

Jafar Sasanipour

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

264
citations

1040056

9
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Group contribution methods for estimating CO ₂ absorption capacities of imidazolium and ammonium-based polyionic liquids. <i>Journal of Cleaner Production</i> , 2018, 203, 601-618.	9.3	40
2	ANFIS modeling of rhamnolipid breakthrough curves on activated carbon. <i>Chemical Engineering Research and Design</i> , 2017, 126, 67-75.	5.6	36
3	Towards experimental and modeling study of heat transfer performance of water- SiO ₂ nanofluid in quadrangular cross-section channels. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2019, 13, 453-469.	3.1	31
4	A new chemical structure-based model to estimate solid compound solubility in supercritical CO ₂ . <i>Journal of CO₂ Utilization</i> , 2018, 26, 262-270.	6.8	24
5	On the prediction of critical micelle concentration for sugar-based non-ionic surfactants. <i>Chemistry and Physics of Lipids</i> , 2018, 214, 46-57.	3.2	23
6	Modeling of wax deposition produced in the pipelines using PSO-ANFIS approach. <i>Petroleum Science and Technology</i> , 2017, 35, 1974-1981.	1.5	20
7	Sulfur dioxide solubility prediction in ionic liquids by a group contribution LSSVM model. <i>Chemical Engineering Research and Design</i> , 2019, 142, 44-52.	5.6	17
8	Radial basis function artificial neural network model to estimate higher heating value of solid wastes. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1778-1784.	2.3	16
9	Estimating solubility of supercritical H ₂ S in ionic liquids through a hybrid LSSVM chemical structure model. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 620-627.	3.5	15
10	Dibenzothiophene removal from model fuel using an acid treated activated carbon. <i>Petroleum Science and Technology</i> , 2017, 35, 2066-2073.	1.5	10
11	Evolving ANFIS model to estimate sweet natural gas water content. <i>Petroleum Science and Technology</i> , 2017, 35, 1807-1813.	1.5	8
12	Estimating water content of natural gas: A radial basis function neural network method. <i>Petroleum Science and Technology</i> , 2017, 35, 1852-1858.	1.5	6
13	Estimation of wax deposition in the oil production units using RBF-ANN strategy. <i>Petroleum Science and Technology</i> , 2017, 35, 1737-1742.	1.5	5
14	Estimating phase behavior of the asphaltene precipitation by GA-ANFIS approach. <i>Petroleum Science and Technology</i> , 2018, 36, 1582-1588.	1.5	5
15	Towards ANFIS-PSO strategy for estimating viscosity of ternary mixtures containing ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 298, 111802.	4.9	4
16	Modeling of the density of mixtures of Athabasca bitumen and a high boiling n-alkane. <i>Petroleum Science and Technology</i> , 2017, 35, 594-600.	1.5	4