

Instituția de învățământ superior: Universitatea Tehnică din Cluj-Napoca

Facultatea de Inginerie Electrică

Domeniul de licență: Inginerie Electrică

Programul de studii de licență: Sisteme electrice – Cluj Napoca engleză

Perioada evaluării:

TABEL PRIVIND INDEPLINIREA INDICATORULUI
Activitatea științifică în domeniul disciplinelor

„Cadrele didactice titulare* au pregătirea inițială, sunt doctori / doctoranzi și cercetează în domeniul în care se includ disciplinele din postul ocupat.”

Nr. crt.	Gradul didactic, numele și prenumele titularului vârsta / vechimea în învățământul superior	Disciplinele din cadrul programului de studii incluse în postul didactic și tipul activității desfășurate (curs, seminar, lucrări, proiect)	Competența cadrului didactic titular în disciplinele din postul didactic			Constatări privind îndeplinirea indicatorului conform Anexei 4.1
			Universitatea/facultatea/specializarea absolvită	Specializarea la masterat/doctorat	Numărul de cărți, numărul de lucrări științifice, numărul de brevete în domeniul disciplinelor din postul didactic (conform Anexelor 4.1.)	
0	1	2	3	4	5	6
1.	Prof. dr. ing. ec. Păcurar Claudia 45 / 20	Modelarea echipamentelor electrice	Universitatea Tehnică din Cluj / Facultatea de Inginerie Electrică / Sisteme electrice	Doctorat în Inginerie Electrică	teza (A); 5 cărți (B1-B5); 2 capitole de carte (B6, B7); 40 articole ISI (C1-C40) 30 articole BDI (C41-C71); 6 lucrări în rev. și vol. conf. (D1-D6)	Îndeplinit
2						

* Din statul de funcții cumulativ al tuturor disciplinelor și tuturor activităților didactice desfășurate în cadrul programului de studii evaluat.

Rector
Prof.dr.ing Vasile ȚOPA

Persoana de contact
Prof.dr.ing.ec. Claudia PĂCURAR

A N E X A 4 . 1

Nume Prenume: Păcurar Claudia

Gradul didactic: Profesor

Instituția unde este titular: Universitatea Tehnică din Cluj-Napoca

Facultatea: Inginerie Electrică

Departamentul: Electrotehnică și Măsurări

L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

„ Contribuții la analiza, modelarea și proiectarea optimală a bobinelor spirală din circuitele integrate micrometrice ”

Conducător științific: Prof.dr.ing. Vasile Țopa

Universitatea Tehnică din Cluj-Napoca

Susținere publică: 12.07.2012

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

1. **Păcurar Claudia**, Calculul inductivității bobinelor spirală utilizând programul software CIBSOC, Editura U.T. Press, Cluj-Napoca, România, ISBN 978-606-737-556-5, 145 pagini, 2022.
2. Giurgiuman Adina N., Munteanu C., Țopa V., **Păcurar Claudia**, Constantinescu Claudia, Modelarea numerică a câmpului electromagnetic. Îndrumător de laborator – Volumul 2, Editura UTPRESS, Cluj-Napoca, România, ISBN 978-606-737-527-5, 278 pagini, 2021.
3. **Păcurar Claudia**, Giurgiuman Nicoleta-Adina, Crețu Mihaela, Gliga Marian-Răzvan, Andreica Sergiu-Iulian, Bazele electrotehnicii-Îndrumător de laborator, ISBN 978-606-737-492-6, 156 pagini, 2020.
4. Răcășan Adina N., Munteanu C., Țopa V., **Păcurar Claudia**, Constantinescu Claudia, Modelarea numerică a câmpului electromagnetic. Îndrumător de laborator – Volumul 1, Editura UTPRESS, Cluj-Napoca, România, ISBN 978-606-737-195-6, 228 pagini, 2016.
5. **Păcurar Claudia**, Țopa Vasile, Analiza, modelarea și proiectarea optimală a bobinelor spirală din circuite integrate micrometrice, Editura U.T. Press, Cluj-Napoca, România, ISBN 978-606-737-007-2, 246 pagini, 2014.

