

Parviz Darvishi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

337
citations

1040056

9
h-index

888059

17
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all docs

19
docs citations

19
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of Olefin plant spent caustic by combination of Fenton-like and foam fractionation methods in a bench scale. <i>Environmental Science and Pollution Research</i> , 2022, 29, 52438-52456.	5.3	1
2	A comparative study for evaluating the performance of five coatings applied on Fe ₃ O ₄ nanoparticles for inhibition of asphaltene precipitation from crude oil. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1616-1632.	2.4	20
3	Synthesis and characterization of NaP zeolite nanocrystals using [C12mim][Cl] ionic liquid. <i>Chemical Papers</i> , 2020, 74, 2163-2174.	2.2	5
4	Enhancing natural gas dehydration performance using electrospun nanofibrous sol-gel coated mixed matrix membranes. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 914-928.	2.7	8
5	A modified non-equilibrium lattice fluid model based on corrected fractional free volume of polymers for gas solubility prediction. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 2047-2059.	2.7	4
6	Investigating the structural effect of electrospun nano-fibrous polymeric films on water vapor transmission. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 100-109.	3.5	7
7	A thermodynamic approach for correlating the solubility of drug compounds in supercritical CO ₂ based on Peng-Robinson and Soave-Redlich-Kwong equations of state coupled with van der Waals mixing rules. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 1169-1182.	0.8	3
8	Enhancing of asphaltene adsorption onto Fe ₃ O ₄ nanoparticles coated with metal-organic framework Mil-101 (Cr) for the inhibition of asphaltene precipitation. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 452-459.	2.4	16
9	Adsorption of asphaltene from crude oil by applying polythiophene coating on Fe ₃ O ₄ nanoparticles. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 578-588.	2.4	35
10	A comparative study to evaluate the performance of coated Fe ₃ O ₄ nanoparticles for adsorption of asphaltene from crude oil in bench scale. <i>Journal of Dispersion Science and Technology</i> , 2018, 39, 711-720.	2.4	18
11	Experimental and theoretical study of CO ₂ solubility under high pressure conditions in the ionic liquid 1-ethyl-3-methylimidazolium acetate. <i>Journal of Supercritical Fluids</i> , 2018, 133, 195-210.	3.2	14
12	Incorporation of Functionalized Silica Nanoparticles into Polymeric Films for Enhancement of Water Absorption and Water Vapor Transition. <i>Fibers and Polymers</i> , 2018, 19, 2066-2079.	2.1	5
13	Biosurfactant production for enhancing the treatment of produced water and bioremediation of oily sludge under the conditions of Gachsaran oil field. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1053-1064.	3.2	20
14	Thermophysical properties and CO ₂ absorption studies of the amine functionalized [Amim][Tf 2 N] and the non-functionalized counterpart [bmim][Tf 2 N] ionic liquids. <i>International Journal of Greenhouse Gas Control</i> , 2016, 53, 328-337.	4.6	10
15	Biosurfactant production under extreme environmental conditions by an efficient microbial consortium, ERCPPI-2. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 292-300.	5.0	150
16	Biodegradation of heavy crude oil in wastewater by an efficient strain, ERCPPI-1. <i>Desalination and Water Treatment</i> , 2011, 28, 46-54.	1.0	17
17	Investigating the experimental and theoretical treatment of spent caustic effluent from an industrial Olefin plant by combining Fenton-like and foam fractionation methods on the bench scale. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-24.	3.3	2
18	Desulphurisation of liquid fuel using adsorption onto bio-based activated carbon modified with chitosan and Fe ions. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-24.	3.3	1