

# Seyyed Mohammad Ghoreishi

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Green synthesis of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles using olive leaf extract and characterization of their magnetic properties. <i>Ceramics International</i> , 2021, 47, 19198-19204.	4.8	32
2	Electrospinning of PVA-carboxymethyl cellulose nanofibers for flufenamic acid drug delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1780-1786.	7.5	48
3	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
4	Intensification of helium separation from CH <sub>4</sub> and N <sub>2</sub> by size-reduced Cu-BTC particles in Matrimid matrix. <i>Separation and Purification Technology</i> , 2020, 251, 117317.	7.9	14
5	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
6	Modified Supercritical Carbon Dioxide Extraction of Biologically Active Compounds from <i>Feijoa Sellowiana</i> Leaves. <i>International Journal of Food Engineering</i> , 2019, 15, .	1.5	9
7	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
8	Mathematical Modeling of Batch Adsorption Kinetics of Lead Ions on Modified Natural Zeolite from Aqueous Media. <i>Theoretical Foundations of Chemical Engineering</i> , 2019, 53, 1057-1066.	0.7	10
9	Supercritical CO <sub>2</sub> 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
10	Experimental extraction of L-Carnitine from oyster mushroom with supercritical carbon dioxide and methanol as co-solvent: Modeling and optimization. <i>Journal of Supercritical Fluids</i> , 2018, 140, 207-217.	3.2	10
11	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
12	Experimental characterization of a random packing with high specific surface area in a small diameter cryogenic distillation column. <i>Progress in Nuclear Energy</i> , 2018, 106, 417-424.	2.9	3
13	Supercritical CO <sub>2</sub> extraction of cinnamaldehyde and eugenol from cinnamon bark: Optimization of operating conditions via response surface methodology. <i>Journal of Supercritical Fluids</i> , 2018, 140, 62-71.	3.2	28
14	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
15	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
16	Application of response surface methodology for optimization of lead removal from an aqueous solution by a novel superparamagnetic nanocomposite. <i>Adsorption Science and Technology</i> , 2017, 35, 241-260.	3.2	46
17	A novel magnetic chitosan/clinoptilolite/magnetite nanocomposite for highly efficient removal of Pb(II) ions from aqueous solution. <i>Powder Technology</i> , 2016, 302, 372-383.	4.2	92
18	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

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19	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
20	Kinetic Study for Platinum Extraction from Spent Catalyst in Cyanide Solution at High Temperatures. <i>International Journal of Chemical Reactor Engineering</i> , 2016, 14, 143-154.	1.1	7
21	Micronization of chitosan via rapid expansion of supercritical solution. <i>Journal of Supercritical Fluids</i> , 2016, 111, 162-170.	3.2	28
22	Artificial Neural Network and Adaptive Neuro-Fuzzy Interface System Modeling of Supercritical CO <sub>2</sub> Extraction of Glycyrrhizic Acid from <i>Glycyrrhiza glabra</i> L. <i>Chemical Product and Process Modeling</i> , 2016, 11, 217-230.	0.9	9
23	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
24	Optimal thermodynamic conditions for ternary system (CO <sub>2</sub> , DMSO, ampicillin) in supercritical CO <sub>2</sub> antisolvent process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 50, 31-36.	5.3	20
25	Supercritical CO <sub>2</sub> Generation of Nanometric Structure from <i>Ocimum basilicum</i> Mucilage Prepared for Pharmaceutical Applications. <i>AAPS PharmSciTech</i> , 2015, 16, 428-434.	3.3	9
26	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
27	Ampicillin Nanoparticles Production via Supercritical CO <sub>2</sub> Gas Antisolvent Process. <i>AAPS PharmSciTech</i> , 2015, 16, 1263-1269.	3.3	40
28	Electrospinning of Cross-Linked Magnetic Chitosan Nanofibers for Protein Release. <i>AAPS PharmSciTech</i> , 2015, 16, 1480-1486.	3.3	13
29	Modeling of Non-catalytic Supercritical Water Oxidation of Phenol. <i>Chemical Product and Process Modeling</i> , 2015, 10, 243-251.	0.9	7
30	Electrospun chitosan nanofibers for tissue engineering. , 2014, , .		0
31	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
32	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
33	Supercritical extraction of essential oil from <i>Echium amoenum</i> seed : Experimental, modeling and genetic algorithm parameter estimation. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1632-1640.	2.7	8
34	Response surface optimization of supercritical CO <sub>2</sub> extraction of $\alpha$ -tocopherol from gel and skin of Aloe vera and almond leaves. <i>Journal of Supercritical Fluids</i> , 2014, 95, 348-354.	3.2	27
35	Kinetics modeling of ampicillin nanoparticles synthesis via supercritical gas antisolvent process. <i>Journal of Supercritical Fluids</i> , 2013, 81, 119-127.	3.2	19
36	Prediction of supercritical extraction recovery of EGCG using hybrid of Adaptive Neuro-Fuzzy Inference System and mathematical model. <i>Journal of Supercritical Fluids</i> , 2013, 82, 158-167.	3.2	28

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37	Extraction of Epigallocatechin-3-gallate from green tea via supercritical fluid technology: Neural network modeling and response surface optimization. <i>Journal of Supercritical Fluids</i> , 2013, 74, 128-136.	3.2	84
38	Synthesis of 5-Fluorouracil nanoparticles via supercritical gas antisolvent process. <i>Journal of Supercritical Fluids</i> , 2013, 84, 205-210.	3.2	42
39	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
40	Experimental optimization of supercritical extraction of $\beta$ -carotene from <i>Aloe barbadensis</i> Miller via genetic algorithm. <i>Journal of Supercritical Fluids</i> , 2012, 72, 312-319.	3.2	15
41	Optimization of Supercritical Extraction of Linalyl Acetate from Lavender via Box-Behnken Design. <i>Chemical Engineering and Technology</i> , 2012, 35, 1641-1648.	1.5	32
42	Nanoparticles synthesis of tungsten disulfide via AOT-based microemulsions. <i>Materials Research Bulletin</i> , 2012, 47, 1438-1441.	5.2	2
43	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
44	Supercritical extraction of evening primrose oil: Experimental optimization via response surface methodology. <i>AIChE Journal</i> , 2011, 57, 3378-3384.	3.6	30
45	Effect of promoter in the oxidative coupling of methane over synthesized Mn/SiO <sub>2</sub> nanocatalysts via incipient wetness impregnation. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 923-928.	5.8	44
46	Effect of supercritical deposition synthesis on dibenzothiophene hydrodesulfurization over NiMo/Al <sub>2</sub> O <sub>3</sub> nanocatalyst. <i>AIChE Journal</i> , 2009, 55, 2665-2674.	3.6	22
47	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
48	Hydrodesulfurization Activity of NiMo/Al-HMS Nanocatalyst Synthesized by Supercritical Impregnation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 4283-4292.	3.7	23
49	Innovative strategies for engineering mannitol production. <i>Trends in Food Science and Technology</i> , 2009, 20, 263-270.	15.1	61
50	A Combined Chemical Reduction and Biological Oxidation Process for the Treatment of Textile Wastewater. <i>Water Quality Research Journal of Canada</i> , 2001, 36, 605-617.	2.7	11
51	Supercritical extraction of hexachlorobenzene from soil. <i>Industrial &amp; Engineering Chemistry Research</i> , 1992, 31, 333-339.	3.7	44