CAPITOLE DE CARTE

6. Constantinescu Claudia, **Păcurar Claudia**, Giurgiuman Adina, Munteanu Calin, Influence of the Conventional and Planar Yagi Uda Antenna on Human Tissues, International Conference on Advancements of Medicine and Health Care through Technology MEDITECH 2022, IFMBE

Proceedings, vol. 102, Springer, Book Chapter, pp. 87-98, https://doi.org/10.1007/978-3-031-51120-2_10, 09 January 2024.

- Constantinescu C., **Păcurar C.**, Giurgiuman A., Munteanu C., Andreica S., Gliga R., The Influence of Electromagnetic Waves Emitted by PIFA Antennas on the Human Head. 7th International Conference on Advancements of Medicine and Health Care through Technology. MEDITECH 2020. IFMBE Proceedings, vol 88. Springer, Book Chapter, pp. 77-91, ISSN 1680-0737, 2021.

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

c1) Articole / studii publicate la conferințe indexate sau în reviste de specialitate de circulație internațională recunoscute (cotate ISI)

ISI Journals

- Constantinescu, Claudia, Andreica Sergiu, Laszlo Rapolti, Giurgiuman Adina, Gliga Marian, Munteanu Calin, and **Pacurar Claudia**, Numerical Modelling, Analysis, and Optimization of RFID Tags Functioning at Low Frequencies" Applied Sciences 14, no. 20: 9544, DOI 10.3390/app14209544, 2024
- Giurgiuman Adina, Gliga M., Bojita A., Andreica S., Munteanu C., Topa V., Constantinescu Claudia, **Păcurar Claudia**, Software Program for the Evaluation of Human Exposure to Electric and Magnetic Fields. Technologies Journal, vol. 11, no. 6, 159, IF: 3.6, November 2023.
- Constantinescu Claudia, **Păcurar Claudia**, Giurgiuman Adina, Munteanu C., Andreica S., Gliga M., High Gain Improved Planar Yagi Uda Antenna for 2.4 GHz Applications and Its Influence on Human Tissues. Applied Sciences-Basel, vol. 13, no. 11, 6678, ISSN: 2076-3417, DOI10.3390/app13116678, WOS:001005579400001, IF: 2.7, May 2023.
- Păcurar Claudia**, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., High Frequency Analysis and Optimization of Planar Spiral Inductors Used in Microelectronic Circuits. Electronics Journal, vol 10, Iss 23, 2897, ISSN: 2079-9292, IF: 2.397, 2021.
- Răcășan Adina, Munteanu C., Topa V., **Păcurar Claudia**, Hebedean Claudia, Analysis and Improvement Techniques for the Transfer Function of a Planar Low-Pass Filter, Environmental Engineering and Management Journal, vol. 15, no. 12, pp. 2579-2586, ISSN 1582-9596, WOS:000393476600004, F.I. =1.096, 2016.

ISI Proceedings

- Andreica S., Munteanu C., Gliga M., **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Morari C., Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492559, ISBN 978-1-6654-3381-5, WOS:000941563300019, 16-17 June 2021.
- Andreica S., Munteanu C., Gliga M., **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Morari C., Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492559, ISBN 978-1-6654-3381-5, WOS:000941563300019, 16-17 June 2021.

