

LISTA LUCRĂRILOR ȘTIINȚIFICE

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(A1) Cărți și capitole de cărți de specialitate

[A1.1] **D. Șteț**, A. Ceclan, L. Czumbil, Ș. Cîrstea, C. Mureșan, T. Farkas, R. Briscan: *Tranziție energetică spre neutralitate climatică. Noțiuni de eficiență energetică*, ed. UT Press, Cluj-Napoca, Romania, ISBN 978-606-737-712-5, **2024** ([LINK ACCESARE](#))

[A1.2] **D. Șteț**, L. Czumbil, D.D. Micu: *Evaluation of Electromagnetic Interferences Affecting Metallic Pipelines*, in Pipeline Engineering, Ch. 3, pag. 24, ed. IntechOpen, London, UK, ISBN: 978-1-83768-000-9, **2022** ([LINK ACCESARE](#))

[A1.3] N.V. Burnete, O.P. Stan, Ș. Cîrstea, **D. Șteț**: *Tendințe și evoluții emergente în universitățile tehnice*, Ed. UTPRESS, Cluj - Napoca, Romania, ISBN 978-606-737-615-9, **2022** ([LINK ACCESARE](#))

[A1.4] L. Czumbil, D.D. Micu, **D. Șteț**, L. Ancăș : *Tehnici de inteligență artificială pentru analiza, modelarea și predicția fenomenelor de interferență electromagnetică*, ed. UTPress, Cluj-Napoca, Romania, ISBN: 978-606-737-563-3, **2022**

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[A2.1.1] I.A. Iancu, P. Hendrivk, D.D. Micu, **D. Șteț**, L. Czumbil, Ș. Cîrstea, *The Influence of Cultural Factors on Choosing Low-Emission Passenger Cars*, Sustainability, ISSN: 2071-1050, vol. 15, no. 8, art. no. 6848, 2023. Doi: 10.3390/su15086848, WOS: 000984041500001 (2 citări din care 2 în reviste indexate WOS)

[A2.1.2] C. Mureșan, L. Dărăbant, **D. Șteț**, L. Czumbil, A. Ceclan, T. Farkas, A. Polycarpou, D.D. Micu, *The Impact Assessment of an Energy Efficiency Focused Course Implementation in Electrical Engineering Undergraduate Students Curricula*, 57th International Universities Power Engineering Conference (UPEC), ISBN: 978-1-6654-5505-3, Istanbul, Turkey, August 30 – September 02, 2022. DOI: 10.1109/UPEC55022.2022.9917924 WOS:000886926200095 (3 citări)

[A2.1.3] T. Farkas, P. Ungureșan, M. Crețu; **D. Șteț**, L. Czumbil, A. Ceclan, C. Mureșan, A. Polycarpou, D.D. Micu, *Hybrid Energy System Analysis for a Swimming Pool Complex using HOMER Pro*, International Universities Power Engineering Conference (UPEC), ISBN: 978-1-6654-5505-3, Istanbul, Turkey, 2022 DOI:10.1109/UPEC55022.2022.9917941, WOS:000886926200101(3 citări din care 1 în reviste indexate WOS)

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[A2.1.5] T. Farkas, L. Czumbil, M. Crețu, L. Dărăbant, **D. Șteț**, A. Ceclan, A. Polycarpou, D.D. Micu, *Assessment of the Romanian Pilot Site Energy Consumption Indicators and Technical Prerequisites in the Implementation of the RE-COGNITION Horizon Project*, 9th International Conference on Modern Power Systems (MPS), ISBN: 978-1-6654-3382-2, Cluj-Napoca, Romania, June 16-17, 2021. DOI: 10.1109/MPS52805.2021.9492686 WOS:000941563300087 (2 citări)

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[A2.1.15] Ș.F. Braicu, L. Czumbil, D.D. Micu, **D. Șteț**, A. Ceclan, E. Simion & H. Nouri, *Load Flow Analysis in a 110/20 kV Romanian Substation*, 7th International Conference on Modern Power Systems (MPS), ISBN:978-1-5090-6565-3, Cluj-Napoca, Romania, June 6-9, 2017. Doi: 10.1109/MPS.2017.7974421, WOS: 000428462600049 (2 citări)

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- [A2.1.23] D.D. Micu, B. Bârgăuan, A. Ceclan, **D. Șteț**, L. Czumbil, A. Căținean, A. Polycarpou, *On a Demand Response Pilot Demonstration in the Technical University of Cluj-Napoca*, 9th International Conference and Exposition on Electrical and Power Engineering (EPE), ISBN: 978-1-5090-6128-0, pp. 785-791, Iași, Romania, October 20-22, 2016. Doi: 10.1109/ICEPE.2016.7781445 WOS: 000390706300155 (11 citări din care 8 în reviste indexate WOS)
- [A2.1.24] Ș.F. Braicu, L. Czumbil, **D. Șteț**, D.D. Micu, *Evaluation of the Electric and Magnetic Field Near High Voltage Power Lines*, IFMBE Proceedings, ISSN: 1680-0737, vol. 59, pp. 141-146, presented at 5th International Conference on Advancements of Medicine and Health Care through Technology (MEDITECH), Cluj-Napoca, Romania, October 12-15, 2016. Doi: 10.1007/978-3-319-52875-5_32, WOS:000426009100032 (4 citări din care 4 în reviste indexate WOS)

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[A2.2.1] I.A. Iancu, P. Hendrick, D.D. Micu, **D. Șteț**, L. Czumbil, Ș.D. Cîrstea, *Decreasing CO2 Emissions from Energy Generation and Consumption to Achieve the Green Deal Targets*, 2nd International Conference on Energy Transition in the Mediterranean Area (SyNERGY MED), ISBN: 978-1-6654-6107-8, Thessaloniki, Greece, October 17-19, 2022. DOI: 10.1109/SyNERGYMED55767.2022.9941446, SCOPUS (2 citări)

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