

Lista de Publicații



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Articole (ISI)

5. Damian Axente, Stefan Bugeac, Stefan Gergely, Mihai Gligan, Cristina Marcu, **Zsolt Szucs**, Codruta Varodi, *The production of the isotope ^{15}N by isotopic exchange in nitrox system at pressure*, REV. CHIM. (Bucharest) ,70, No.5, 2019, 1530-1533
4. V. Mureșan, C. Varodi, M-L. Ungureșan, **J-Zs. Szücs-Balázs**, *Temperature influence over the absorption process of CO_2 in octane*, RO-LCG 2015, Cluj-Napoca, România
3. **J-Zs. Szücs-Balázs**, M. Coroș, A. Woiczehowski-Pop, G. Blăniță, M. Vlassa, *Supported $\text{H}_4\text{SiW}_{12}\text{O}_{40}$ Catalysts for α -Pinene Isomerization*, Cent. Eur. J. Chem., 10(4), 2012, 1208-1217
2. **J-Zs. Szücs-Balázs**, M. Coroș, D. Molnar, M. Vlassa, *Microwave-assisted α -pinene acidic catalytic isomerisation*, Rev. Roum. Chim., 57(2), 2012, 209-213
1. L. Kékedy-Nagy, **J-Zs. Szücs-Balázs**, *Determination of cadmium in environmental samples using the methane-air flame atomic absorption spectrometry*, Studia Chemia, 2, 2007

Participări la conferințe

7. **J-ZS. Szücs-Balázs**, Ș. Bugeac, C. Varodi, C. Lar, M. Gligan, *Experimental plant for carbon isotopes separation by carbon monoxide cryogenic distillation*, New Cryogenic and Isotope Technologies for Energy and Environment, 2018, Băile Govora, România
6. **J-ZS. Szücs-Balázs**, C. Varodi, Ș. Bugeac, M. Gligan, A. Bâldea, *Optimum design of multi-stage isotope separation cascades for carbon isotope separation*, Progress in Cryogenics and Isotopes Separation, 2016, Vâlcea, România
5. M. Gligan, V. Mureșan, M-L. Ungureșan, C. Varodi, **J-Zs. Szücs-Balázs**, *Modeling and Simulation of the Carbon Dioxide Absorption Process in Octane*, Processes in Isotopes and Molecules, PIM 2015, Cluj-Napoca, România
4. C. Varodi, G. Cristea, M. Gligan, **J-Zs. Szücs-Balázs**, *Determination of ^{15}N abundances by using ISOPRIME 100 mass spectrometer*, Processes in Isotopes and Molecules, PIM 2015, Cluj-Napoca, România
3. **J-Zs. Szücs-Balázs**, C. Varodi, Ș. Bugeac, M. Gligan, I. Hodor, *Determination of CO_2 solubility in some secondary amine - non-aqueous solvent mixtures used in carbon isotope separation*, Progress in Cryogenics and Isotopes Separation, 2014, Vâlcea, România
2. C. Varodi, **J-Zs. Szücs-Balázs**, Ș. Bugeac, M. Gligan, I. Hodor, *Determination of CO_2 solubility in some solvents with potential application in the carbon isotope separation*, Processes in Isotopes and Molecules, PIM 2013, Cluj-Napoca, România
1. **J-Zs. Szücs-Balázs**, M. Coroș, G. Blăniță, *Supported heteropolyacid catalysts for α -pinene isomerization*, International Symposium of The Romanian Catalysis Society - RomCat 2013, Cluj-Napoca, România