8. **Păcurar Claudia**, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., Planar Spiral Inductors Parameter Extraction needed to design a Wireless Power Supply System, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492709, ISBN 978-1-6654-3381-5, WOS:000941563300104, 16-17 June 2021.
9. Constantinescu Claudia, **Păcurar Claudia**, Giurgiuman Adina, Munteanu C., Andreica S., Gliga M., Numerical Modelling and Analysis of Circular Patch Antenna Array for Further Use Determination, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492557, ISBN 978-1-6654-3381-5, WOS:000941563300018, 16-17 June 2021.
10. Gliga M., Munteanu C., Andreica S., **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Optimization of the Control Circuit of a Wireless Power Supply System, 2021 9th International Conference on Modern Power Systems (MPS), DOI 10.1109/MPS52805.2021.9492569, ISBN 978-1-6654-3381-5, WOS:000941563300022, 16-17 June 2021.
11. Constantinescu C., Munteanu C., **Pacurar C.**, Racasan A, Gliga M., Andreica S., High Frequency Analysis of Bowtie Antennas, 2019 11th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2019, Bucharest, Romania, 28-30 March 2019, ISBN: 978-147997514-3, DOI 10.1109/ATEE.2019.8724972, WOS: 000475904500129, 2019
12. **Pacurar C.**, Topa V., Giurgiuman A., Munteanu C., Constantinescu C., Andreica S., Gliga M., Modelling and Analysis of the Halbach Array Magnets, 2019 11th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2019, Bucharest, Romania, 28-30 March 2019, ISBN: 978-147997514-3, DOI 10.1109/ATEE.2019.8724977, WOS:000475904500134, 2019
13. Gliga M., Munteanu C., Andreica S., **Pacurar Claudia**, Constantinescu Claudia, Giurgiuman Adina, Study of Electromagnetic Immunity of Motors used in Automotive Applications, 2019 International Conference on Electromechanical and Energy Systems, SIELMEN 2019, Craiova, Romania, ISBN: 978-1-7281-4012-4, DOI: 978-1-7281-4012-4, WOS: 000630287500054
14. Andreica S., Munteanu C., Gliga M., **Pacurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Butnar L., Pop F., EMC Study for Different Types of Lamps with the same Luminous Flux, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759671, WOS: 000612401900022
15. Gliga M., Munteanu C., Andreica S., **Pacurar Claudia**, Constantinescu Claudia, Giurgiuman Adina, Pop I., Numerical Modeling and Parametric Analysis of a Switched Reluctance Motor, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759688, WOS: 000612401900039
16. Constantinescu Claudia, Munteanu C., **Pacurar Claudia**, Giurgiuman Adina, Andreica S., Gliga M., Numerical Modeling and Parametric Analysis of Induction Plates, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759793, WOS: 000612401900137
17. Giurgiuman Adina, Munteanu C., **Pacurar Claudia**, Constantinescu Claudia, Gliga M., Andreica S., High Frequency Analysis of Bandpass Filters, 2019 8th International Conference on Modern Power Systems, MPS 2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759731, WOS: 000612401900079

18. **Pacurar Claudia**, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., The Construction of a Wireless Power Supply System using Planar Spiral, 8th International Conference on Modern Power Systems, MPS2019, Cluj-Napoca, Romania, ISBN: 978-1-7281-0750-9, DOI: 10.1109/MPS.2019.8759779, WOS: 000612401900123
19. Constantinescu Claudia, Munteanu C., **Păcurar Claudia**, Răcășan Adina, Influence of the Patch Antenna Feeding on their Parameters, Proc. of the 2018 International Conference and Exposition on Electrical and Power Engineering, EPE 2018, pp. 235-240, Iasi, Romania, 18-19 October 2018, ISBN: 978-1-5386-5062-2, ISSN: 2471-6855, WOS: 000458752200044, 2018
20. Andreica Sergiu, Gliga Marian, Răcășan Adina, Munteanu Călin, **Păcurar Claudia**, Constantinescu Claudia, Study of conducted electromagnetic emissions of a wireless power system, 2017 International Conference on Electromechanical and Power Systems, SIELMEN 2017, pp. 191-195, ISBN: 978-1-5386-1846-2, WOS: 000426906000037, 11-13 Oct. 2017
21. Răcășan Adina, **Păcurar Claudia**, Munteanu C., Constantinescu Claudia, Andreica S., Dusa S., High Frequency Analysis of Monolayer Spiral Inductors, Proceedings - 2017 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2017, Brasov, Romania, pp. 116 – 121, ISBN: 978-1-5090-4489-4, WOS: 000426909600017, 25-27 May 2017
22. Andreica S., **Păcurar Claudia**, Țopa V., Răcășan Adina, Constantinescu Claudia, Gliga M., The Analysis of the Multilayer Spiral Inductors Parameters at High Frequency, Proceedings of 2017 International Conference on Modern Power Systems, MPS 2017, Cluj-Napoca, Romania, ISBN: 978-1-5090-6565-3, WOS: 000428462600057, 6-9 June 2017
23. Gliga M., Răcășan Adina, Munteanu C., Andreica S., **Păcurar Claudia**, Țopa V., Constantinescu Claudia, The Influence of Ferrite on the Spiral Inductors Inductance used for the Design of Wireless Power Systems, Proceedings of 2017 International Conference on Modern Power Systems, MPS 2017, Cluj-Napoca, Romania, ISBN: 978-1-5090-6565-3, WOS: 000428462600059, 6-9 June 2017
24. Răcășan Adina, Munteanu C., Țopa V., **Păcurar Claudia**, Hebedean Claudia, Cislariu Mihaela, Analysis, Identification and Minimization the Parasitic Effects of the Multilayer Spiral Inductors, Proc. of the 2016 International Conference and Exposition on Electrical and Power Engineering, EPE 2016, Iasi, Romania, pp. 392-397, ISBN 978-1-4799-5849-8, WOS:000390706300079, ISSN: 2471-6855, 20-22 October 2016
25. Pop F., Munteanu C., Răcășan Adina, **Păcurar Claudia**, Prusu S., Mihai G., Evaluation of Conducted Disturbances from LED Lamps According to EN 55015, 2016 International Conference on Communications COMM 2016, Bucharest, Romania, pp. 517-520, ISBN 978-1-4673-8197-0, WOS:000383221900103, 9-11 June 2016
26. **Păcurar Claudia**, Țopa V., Răcășan Adina, Munteanu C., Constantinescu Claudia, Pop F., Andreica S., Cislariu Mihaela, High Frequency Multilayer Spiral Inductors Modeling, 2016 International Conference on Production Research–Regional Conference Africa, Europe and the Middle East 4rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM 2016, Cluj-Napoca, Romania, pp. 110-116, ISBN 978-606-737-180-2, Ed. UTPress, WOS: 000436122900019, ISBN: 978-606-737-180-2, 25-30 July 2016
27. Pop F., Munteanu C., **Păcurar Claudia**, Răcășan Adina, Prusu S., Avram A., Chiorean C., PreCompliance Test for Conducted Emissions, 2016 International Conference on Production Research–Regional Conference Africa, Europe and the Middle East 4rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM

