., Improving the Efficiency of Protection Devices with Zero Sequence Voltage Filters in Rural Electrical Networks, (2020) Proceedings - 2020 International Russian Automation Conference, RusAutoCon 2020, art. no. 9208221, pp. 181-186, DOCUMENT TYPE: Conference Paper, SOURCE: **Scopus**



Articol citat: Sorin Deleanu, Greg Von Lipinski, Mihai Iordache, **Marilena Stanculescu**, Dragos Niculae, Performance Evaluation of the Three-Phase Induction Motor Operating in Conditions of Unbalanced Voltage Supply, 2019 8th International Conference on Modern Power Systems (MPS), 21-23 May 2019, INSPEC Accession Number: 18821839, DOI: 10.1109/MPS.2019.8759684, Publisher: IEEE, indexată SCOPUS

Articole care citeaza:

36. Cherif, H., Benakcha, A., Khechekhouché, A., Menacer, A., Chehaidia, S.E., Panchal, H., Experimental diagnosis of inter-turns stator fault and unbalanced voltage supply in induction motor using MCSA and DWER, (2020) Periodicals of Engineering and Natural Sciences, 8 (3), pp. 1202-1216, DOI: 10.21533/pen.v8i3.1058.g607, DOCUMENT TYPE: Article, SOURCE: Scopus

Articol citat: George Marian Vasilescu, Victor Cauni, Gabriel Kacso, **Marilena Stanculescu**, Mihai Marin, Mihai Maricar, Ioan Florea Hantila, Issues on Early Cancer Detection Using Thermographic Methods, 2017 10TH International Symposium On Advanced Topics In Electrical Engineering (ATEE) Book Series: International Symposium on Advanced Topics in Electrical Engineering Pages: 283-286 (4 pagini) Published: 2017, ISI Thomson Reuters WOS:000403399400056, INSPEC Accession Number: 16836082, ISSN: 1843-8571, indexata SCOPUS, IEEE Xplore.

Articole care citeaza:

37. Nikita, Kaur, B., Sadawarti, H., & Singla, J. (2020). A neuro-fuzzy based intelligent system for diagnosis of renal cancer. International Journal of Scientific and Technology Research, 9(1), 3699-3705. Retrieved from www.scopus.com
38. Singh, D., Verma, S., & Singla, J. (2020). A comprehensive review of intelligent medical diagnostic systems. Paper presented at the Proceedings of the 4th International Conference on Trends in Electronics and Informatics, ICOEI 2020, 977-981. doi:10.1109/ICOEI48184.2020.9143043 Retrieved from www.scopus.com

Articol citat: M. Maricar, **Marilena Stanculescu**, V. Minculete, I.F. Hăntilă, *Solidification Surface Speed Control Of Ferromagnetic Pieces Using Eddy Current Beating*, Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique Volume: 57 Issue: 4 Pages: 351-360 (10 pagini) Published: OCT-DEC 2012, ISI Thomson Reuters WOS:000313936100003, ISSN: 0035-4066, IF = 0.76, indexata SCOPUS.

Articole care citeaza:

39. Manescu Paltanea, V., Paltanea, G., Gavrilă, H., & Nemoianu, I. V. (2018). Estimation of the damaged zone width due to mechanical cutting on high quality non-oriented steels. Paper presented at the 2018 International Symposium on Fundamentals of Electrical Engineering, ISFEE 2018, doi:10.1109/ISFEE.2018.8742446 Retrieved from www.scopus.com

Data:

29.12.2020

Semnătura:

