Dariush Jafari

List of Publications by Year
in descending order

21	393	933447	794594
papers	citations	10	19
		h-index	g-index

21	21	21	343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of MEUF process performance using artificial neural networks and ANFIS approaches. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 558-565.	5.3	55
2	Assessing and optimization of pipeline system performance using intelligent systems. Journal of Natural Gas Science and Engineering, 2014, 18, 64-76.	4.4	55
3	Heavy metal ions (lead, cobalt, and nickel) biosorption from aqueous solution onto activated carbon prepared from Citrus limetta leaves. Carbon Letters, 2020, 30, 683-698.	5.9	45
4	Prediction of temperature performance of a two-phase closed thermosyphon using Artificial Neural Network. Heat and Mass Transfer, 2013, 49, 65-73.	2.1	38
5	Adsorption of Lead and Arsenic Ions from Aqueous Solution by Activated Carbon Prepared from Tamarix Leaves. ChemistrySelect, 2019, 4, 12356-12367.	1.5	32
6	Effect of interfering ions on phosphate removal from aqueous media using magnesium oxide@ferric molybdate nanocomposite. Korean Journal of Chemical Engineering, 2020, 37, 804-814.	2.7	28
7	Gas-Antisolvent (GAS) Crystallization of Aspirin Using Supercritical Carbon Dioxide: Experimental Study and Characterization. Industrial & Engineering Chemistry Research, 2015, 54, 3685-3696.	3.7	27
8	Adsorption of formaldehyde from aqueous solution using activated carbon prepared from <i>Hibiscus rosa-sinensis</i>. International Journal of Environmental Analytical Chemistry, 2022, 102, 2979-3001.	3.3	24
9	Highly efficient removal of toxic ions by the activated carbon derived from Citrus limonÂtree leaves. Carbon Letters, 2021, 31, 509-521.	5.9	19
10	Adsorption of Nickel(II) Ions from Synthetic Wastewater Using Activated Carbon Prepared from Mespilus germanica Leaf. Arabian Journal for Science and Engineering, 2022, 47, 6155-6166.	3.0	14
11	Prediction of thiophene removal from diesel using [BMIM][AlCl4] in EDS Process: GA-ANFIS and PSO-ANFIS modeling. Petroleum Science and Technology, 2018, 36, 1305-1311.	1.5	10
12	Biodiesel production from beef tallow using the barium oxide catalyst. Reaction Kinetics, Mechanisms and Catalysis, 2019, 128, 723-738.	1.7	9
13	Study on a new adsorbent for biosorption of cadmium ion from aqueous solution by activated carbon prepared from Ricinus communis. , 0, 191, 140-152.		9
14	Heterogeneous aluminum oxide/calcium oxide catalyzed transesterification of <scp><i>Mespilus germanica</i></scp> triglyceride for biodiesel production. Environmental Progress and Sustainable Energy, 2022, 41, e13738.	2.3	6
15	A kinetic modeling of particle formation by gas antisolvent process: Precipitation of aspirin. Journal of Dispersion Science and Technology, 2017, 38, 677-685.	2.4	5
16	Simulation of mercury bioremediation from aqueous solutions using artificial neural network, adaptive neuro-fuzzy inference system, and response surface methodology. Desalination and Water Treatment, 2015, 55, 1467-1479.	1.0	4
17	Optimization of temperature and molar flow ratios of triglyceride/alcohol in biodiesel production in a batch reactor. Biofuels, 2020, 11, 261-267.	2.4	4
18	Prediction of a wellhead separator efficiency and risk assessment in a gas condensate reservoir. Chemometrics and Intelligent Laboratory Systems, 2020, 204, 104084.	3.5	3

#	Article	IF	Citations
19	Biosorption of arsenic ions from the aqueous solutions using Chlorella vulgaris microalgae. , 0, 165, 188-196.		3
20	Experimental Study on Heat Insulation Performance of Ceramic Additives Paint (CAP) in an Indoor Closed Media. Silicon, 2018, 10, 2341-2351.	3.3	2
21	Prediction of Photocatalytic Activity of TiO2 Thin Films Doped by SiO2 using Artificial Neural Network and Fuzzy Model Approach. Recent Innovations in Chemical Engineering, 2017, 10, .	0.4	1