- 2016, Cluj-Napoca, Romania, pp. 509-512, WOS: 000383221900103, ISBN 978-606-737-180-2, Ed. UTPress, 25-30 July 2016
28. Hebedean Claudia, Munteanu C., Răcășan Adina, **Păcurar Claudia**, Augustin D., The Influence of Parameters on the Parasitic Capacitance Values in a Planar Transformer, The 9th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2015, Bucharest, Romania, pp. 838 – 343, ISBN 978-1-4799-7514-3, WOS:000368159800154, 7-9 May 2015
29. Răcășan Adina, Munteanu C., Țopa V., **Păcurar Claudia**, Hebedean Claudia, Marcu C., Home Appliances Conducted Electromagnetic Emissions Analysis and Mitigation Methods, The 9th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2015, Bucharest, Romania, pp. 356–361, ISBN 978-1-4799-7514-3, WOS:000368159800067, 7-9 May 2015
30. Răcășan Adina, Munteanu C., Țopa V., **Păcurar Claudia**, Hebedean Claudia, Adam Ema, Numerical Analysis and Modelling of the Electromagnetic Interferences in Integrated Planar Structures, 16th International Conference on Harmonics and Quality of Power, ICHQP 2014, Bucharest, Romania, pp.122-126, ISBN 978-146736487-4, ISSN 2164-0610, WOS:000343776100026, 25-28 May 2014
31. Răcășan Adina, Munteanu C., Țopa V., **Păcurar Claudia**, Hebedean Claudia, Electromagnetic Interferences Suppresion in Planar Integrated Devices, Proc. of the 2014 International Symposium on Electromagnetic Compatibility, EMC Europe 2014, Gothenburg, Sweden, pp. 940-945, ISBN 978-1-4799-3225-2, ISBN:978-1-4799-3226-9, ISSN 10774076, WOS:000364988600170, 1-4 September 2014
32. Hebedean Claudia, Munteanu C., Răcășan Adina, **Păcurar Claudia**, Analysis of the Influence of Parasitic Parameters on Planar Transformers, 14th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014, Brasov, Romania, pp. 40–45, ISBN 978-1-4799-5183-3, WOS:000343551300006, 22-24 May 2014
33. Răcășan Adina, Munteanu C., Țopa V., **Păcurar Claudia**, Hebedean Claudia, Filter Geometry Optimisation for the Conduction Electromagnetic Interferences Suppression, 14th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014, Brasov, Romania, pp. 46 – 51, ISBN 978-1-4799-5183-3, WOS:000343551300007, 22-24 May 2014
34. Răcășan Adina, Munteanu C., Țopa V., **Păcurar Claudia**, Hebedean Claudia, Cislariu Mihaela, Methods for Planar Integrated Low Pass Filter Performance Improvements in High Frequency, Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering, EPE 2014, Iasi, Romania, pp. 617-621, ISBN 978-1-4799-5849-8, WOS:000353565300113, 16-18 October 2014
35. Hebedean Claudia, Munteanu C., Răcășan Adina, **Păcurar Claudia**, Efficiency determination for the improvement methods used for planar structures applied on EMI filters, Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering, EPE 2014 Iasi, România, pp. 627-632, ISBN 978-1-4799-5849-8, WOS:000353565300115, 16-18 October 2014
36. **Păcurar Claudia**, Țopa V., Răcășan Adina, Munteanu C., Rafiroiu D., Hebedean Claudia, High Frequency 3D Modeling of Spiral Inductors, 2014 International Conference on Production Research–Regional Conference Africa, Europe and the Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM 2014, Cluj-Napoca, Romania, pp. 379-383, ISBN 978-973662978-5, WOS:000346410700046, 1-5 July 2014

