Ali Hedayati

List of Publications by Year
in descending order

12 papers	268 citations	1040056 9 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	285 citing authors

#	Article	IF	Citations
1	CO2-binding organic liquids for high pressure CO2 absorption: Statistical mixture design approach and thermodynamic modeling of CO2 solubility using LJ-Global TPT2 EoS. Journal of Molecular Liquids, 2021, 337, 116396.	4.9	13
2	CO_2-Binding Organic Liquids Comprised of 1,1,3,3-Tetramethylguanidine and Alkanol for Postcombustion CO_2 Capture: Water Inhibitory Effect of Amine Promoters. ACS Sustainable Chemistry and Engineering, 2020, 8, 7909-7920.	6.7	23
3	Towards water-insensitive CO2-binding organic liquids for CO2 absorption: Effect of amines as promoter. Journal of Molecular Liquids, 2020, 306, 112938.	4.9	15
4	Supercritical CO2 extraction of chlorogenic acid from sunflower (Helianthus annuus) seed kernels: modeling and optimization by response surface methodology. Journal of Supercritical Fluids, 2019, 144, 19-27.	3.2	35
5	Optimization of supercritical extraction of galegine from Galega officinalis L.: Neural network modeling and experimental optimization via response surface methodology. Korean Journal of Chemical Engineering, 2017, 34, 854-865.	2.7	12
6	Experimental investigation and optimization of supercritical carbon dioxide extraction of toxic heavy metals from solid waste using different modifiers and chelating agents. Journal of Supercritical Fluids, 2016, 117, 131-137.	3.2	25
7	Optimization of periodic static-dynamic supercritical CO 2 extraction of taxifolin from pinus nigra bark with ethanol as entrainer. Journal of Supercritical Fluids, 2016, 113, 53-60.	3.2	28
8	Micronization of chitosan via rapid expansion of supercritical solution. Journal of Supercritical Fluids, 2016, 111, 162-170.	3.2	28
9	Artificial Neural Network and Adaptive Neuro-Fuzzy Interface System Modeling of Supercritical CO2 Extraction of Glycyrrhizic Acid from Glycyrrhiza glabra L. Chemical Product and Process Modeling, 2016, 11, 217-230.	0.9	9
10	Quercetin extraction from Rosa damascena Mill via supercritical CO2: Neural network and adaptive neuro fuzzy interface system modeling and response surface optimization. Journal of Supercritical Fluids, 2016, 112, 57-66.	3.2	29
11	Supercritical carbon dioxide extraction of glycyrrhizic acid from licorice plant root using binary entrainer: Experimental optimization via response surface methodology. Journal of Supercritical Fluids, 2015, 100, 209-217.	3.2	44
12	Modeling of Non-catalytic Supercritical Water Oxidation of Phenol. Chemical Product and Process Modeling, 2015, 10, 243-251.	0.9	7