

Somayeh Tourani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 7591-7603.	1.8	34
2	Modified Magnetite Nanoparticles for Hexavalent Chromium Removal from Water. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 1303-1314.	1.3	26
3	Hydro-purification of crude terephthalic acid using palladium catalyst supported on multi-wall carbon nanotubes. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 28, 202-210.	2.9	15
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. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12700-12714.	1.8	12
5	Molecular Simulation Study of the Adsorption and Diffusion Properties of Terephthalic Acid in Various Metal Organic Frameworks. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1643-1652.	1.9	11
6	Equilibrium modeling of xylene adsorption on molecular sieves. <i>Fluid Phase Equilibria</i> , 2010, 298, 54-59.	1.4	9
7	Hydrogenation of crude terephthalic acid by supported Pd and Pd-Sn catalysts on functionalized multiwall carbon nanotubes. <i>Chemical Engineering Research and Design</i> , 2016, 109, 41-52.	2.7	9
8	Removal of terephthalic acid from aqueous solution using metal-organic frameworks; A molecular simulation study. <i>Journal of Solid State Chemistry</i> , 2020, 282, 121059.	1.4	5
9	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. <i>Journal of Porous Materials</i> , 0, , .	1.3	4
10	Adsorption of heavy metal ions from aqueous solutions using metal organic frameworks: kinetic and thermodynamic study. , 0, 162, 193-206.		2
11	Prediction of Henry's constant in polymer solutions using PCOR equation of state coupled with an activity coefficient model. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 528-535.	1.7	1
12	Simulation of Methanol Carbonylation Reactor in Acetic Acid Production Plant: Selection of an Appropriate Correlation for Mass Transfer Coefficients. <i>International Journal of Chemical Reactor Engineering</i> , 2019, 17, .	0.6	1