37. Hebedean Claudia, Munteanu C., Răcășan Adina, **Păcurar Claudia**, HF Losses Improvement for a Planar Integrated EMI Filter, 2014 International Conference on Production Research – Regional Conference Africa, Europe and the Middle East 3rd International Conference on Quality and Innovation in Engineering and Management, ICPR-AEM-QIEM 2014, Cluj-Napoca, Romania, pp. 235-240, ISBN 978-973-662-978-5, WOS:000346410700046, 1-5 July 2014
38. **Păcurar Claudia**, Țopa V., Răcășan Adina, Munteanu C., Hebedean Claudia, Spiral Inductors Analysis and Modelling, 14th International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2014, Brasov, Romania, pp. 210–215, ISBN 978-1-4799-5183-3, WOS:000343551300030, 22-24 May 2014
39. Hebedean Claudia, Munteanu C., Răcășan Adina, **Păcurar Claudia**, Improving EMI Filters by Decreasing their Parasitic Capacitance, Proc. of the 2014 International Conference on Applied and Theoretical Electricity, ICATE 2014, Craiova, Romania, pp. 1-6, ISBN 978-1-4799-4161-2, WOS:000352737400066, 23-25 Octombrie 2014
40. **Păcurar Claudia**, Țopa V., Răcășan Adina, Munteanu C., Hebedean Claudia, Cislariu Mihaela, D. Rafiroiu, High Frequency Modeling of Square Spiral Inductor, Proc. of the 2014 International Conference and Exposition on Electrical and Power Engineering, EPE 2014, Iasi, Romania, pp. 622-626, ISBN 978-1-4799-5849-8, WOS:000353565300114, 16-18 October 2014

c2) Studii publicate la conferințe sau în reviste indexate în baze de date internaționale de referință în domeniul (DBLP, ACM, IEEE, SCOPUS, etc)¹

IEEE și SCOPUS

41. Constantinescu Claudia Alana, **Păcurar Claudia**, Giurgiuman Adina, Munteanu Calin, Dragan Florin, Andreica Sergiu; Gliga Marian, The Influence of Human Tissues on the Patch Antennas' Parameters, Transactions on Electromagnetic Spectrum, Vol.2, No.1, pp.38-48, Doi:10.5281/zenodo.7646244, 2023
42. Constantinescu C, **Păcurar C**, Munteanu C, Giurgiuman A, Andreica S., Gliga M, Influence of the Geometrical Parameters of a Planar Yagi-Uda Antenna on its Performances, IOP Conference Series: Materials Science and Engineering, ICEMS-BIOMED, 2022, pp. 1-12, DOI: 10.1088/1757-899X/1254/1/012017, 2022.
43. **Păcurar C**, Țopa V, Giurgiuman A, Munteanu C, Constantinescu C, Gliga M, Andreica S., The influence of the patch antennas emissions on the human head, IOP Conference Series: Materials Science and Engineering, ICEMS-BIOMED, 2022, pp. 1-14, DOI: 10.1088/1757-899X/1254/1/012018, 2022.
44. Andreica Sergiu, Munteanu Calin, Gliga Marian, **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Study of the Electromagnetic Field Generated by Wireless Communication Systems, 2022 International Conference and Exposition on Electrical and Power Engineering (EPE), DOI: 10.1109/EPE56121.2022.9959779, ISBN: 978-1-6654-8994-2, 2022.

