

Seyyed Mohammad Ghoreishi

List of Publications by Year in descending order

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51
papers

1,269
citations

304743

22
h-index

395702

33
g-index

51
all docs

51
docs citations

51
times ranked

1426
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel magnetic chitosan/clinoptilolite/magnetite nanocomposite for highly efficient removal of Pb(II) ions from aqueous solution. Powder Technology, 2016, 302, 372-383.	4.2	92
2	Extraction of Epigallocatechin-3-gallate from green tea via supercritical fluid technology: Neural network modeling and response surface optimization. Journal of Supercritical Fluids, 2013, 74, 128-136.	3.2	84
3	Innovative strategies for engineering mannitol production. Trends in Food Science and Technology, 2009, 20, 263-270.	15.1	61
4	Electrospinning of PVA-carboxymethyl cellulose nanofibers for flufenamic acid drug delivery. International Journal of Biological Macromolecules, 2020, 163, 1780-1786.	7.5	48
5	Application of response surface methodology for optimization of lead removal from an aqueous solution by a novel superparamagnetic nanocomposite. Adsorption Science and Technology, 2017, 35, 241-260.	3.2	46
6	Supercritical extraction of hexachlorobenzene from soil. Industrial & Engineering Chemistry Research, 1992, 31, 333-339.	3.7	44
7	Effect of promoter in the oxidative coupling of methane over synthesized Mn/SiO ₂ nanocatalysts via incipient wetness impregnation. Journal of Industrial and Engineering Chemistry, 2010, 16, 923-928.	5.8	44
8	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
9	Synthesis of 5-Fluorouracil nanoparticles via supercritical gas antisolvent process. Journal of Supercritical Fluids, 2013, 84, 205-210.	3.2	42
10	Ampicillin Nanoparticles Production via Supercritical CO ₂ Gas Antisolvent Process. AAPS PharmSciTech, 2015, 16, 1263-1269.	3.3	40
11	Supercritical CO ₂ extraction of chlorogenic acid from sunflower (<i>Helianthus annuus</i>) seed kernels: modeling and optimization by response surface methodology. Journal of Supercritical Fluids, 2019, 144, 19-27.	3.2	35
12	Optimization of Supercritical Extraction of Linalyl Acetate from Lavender via Box-Behnken Design. Chemical Engineering and Technology, 2012, 35, 1641-1648.	1.5	32
13	Green synthesis of CoFe ₂ O ₄ nanoparticles using olive leaf extract and characterization of their magnetic properties. Ceramics International, 2021, 47, 19198-19204.	4.8	32
14	Supercritical extraction of evening primrose oil: Experimental optimization via response surface methodology. AIChE Journal, 2011, 57, 3378-3384.	3.6	30
15	Prediction of supercritical extraction recovery of EGCG using hybrid of Adaptive Neuro-Fuzzy Inference System and mathematical model. Journal of Supercritical Fluids, 2013, 82, 158-167.	3.2	28
16	Micronization of chitosan via rapid expansion of supercritical solution. Journal of Supercritical Fluids, 2016, 111, 162-170.	3.2	28
17	Supercritical CO ₂ extraction of cinnamaldehyde and eugenol from cinnamon bark: Optimization of operating conditions via response surface methodology. Journal of Supercritical Fluids, 2018, 140, 62-71.	3.2	28
18	Response surface optimization of supercritical CO ₂ extraction of α -tocopherol from gel and skin of Aloe vera and almond leaves. Journal of Supercritical Fluids, 2014, 95, 348-354.	3.2	27

