

Mojtaba Shariaty-Niassar

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Characterization of Polyvinylidene Fluoride/Graphene Superhydrophobic Fibrous Films. <i>Polymers</i> , 2015, 7, 1444-1463.	4.5	114
2	A comparison between blending and surface deposition methods for the preparation of iron oxide/polysulfone nanocomposite membranes. <i>Desalination</i> , 2014, 354, 125-142.	8.2	52
3	Air gap membrane distillation for enrichment of H ₂ ¹⁸ O isotopomers in natural water using poly(vinylidene fluoride) nanofibrous membrane. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 100, 26-36.	3.6	47
4	Janus graphene oxide nanosheet: A promising additive for enhancement of polymeric membranes performance prepared via phase inversion. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 10-24.	9.4	46
5	Preparation of chitosan/cellulose acetate composite nanofiltration membrane for wastewater treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 14453-14460.	1.0	37
6	Experimental investigation of nanofibrous poly(vinylidene fluoride) membranes for desalination through air gap membrane distillation process. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2953-2960.	2.7	36
7	Synthesis, Characterization, and Application of Partially Blocked Amine-Functionalized Magnetic Nanoparticles. <i>Langmuir</i> , 2017, 33, 14728-14737.	3.5	24
8	Effect of CVD graphene on hydrate formation of natural gas. <i>Journal of Nanostructure in Chemistry</i> , 2015, 5, 219-226.	9.1	21
9	The effect of superhydrophobicity of prickly shape carbonyl iron particles on the oil-water adsorption. <i>Ceramics International</i> , 2021, 47, 28400-28410.	4.8	19
10	Fabrication of magnetic nanocomposite membrane for separation of organic contaminant from water. <i>Desalination and Water Treatment</i> , 2015, 54, 3603-3609.	1.0	17
11	Experimental and numerical evaluation of membrane distillation module for oxygen-18 separation. <i>Chemical Engineering Research and Design</i> , 2018, 132, 492-504.	5.6	10
12	The Effect of Module Geometry on Heat and Mass Transfer in Membrane Distillation. <i>Chemical Product and Process Modeling</i> , 2016, 11, 35-39.	0.9	9
13	The optimization effect of different parameters on the super hydrophobicity of prickly-shaped carbonyl iron particles. <i>RSC Advances</i> , 2022, 12, 12760-12772.	3.6	9
14	Molecular dynamics simulation of carbon molecular sieve preparation for air separation. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 494-500.	2.7	5
15	Synthesis and Preparation of Mono-Layer h-BN Nanopowders by Using a Combination of CVD Method with Isopropanol-Assisted Exfoliation Process. <i>Powder Metallurgy and Metal Ceramics</i> , 2017, 55, 530-540.	0.8	2
16	Vapor-Liquid Equilibria of Acetone-Methanol-Methyl Methacrylate Ternary System.. <i>Journal of Chemical Engineering of Japan</i> , 2000, 33, 312-317.	0.6	1