¹ indexate în:

[IEEE] - IEEE Xplore (<http://ieeexplore.ieee.org/Xplore/guesthome.jsp>)

[ACM] - ACM portal (<http://portal.acm.org>)

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[SCOPUS] - (<http://www.scopus.com>)

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45. Gliga Marian, Munteanu Calin, Andreica Sergiu, Constantinescu Claudia, Giurgiuman Adina, **Păcurar Claudia**, Denisa Morar, Study of Conduction Emissions of Household Appliances, 2022 International Conference and Exposition on Electrical and Power Engineering (EPE), DOI: 10.1109/EPE56121.2022.9959764, ISBN: 978-1-6654-8994-2, 2022.
46. Giurgiuman Adina, **Păcurar Claudia**, Constantinescu Claudia, Munteanu Calin, Gliga Marian, Andreica Sergiu, Analysis and Optimal Design of a Wireless Power Transfer System for Electrical Vehicles, 2022 International Conference and Exposition on Electrical and Power Engineering (EPE), DOI: 10.1109/EPE56121.2022.9959810, ISBN: 978-1-6654-8994-2, 2022.
47. Giurgiuman Adina, Munteanu C., **Păcurar Claudia**, Constantinescu Claudia, Gliga M., Andreica S., The influence of the geometric shapes of the component elements of the planar filter on its parameters, 9th International Conference on Modern Power Systems, MPS 2021, DOI 10.1109/MPS52805.2021.9492641, ISBN 978-1-6654-3383-9, 16-17 June 2021
48. Andreica S., Munteanu C., Gliga M., **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Morari C., Interlaboratory Comparison of Electromagnetic Fields in Power Supply Systems, 9th International Conference on Modern Power Systems MPS 2021, DOI 10.1109/MPS52805.2021.9492559, ISBN 978-1-6654-3383-9, 16-17 June 2021
49. Constantinescu Claudia, **Păcurar Claudia**, Giurgiuman Adina, Munteanu C., Andreica S., Gliga M., Numerical modelling and analysis of circular patch antenna array for further use determination, 9th International Conference on Modern Power Systems, MPS 2021, DOI 10.1109/MPS52805.2021.9492557, ISBN 978-1-6654-3383-9, 16-17 June 2021
50. **Păcurar Claudia**, Topa V., Giurgiuman Adina, Munteanu C., Constantinescu Claudia, Gliga M., Andreica S., Planar spiral inductors parameter extraction needed to design a wireless power supply system, 9th International Conference on Modern Power Systems MPS 2021, DOI 10.1109/MPS52805.2021.9492709, ISBN 978-1-6654-3383-9, 16-17 June 2021
51. Gliga M., Munteanu C., Andreica S., **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Optimization of the control circuit of a wireless power supply system, 9th International Conference on Modern Power Systems, MPS 2021, DOI 10.1109/MPS52805.2021.9492569, ISBN 978-1-6654-3383-9, 2021
52. Andreica S., Munteanu C., Gliga M., **Păcurar Claudia**, Giurgiuman Adina, Constantinescu Claudia, Design of multilayer spiral coils with different geometries to determine the inductance, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020, Iași, Romania, 22-23 Oct. 2020, ISBN:978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305615
53. Gliga M., **Păcurar Claudia**, Munteanu C., Andreica S., Constantinescu Claudia, Giurgiuman Adina, Analysis of different type of ring inelar permanent magnets in order to achieve a uniform magnetic field around them, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020, Iași, Romania, 22-23 Oct. 2020, ISBN:978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305525
54. Giurgiuman Adina, Constantinescu Claudia, **Păcurar Claudia**, Topa V., Munteanu C., Gliga M., Andreica S., The analysis, modelling and comparison between circular and rectangular patch antennas, 11th International Conference and Exposition on Electrical and Power Engineering, EPE 2020, Iași, Romania, 22-23 Oct. 2020, ISBN:978-1-7281-8126-4, DOI: 10.1109/EPE50722.2020.9305549
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E. Brevete obținute în întreaga activitate

1.

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