

Ali Hedayati

List of Publications by Year in descending order

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papers

268
citations

1040056

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