

# Mohammad Hossein Salmani

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

568  
citations

623734

14  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient heterogeneous solid acid catalyst derived from sewage sludge for the catalytic transformation of sludge into biodiesel: Preparation, characterization, and arylation process modeling. <i>Journal of Cleaner Production</i> , 2022, 355, 131809.	9.3	6
2	Fabrication of ZnO/y-FeOOH nanoparticles embedded on the polyethylene terephthalate membrane: Evaluation of antifouling behavior and COD removal. <i>Environmental Science and Pollution Research</i> , 2022, 29, 67014-67025.	5.3	2
3	Dielectric barrier discharge plasma with photocatalysts as a hybrid emerging technology for degradation of synthetic organic compounds in aqueous environments: A critical review. <i>Chemosphere</i> , 2021, 263, 128065.	8.2	44
4	Recovery of intermittent cycle extended aeration system sludge through conversion into biodiesel by in-situ transesterification. <i>Renewable Energy</i> , 2021, 163, 56-65.	8.9	6
5	Simultaneous reduction and adsorption of arsenite anions by green synthesis of iron nanoparticles using pomegranate peel extract. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2021, 19, 603-612.	3.0	12
6	Predicting anionic surfactant toxicity to <i>Daphnia magna</i> in aquatic environment: a green approach for evaluation of EC50 values. <i>Environmental Science and Pollution Research</i> , 2021, 28, 50731-50746.	5.3	8
7	The conversion of poultry slaughterhouse wastewater sludge into biodiesel: Process modeling and optimization. <i>Renewable Energy</i> , 2021, 178, 1236-1249.	8.9	11
8	Application of photoelectro-fenton process modified with porous cathode electrode in removing resistant organic compounds from aquatic solutions: modeling, toxicity and kinetics. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 969-977.	2.7	3
9	Synthesis, characterization and application of mesoporous silica in removal of cobalt ions from contaminated water. <i>Groundwater for Sustainable Development</i> , 2020, 11, 100425.	4.6	13
10	Dielectric barrier discharge plasma combined with nano catalyst for aqueous amoxicillin removal: Performance modeling, kinetics and optimization study, energy yield, degradation pathway, and toxicity. <i>Separation and Purification Technology</i> , 2020, 251, 117270.	7.9	57
11	Integration of photo-oxidation based on UV/Persulfate and adsorption processes for arsenic removal from aqueous solutions. <i>Groundwater for Sustainable Development</i> , 2020, 10, 100338.	4.6	21
12	Monitoring of Essential and Toxic Elements in Leaves, Branches, and Stem of <i>Prosopis cineraria</i> (as) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	2
13	Designing and modeling of a novel electrolysis reactor using porous cathode to produce H <sub>2</sub> O <sub>2</sub> as an oxidant. <i>MethodsX</i> , 2019, 6, 1305-1312.	1.6	1
14	Application of photo-electro oxidation process for amoxicillin removal from aqueous solution: Modeling and toxicity evaluation. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 713-721.	2.7	23
15	Evaluation of heavy metal concentration in imported black tea in Iran and consumer risk assessments. <i>Food Science and Nutrition</i> , 2019, 7, 4021-4026.	3.4	26
16	Synthesis of mesoporous Fe-Mn bimetal oxide nanocomposite by aeration co-precipitation method: Physicochemical, structural, and optical properties. <i>Materials Chemistry and Physics</i> , 2019, 224, 65-72.	4.0	22
17	Enhanced coagulation process by Fe-Mn bimetal nano-oxides in combination with inorganic polymer coagulants for improving As(V) removal from contaminated water. <i>Journal of Cleaner Production</i> , 2019, 208, 384-392.	9.3	47
18	Removal of Cr(VI) oxoanion from contaminated water using granular jujube stems as a porous adsorbent. <i>Groundwater for Sustainable Development</i> , 2019, 8, 319-323.	4.6	16

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19	Arsenic exposure to breast-fed infants: contaminated breastfeeding in the first month of birth. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6680-6684.	5.3	12
20	Optimization and economic evaluation of modified coagulation-flocculation process for enhanced treatment of ceramic-tile industry wastewater. <i>AMB Express</i> , 2018, 8, 172.	3.0	26
21	Efficient photocatalytic oxidation of arsenite from contaminated water by Fe <sub>2</sub> O <sub>3</sub> -Mn <sub>2</sub> O <sub>3</sub> nanocomposite under UVA radiation and process optimization with experimental design. <i>Chemosphere</i> , 2018, 207, 303-312.	8.2	50
22	Improved power density and Cr/Pb removal using ozone in a microbial desalination cell. <i>Environmental Chemistry Letters</i> , 2018, 16, 1477-1485.	16.2	25
23	Evaluation of removal efficiency of residual diclofenac in aqueous solution by nanocomposite tungsten-carbon using design of experiment. <i>Water Science and Technology</i> , 2017, 76, 1466-1473.	2.5	4
24	Ozone-cathode microbial desalination cell; An innovative option to bioelectricity generation and water desalination. <i>Chemosphere</i> , 2017, 188, 470-477.	8.2	36
25	Modification of pomegranate waste with iron ions a green composite for removal of Pb from aqueous solution: equilibrium, thermodynamic and kinetic studies. <i>AMB Express</i> , 2017, 7, 225.	3.0	8
26	Adsorption of Cd ions from aqueous solutions by iron modified pomegranate peel carbons: kinetic and thermodynamic studies. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 2045-2056.	3.5	17
27	The Nickel Concentration in Breast Milk during the First Month of Lactation in Yazd, Center of Iran. <i>Biological Trace Element Research</i> , 2016, 174, 65-70.	3.5	9
28	Removal of cadmium (II) from simulated wastewater by ion flotation technique. <i>Iranian Journal of Environmental Health Science &amp; Engineering</i> , 2013, 10, 16.	1.8	53
29	Comparison between Ag (I) and Ni (II) removal from synthetic nuclear power plant coolant water by iron oxide nanoparticles. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2013, 11, 21.	3.0	8
30	Evaluation of humic acid removal efficiency in aqueous solution by feather protein granule. , 0, 83, 47-55.		0