

Publicații relevante

1. **Cristea M.**, Tîrnovan R.-A., Cristea C., Făgărășan C., “Levelized cost of storage (LCOS) analysis of BESSs in Romania”, Sustainable Energy Technologies and Assessments, vol. 53, 2022, <https://doi.org/10.1016/j.seta.2022.102633>. (Rev. ISI – zona roșie)
2. Cristea C., **Cristea M.**, Birou I., Tîrnovan R.-A., “Economic assessment of grid-connected residential solar photovoltaic systems introduced under Romania’s new regulation”, Renewable Energy, Vol. 162, 2020, pp. 13-29., <https://doi.org/10.1016/j.renene.2020.07.130>. (Rev. ISI – zona roșie)
3. Cristea C., **Cristea M.**, Micu D.D., Ceclan A., Tîrnovan R.-A., Șerban F.M., “Tridimensional Sustainability and Feasibility Assessment of Grid-Connected Solar Photovoltaic Systems Applied for the Technical University of Cluj-Napoca”, Sustainability, vol. 14, issue 17, 2022, <https://doi.org/10.3390/su141710892>. (Rev. ISI – zona galbenă)
4. Tîrnovan R.-A., **Cristea M.**, “Advanced techniques for fault detection and classification in electrical power transmission systems: An overview”, 2019 8th International Conference on Modern Power Systems (MPS), Cluj-Napoca, România, 2019, <https://doi.org/10.1109/MPS.2019.8759695>. (ISI Proceedings)
5. Cristea C., **Cristea M.**, Birou I., Tîrnovan R., “Techno-economic evaluation of a grid-connected residential rooftop photovoltaic system with battery energy storage system: a Romanian case study”, 2020 International Conference on Development and Application Systems (DAS), Suceava, 2020, <https://doi.org/10.1109/DAS49615.2020.9108954>. (ISI Proceedings)
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7. **Cristea M.**, Cristea C., Tîrnovan R.-A., Fagarasan C., “Optimal Sizing of Electrical Energy Storage System for a Household with a Grid-Connected PV System using Inventory Model”, 2020 International Conference and Exposition on Electrical and Power Engineering (EPE), Iasi, Romania, 2020, <https://doi.org/10.1109/EPE50722.2020.9305637>. (IEEE)
8. Cristea C., **Cristea M.**, Tîrnovan R.-A., Birou I., “Economic Assessment of Grid-Connected Residential Rooftop Photovoltaics with Battery Energy Storage System under Various Electricity Tariffs: A Case Study in Romania”, 2020 International Conference and Exposition on Electrical and Power Engineering (EPE), Iași, România, 2020, <https://doi.org/10.1109/EPE50722.2020.9305671>. (IEEE)
9. **Cristea M.**, Tîrnovan R.-A., Cristea C., Pica C.S., Fagarasan C., “A multi-criteria decision making approach for public lighting system selection”, MATEC Web of Conferences, vol.184, 2018, <https://doi.org/10.1051/mateconf/201818404006>.
10. **Cristea M.**, Tîrnovan R.-A., Cristea C., Pica C.S., “A multi-criteria decision making approach in lighting technology selection for a production hall”, MATEC Web of Conferences, vol.184, 2018, <https://doi.org/10.1051/mateconf/201818404007>.

Teza de doctorat

Titlul: Contribuții privind managementul și proiectarea optimală a sistemelor de stocare a energiei electrice în rețele cu generare distribuită, Conducător științific: Prof. dr. ing. Radu-Adrian Tîrnovan, susținută în mai 2022.

Cărți

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1. Făgărășan C., Cristea C., **Cristea M.**, Popa O., Pîslă A., “Integrating Sustainability Metrics into Project and Portfolio Performance Assessment in Agile Software Development: A Data-Driven Scoring Model”, Sustainability, vol.15, issue 17, 2023, <https://doi.org/10.3390/su151713139>. (Rev. ISI – zona galbenă)
2. Făgărășan I., Rusu A., **Cristea M.**, Bala C.-G., Vulturar D.-M., Cristea C., Todea D.-A., “Predictors of New-Onset Diabetes in Hospitalized Patients with SARS-CoV-2 Infection”, International Journal of Environmental Research and Public Health, vol. 19, issue 20, <https://doi.org/10.3390/ijerph192013230>. (Rev. ISI – zona roșie)
3. Cristea C., **Cristea M.**, “KPIs for operational performance assessment in flexible packaging industry”, Sustainability, vol.13, issue 6, 2021, <https://doi.org/10.3390/su13063498>. (Rev. ISI – zona galbenă)
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6. Cristea C., Stoenoiu C.E., **Cristea M.**, Birou I., Serban F.M., “THE EFFECT OF FINANCIAL LEVERAGE ON DIVIDEND POLICY: EVIDENCE FROM AN EMERGING MARKET”, 6th Review of Management and Economic Engineering International Management Conference, Cluj-Napoca, România, 2018. (ISI Proceedings)
7. Cristea C., **Cristea M.**, Birou I., “The effects of working capital management on company profitability in the Romanian construction industry”, Proceedings of the 5th International Management Conference: From Management of Crisis to Management in Time of Crisis, September 22-24, Cluj-Napoca, Romania, 2016, pp. 255-260. (ISI Proceedings)
8. Cristea C., **Cristea M.**, “A multi-criteria decision making approach for supplier selection in the flexible packaging industry”, Proceedings of the 4th International Conference on Computing and Solutions in Manufacturing Engineering 2016 – CoSME’16, Brașov, Romania, November 3-4, 2016, <https://doi.org/10.1051/mateconf/20179406002>. (ISI Proceedings)

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