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19	Hydrodesulfurization of dibenzothiophene using CoMo/Al-HMS nanocatalyst synthesized by supercritical deposition. <i>Journal of Supercritical Fluids</i> , 2009, 49, 239-248.	3.2	26
20	Response Surface Optimization of Essential Oil and Diosgenin Extraction from <i>Tribulus terrestris</i> via Supercritical Fluid Technology. <i>Chemical Engineering and Technology</i> , 2012, 35, 133-141.	1.5	25
21	Generation and precipitation of paclitaxel nanoparticles in basil seed mucilage via combination of supercritical gas antisolvent and phase inversion techniques. <i>Journal of Supercritical Fluids</i> , 2014, 94, 182-188.	3.2	25
22	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
23	Matrimid® 5218 based mixed matrix membranes containing metal organic frameworks (MOFs) for helium separation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 148, 107804.	3.6	25
24	Hydrodesulfurization Activity of NiMo/Al-HMS Nanocatalyst Synthesized by Supercritical Impregnation. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 4283-4292.	3.7	23
25	Effect of supercritical deposition synthesis on dibenzothiophene hydrodesulfurization over NiMo/Al ₂ O ₃ nanocatalyst. <i>AIChE Journal</i> , 2009, 55, 2665-2674.	3.6	22
26	Optimization of Synthesis Conditions of Carbon Nanotubes via Ultrasonic-Assisted Floating Catalyst Deposition Using Response Surface Methodology. <i>Nanomaterials</i> , 2018, 8, 316.	4.1	21
27	Supercritical extraction of toxic heavy metals from aqueous waste via Cyanex 301 as chelating agent. <i>Journal of Supercritical Fluids</i> , 2012, 72, 288-297.	3.2	20
28	Optimal thermodynamic conditions for ternary system (CO ₂ , DMSO, ampicillin) in supercritical CO ₂ antisolvent process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 50, 31-36.	5.3	20
29	Kinetics modeling of ampicillin nanoparticles synthesis via supercritical gas antisolvent process. <i>Journal of Supercritical Fluids</i> , 2013, 81, 119-127.	3.2	19
30	Controlled release of protein from magnetite-chitosan nanoparticles exposed to an alternating magnetic field. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	18
31	Response Surface Optimization of Biodiesel Production via Catalytic Transesterification of Fatty Acids. <i>Chemical Engineering and Technology</i> , 2015, 38, 835-834.	1.5	16
32	Preparation of Balangu (<i>Lallemantia royleana</i>) seed mucilage aerogels loaded with paracetamol: Evaluation of drug loading via response surface methodology. <i>Journal of Supercritical Fluids</i> , 2019, 150, 1-10.	3.2	16
33	Experimental optimization of supercritical extraction of β -carotene from <i>Aloe barbadensis</i> Miller via genetic algorithm. <i>Journal of Supercritical Fluids</i> , 2012, 72, 312-319.	3.2	15
34	Kinetic Modeling of the Gas Antisolvent Process for Synthesis of 5-Fluorouracil Nanoparticles. <i>Chemical Engineering and Technology</i> , 2014, 37, 73-80.	1.5	15
35	Polyimide based mixed matrix membranes incorporating Cu-BDC nanosheets for impressive helium separation. <i>Separation and Purification Technology</i> , 2020, 253, 117430.	7.9	15
36	Synthesis of zeolite/magnetite nanocomposite and a fast experimental determination of its specific surface area. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2017, 53, 693-702.	1.1	14

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37	Intensification of helium separation from CH ₄ and N ₂ by size-reduced Cu-BTC particles in Matrimid matrix. Separation and Purification Technology, 2020, 251, 117317.	7.9	14
38	Electrospinning of Cross-Linked Magnetic Chitosan Nanofibers for Protein Release. AAPS PharmSciTech, 2015, 16, 1480-1486.	3.3	13
39	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
40	A Combined Chemical Reduction and Biological Oxidation Process for the Treatment of Textile Wastewater. Water Quality Research Journal of Canada, 2001, 36, 605-617.	2.7	11
41	Experimental extraction of L-Carnitine from oyster mushroom with supercritical carbon dioxide and methanol as co-solvent: Modeling and optimization. Journal of Supercritical Fluids, 2018, 140, 207-217.	3.2	10
42	Mathematical Modeling of Batch Adsorption Kinetics of Lead Ions on Modified Natural Zeolite from Aqueous Media. Theoretical Foundations of Chemical Engineering, 2019, 53, 1057-1066.	0.7	10
43	Supercritical CO ₂ Generation of Nanometric Structure from Ocimum basilicum Mucilage Prepared for Pharmaceutical Applications. AAPS PharmSciTech, 2015, 16, 428-434.	3.3	9
44	Artificial Neural Network and Adaptive Neuro-Fuzzy Interface System Modeling of Supercritical CO ₂ Extraction of Glycyrrhizic Acid from Glycyrrhiza glabra L. Chemical Product and Process Modeling, 2016, 11, 217-230.	0.9	9
45	Modified Supercritical Carbon Dioxide Extraction of Biologically Active Compounds from <i>Feijoa Sellowiana</i> Leaves. International Journal of Food Engineering, 2019, 15, .	1.5	9
46	Supercritical extraction of essential oil from Echium amoenum seed : Experimental, modeling and genetic algorithm parameter estimation. Korean Journal of Chemical Engineering, 2014, 31, 1632-1640.	2.7	8
47	Modeling of Non-catalytic Supercritical Water Oxidation of Phenol. Chemical Product and Process Modeling, 2015, 10, 243-251.	0.9	7
48	Kinetic Study for Platinum Extraction from Spent Catalyst in Cyanide Solution at High Temperatures. International Journal of Chemical Reactor Engineering, 2016, 14, 143-154.	1.1	7
49	Experimental characterization of a random packing with high specific surface area in a small diameter cryogenic distillation column. Progress in Nuclear Energy, 2018, 106, 417-424.	2.9	3
50	Nanoparticles synthesis of tungsten disulfide via AOT-based microemulsions. Materials Research Bulletin, 2012, 47, 1438-1441.	5.2	2
51	Electrospun chitosan nanofibers for tissue engineering. , 2014, , .		0