

Listă publicații

Drd. ing. Mihaela MIHAI (IONIȚĂ)

Articole

1. **Ioniță, M.**, Crișciuc, A.V., Racoviță, R.C., Sima, S., **Secuianu, C.***, “Phase diagram predictions for CO₂ + different classes of organic substances at high-pressures”, *University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science*, **83 (2)**, 117 – 132, **2021**, **IF₂₀₂₁=-**; **IF₂₀₂₂=0.5 (Q4)**, WOS:000661663200012.
2. **Ioniță, M.**, Sima, S., Cismondi, M., **Secuianu, C.***, “Phase equilibria for the carbon dioxide + cyclopentane + cyclohexane system at high pressures”, *Rev. Roum. Chim.*, **66 (3)**, 303 – 308, **2021**, DOI: 10.33224/rch.2021.66.3.11, **IF₂₀₂₁=0.410**; **IF₂₀₂₂=0.5 (Q4)**, WOS:000697349100013.
3. **Ioniță, M.**, Sima, S.*, Crișciuc, A.V., **Secuianu, C.***, Nichita, D.V.*, “Phase behavior of carbon dioxide + 2,4-dimethylpentane binary system at high pressures”, *J. Supercrit. Fluids*, **199**, Article number 105941, **2023**, <https://doi.org/10.1016/j.supflu.2023.105941>, **IF₂₀₂₁=4.514**, **IF₂₀₂₂=3.9**, (Q2) WOS:000988971300001.

Factor de impact cumulat: 4.924 (JCR2021) / 4.9 (JCR2022).

Conferințe

1. Sima, S., **Ioniță, M.**, Racoviță, R.C., Feroiu, V., **Secuianu, C.***, “Phase equilibria and densities of carbon dioxide + 1-hexanol”, *21st Romanian International Conference on Chemistry & Chemical Engineering – RICCCCE 21*, 4-7 September, 2019, Mamaia-Constanța, Romania (oral presentation).
2. **Ioniță, M.**, Sima, S., **Secuianu, C.***, “Phase equilibria of CO₂ + organic compounds and their potential role in CCS”, *5th International Conference on Chemical Engineering. Innovative Materials and Processes for a Sustainable Development – ICCE 2020*, “Gheorghe Asachi” Technical University of Iasi, Iasi, Romania, October 28-30, 2020 (oral communication, virtual conference).
3. Sima, S., **Ioniță, M.**, **Secuianu, C.**, “Phase Equilibria of carbon dioxide + 2,4-dimethylpentane”, *ESAT 2021 – 31st European Symposium on Applied Thermodynamics France -100% Virtual - 5-9 July 2021* (poster, virtual conference).
4. Sima, S., **Ioniță, M.**, **Secuianu, C.**, “Phase equilibria in systems of interest for CCS”, *ESAT 2021 – 31st European Symposium on Applied Thermodynamics France -100% Virtual - 5-9 July 2021* (poster, virtual conference).

5. Sima, S., **Sima, S.**, **Ioniță, M.**, Crișciu, A., Secuianu, C.*, “Experimental methods for investigating phase equilibria of clathrate hydrates”, *22nd Romanian International Conference on Chemistry and Chemical Engineering – RICCCCE 22*, September 7 – 9, 2022, Sinaia, Romania (oral communication).
6. **Crișciu, A.**, **Ioniță, M.**, Sima, S., Secuianu, C.*, “Modelling phase equilibria of clathrate hydrates”, *22nd Romanian International Conference on Chemistry and Chemical Engineering – RICCCCE 22*, September 7 – 9, 2022, Sinaia, Romania (oral communication).
7. Sima, S., **Ioniță, M.**, Crișciu, A., **Secuianu, C.***, Nichita, D.V., “High-pressure phase equilibrium for carbon dioxide + branched alkanes”, *32nd European Symposium on Applied Thermodynamics – ESAT 2022*, 17-20 July 2022, TU Graz, Graz, Austria (oral communication).