

## LISTA DE LUCRĂRI

### PARTICIPĂRI LA MANIFESTĂRI ȘTIINȚIFICE

1. I. Petreanu, V. Niculescu, M. Dragan, A. Spînu-Zaulet, R. Ene, C. Iacob, M. Teodorescu, "Design and testing of a Composite Proton Exchange Membrane based on Sulfonated Polyphenylene Oxide and Mesoporous Silica", 21<sup>st</sup> Romanian International Conference on Chemistry and Chemical Engineering, Constanta, Romania, 4-7 September 2019
2. A. Spinu-Zaulet, I. Petreanu, V. Niculescu, S. M. Raboaca, R. Ene, A. Ciocan, E. Carcadea, C. Iacob, "Glassy dynamics and charge transport of single-ion conductors in bulk and under two dimensional geometrical constraint", 21<sup>st</sup> Romanian International Conference on Chemistry and Chemical Engineering, Constanta, Romania, 4-7 September 2019
3. I. Petreanu, V. Niculescu, A. Soare, M. Drăgan, S. Enache, C. Iacob, M. Teodorescu, "Microwaves Assisted Synthesis of Mesoporous Silica Nanoparticles", International Symposium of Chemical Engineering and Materials, Bucharest, Romania, September 17-18, 2020, SICHEM 2020:
4. I. Petreanu, V. Niculescu, S. Enache, C. Iacob, M. Teodorescu, "Structural assessment of silica and amino-functionalized silica nanoparticles by FTIR and Raman Spectroscopy", 13<sup>th</sup> International Conference Processes in Isotopes and Molecules, Cluj-Napoca, Romania, September 22 – 24, 2021, PIM 2021.
5. I. Petreanu, A. Soare, S. Enache, C. Iacob, "Amino-functionalised silica nanoparticles – synthesis and characterization", 23<sup>rd</sup> International Conference "New Cryogenic and Isotope Technologies for Energy and Environment", Băile Govora, Romania, October 26 – 29, 2021, *EnergEn* 2021.
6. C. Iacob, R. Andrei, S. Badea, I. Petreanu, A. Zăuleț, V. Niculescu, "Solid polymer Electrolytes for Solid-state Batteries", 23<sup>rd</sup> International Conference "New Cryogenic and Isotope Technologies for Energy and Environment", Băile Govora, Romania, October 26 – 29, 2021, *EnergEn* 2021.