

Somayeh Tourani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Molecular Simulation Study of the Adsorption and Diffusion Properties of Terephthalic Acid in Various Metal Organic Frameworks. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1643-1652.	1.9	11
2	Removal of terephthalic acid from aqueous solution using metal-organic frameworks; A molecular simulation study. Journal of Solid State Chemistry, 2020, 282, 121059.	1.4	5
3	Simulation of Methanol Carbonylation Reactor in Acetic Acid Production Plant: Selection of an Appropriate Correlation for Mass Transfer Coefficients. International Journal of Chemical Reactor Engineering, 2019, 17, .	0.6	1
4	Synthesis of Highly Dispersed Nanosized NiO/MgO-Al ₂ O ₃ Catalyst for the Production of Synthetic Natural Gas with Enhanced Activity and Resistance to Coke Formation. Industrial & Engineering Chemistry Research, 2018, 57, 12700-12714.	1.8	12
5	Hydrogenation of crude terephthalic acid by supported Pd and Pd-Sn catalysts on functionalized multiwall carbon nanotubes. Chemical Engineering Research and Design, 2016, 109, 41-52.	2.7	9
6	Modified Magnetite Nanoparticles for Hexavalent Chromium Removal from Water. Journal of Dispersion Science and Technology, 2016, 37, 1303-1314.	1.3	26
7	Hydro-purification of crude terephthalic acid using palladium catalyst supported on multi-wall carbon nanotubes. Journal of Industrial and Engineering Chemistry, 2015, 28, 202-210.	2.9	15
8	Synthesis of Reduced Graphene Oxide-Carbon Nanotubes (rGO-CNT) Composite and Its Use As a Novel Catalyst Support for Hydro-Purification of Crude Terephthalic Acid. Industrial & Engineering Chemistry Research, 2015, 54, 7591-7603.	1.8	34
9	Prediction of Henry's constant in polymer solutions using PCOR equation of state coupled with an activity coefficient model. Chinese Journal of Chemical Engineering, 2015, 23, 528-535.	1.7	1
10	Equilibrium modeling of xylene adsorption on molecular sieves. Fluid Phase Equilibria, 2010, 298, 54-59.	1.4	9
11	Adsorption of heavy metal ions from aqueous solutions using metal organic frameworks: kinetic and thermodynamic study. , 0, 162, 193-206.		2
12	Synthesis of MIL-101(Cr)/Sulfasalazine (Cr-TA@SSZ) hybrid and its use as a novel adsorbent for adsorptive removal of organic pollutants from wastewaters. Journal of Porous Materials, 0, , .	1.3	4