

Arsalan Parvareh

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

263
citations

1163117

8
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and CFD investigation on mixing by a jet in a semi-industrial stirred tank. <i>Chemical Engineering Journal</i> , 2005, 115, 85-92.	12.7	56
2	CFD and ERT investigations on two-phase flow regimes in vertical and horizontal tubes. <i>International Communications in Heat and Mass Transfer</i> , 2010, 37, 304-311.	5.6	50
3	CFD study on mixing by coupled jet-impeller mixers in a large crude oil storage tank. <i>Computers and Chemical Engineering</i> , 2007, 31, 737-744.	3.8	27
4	Performance of ceria/iron oxide nano-composites based on chitosan as an effective adsorbent for removal of Cr(VI) and Co(II) ions from aqueous systems. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27059-27073.	5.3	22
5	Numerical simulation of heat transfer coefficient around different immersed bodies in a fluidized bed containing Geldart B particles. <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 353-366.	4.8	16
6	Experimental and CFD Study on the Role of Fluid Flow Pattern on Membrane Permeate Flux. <i>Chinese Journal of Chemical Engineering</i> , 2011, 19, 18-25.	3.5	15
7	Residence time distribution in an internal loop airlift reactor: CFD simulation versus digital image processing measurement. <i>Computers and Fluids</i> , 2018, 167, 221-228.	2.5	15
8	Stimulation of magnetic nanoparticles to intensify transesterification of soybean oil in micromixers for biodiesel production. <i>Chemical Engineering and Processing: Process Intensification</i> , 2017, 122, 109-121.	3.6	14
9	Adsorption of Pb(II), Cu(II) and Ni(II) ions from aqueous solutions by functionalised henna powder (<i>Lawsonia Inermis</i>); isotherm, kinetic and thermodynamic studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1-22.	3.3	13
10	Synthesis and characterization of \hat{I}^3 -MnO ₂ /chitosan/Fe ₃ O ₄ cross-linked with EDTA and the study of its efficiency for the elimination of zinc(II) and lead(II) from wastewater. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9235-9254.	5.3	9
11	Experimental study of the formation of natural gas hydrates in the presence of NaCl and KCl. <i>Petroleum Science and Technology</i> , 2019, 37, 1924-1930.	1.5	8
12	Optimization of removal of lead and cadmium from industrial wastewater by ethylenediamine-modified single-walled carbon nanotubes. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 2747-2760.	3.5	7
13	Experimental and CFD study on the effect of jet position on reactant dispersion performance. <i>International Communications in Heat and Mass Transfer</i> , 2009, 36, 1096-1102.	5.6	4
14	Study on thermal and mechanical behaviors of polypropylene grade 552R/Cloisite 15A nanocomposites suitable for yarn applications. <i>Polymers and Polymer Composites</i> , 2021, 29, S325-S334.	1.9	2
15	Adsorption optimization of Cr(VI) and Co(II) onto the synthesized chitosan/cerium oxide/iron oxide nano-composite in water system using RSM according to CCD method. , 0, 143, 240-255.		2
16	Laboratory-scale study of mercaptan removal from LPG in the presence of passive mixing tools. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 3199-3208.	3.5	1
17	Synthesis of functionalized nanotube-C60 hybrid and its effect in the adsorption of Cu(II), Pb(II), Ni(II) from aqueous solutions. , 0, 135, 221-235.		1
18	Adsorption of Pb(II), Cu(II) and Ni(II) ions on functionalized carbon nanotube-C60 hybrid: adsorption process, isotherm, thermodynamic and kinetic studies. , 0, 152, 283-298.		1