

# LISTA DE LUCRĂRI

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- 1- Direct and Indirect Environmental Aspects of an Electric Bus Fleet Under Service, MDPI, ISSN 1996-1073, Bogdan Ovidiu Varga , Florin Mariasiu, Cristian Daniel Miclea, **Ioan Szabo**, Anamaria Andreea Sirca and Vlad Nicolae, Energies 2020.

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- 1- Comparative study of Li-ion 18650 cylindrical cell under pinch indentation, Annual Session of Scientific Papers - IMT Oradea 2022, **I Szabo**, A A Sirca, L Scurtu, L Kocsis, I N Hanches, F Mariașiu Materials Science and Engineering, 2022  
<https://iopscience.iop.org/article/10.1088/1757-899X/1256/1/012022>
- 2- Comparative study of Li-ion 21700 cylindrical cell under mechanical deformation, Annual Session of Scientific Papers - IMT Oradea 2022, **I Szabo**, A A Sirca, L Scurtu, L Kocsis, I N Hanches and F Mariașiu Materials Science and Engineering, 2022  
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- 3- Influence of drone's nacelle conicity on the airflow dynamics, Annual Session of Scientific Papers - IMT Oradea 2022, A.A. Sirca, **I.Szabo** , F. Mariașiu, D.Moldovanu and H.Cărăușan, Materials Science and Engineering, 2022  
<https://iopscience.iop.org/article/10.1088/1757-899X/1256/1/012015/meta>
- 4- Research on the behaviour of a LiFePo4 pouch cell under mechanical stress, Annual Session of Scientific Papers - IMT Oradea 2020, ISSN: 2457-8347, **I Szabo**, L Kocsis and F Mariasiu, Materials Science and Engineering, 2020  
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<https://iopscience.iop.org/article/10.1088/1757-899X/898/1/012021/meta>
- 6- Numerical analysis of the influence of mechanical stress on the battery pack's housing of an electric vehicle, Annual Session of Scientific Papers "IMT ORADEA 2019, ISSN: 1757-8981, L Scurtu , **I Szabo** , F Mariasiu, D Moldovanu, L Mihali , Ancuta Jurco, IOP Materials Science and Engineering, 2019

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- 1- Performance Analysis of Electric Vehicles Available in the Current Automotive Market, THE ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI FASCICLE IX. METALLURGY AND MATERIALS SCIENCE No. 1 – 2019, ISSN 2668-4748; e-ISSN 2668-4756, Florin MARIASIU, Adela BORZAN, Marius S. MOTOGNA, Ioan SZABO. 2019

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