

Mohammad Rafiee

List of Publications by Year in descending order

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32
papers

1,323
citations

516215

16
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476904

29
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32
docs citations

32
times ranked

1722
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of RSM and ANN for multiple target optimisation in coagulation/precipitation process of contaminated waters: mechanism and theory. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 8519-8537.	1.8	12
2	Nanoplastics-induced oxidative stress, antioxidant defense, and physiological response in exposed Wistar albino rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11332-11344.	2.7	25
3	Association of SARS-CoV-2 presence in sewage with public adherence to precautionary measures and reported COVID-19 prevalence in Tehran. <i>Science of the Total Environment</i> , 2022, 812, 152597.	3.9	11
4	Fate and inhibition of Bis (2-Ethylhexyl) phthalate in biophysical reactors for treating real landfill leachate. <i>Chemical Engineering Research and Design</i> , 2022, 160, 450-464.	2.7	6
5	Sewage Systems Surveillance for SARS-CoV-2: Identification of Knowledge Gaps, Emerging Threats, and Future Research Needs. <i>Pathogens</i> , 2021, 10, 946.	1.2	17
6	Degradation of atenolol by CuFe ₂ O ₄ /visible light/oxidant: Effects of electron acceptors, synergistic effects, degradation pathways, and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113425.	2.0	9
7	Moore swab performs equal to composite and outperforms grab sampling for SARS-CoV-2 monitoring in wastewater. <i>Science of the Total Environment</i> , 2021, 790, 148205.	3.9	42
8	Kinetic study of real landfill leachate treated by non-thermal plasma (NTP) and granular sequential batch reactors (GSBR). <i>Journal of Water Process Engineering</i> , 2021, 43, 102245.	2.6	10
9	The emerging risk of exposure to nano(micro)plastics on endocrine disturbance and reproductive toxicity: From a hypothetical scenario to a global public health challenge. <i>Environmental Pollution</i> , 2020, 261, 114158.	3.7	141
10	A comparative study on the toxicity of nano zero valent iron (nZVI) on aerobic granular sludge and flocculent activated sludge: Reactor performance, microbial behavior, and mechanism of toxicity. <i>Chemical Engineering Research and Design</i> , 2019, 129, 238-248.	2.7	42
11	Degradation and COD removal of trichlorophenol from wastewater using sulfite anion radicals in a photochemical process combined with a biological reactor: Mechanisms, degradation pathway, optimization and energy consumption. <i>Chemical Engineering Research and Design</i> , 2019, 123, 263-271.	2.7	45
12	Thyroid endocrine status and biochemical stress responses in adult male Wistar rats chronically exposed to pristine polystyrene nanoplastics. <i>Toxicology Research</i> , 2019, 8, 953-963.	0.9	44
13	Responses of flocculated activated sludge to bimetallic Ag-Fe nanoparticles toxicity: Performance, activity enzymatic, and bacterial community shift. <i>Journal of Hazardous Materials</i> , 2019, 366, 114-123.	6.5	28
14	Photo-assisted degradation of 2, 4, 6-trichlorophenol by an advanced reduction process based on sulfite anion radical: Degradation, dechlorination and mineralization. <i>Chemosphere</i> , 2018, 191, 156-165.	4.2	83
15	Neurobehavioral assessment of rats exposed to pristine polystyrene nanoplastics upon oral exposure. <i>Chemosphere</i> , 2018, 193, 745-753.	4.2	94
16	Development of Aerobic Granular Sludge for Chemical Industries Wastewater Treatment. <i>Health Scope</i> , 2018, 7, .	0.4	3
17	Comparative treatment of textile wastewater by adsorption, Fenton, UV-Fenton and US-Fenton using magnetic nanoparticles-functionalized carbon (MNPs@C). <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 56, 163-174.	2.9	117
18	Role of CODPCP/CODTotal ratio on p-chlorophenol toxicity towards aerobic granular sludge. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 440-446.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Development of response surface methodology for optimization of phenol and p-chlorophenol adsorption on magnetic recoverable carbon. Microporous and Mesoporous Materials, 2016, 231, 192-206.	2.2	70
20	An innovative drinking water nutritional quality index (DWNQI) for assessing drinking water contribution to intakes of dietary elements: A national and sub-national study in Iran. Ecological Indicators, 2016, 60, 367-376.	2.6	23
21	A modified drinking water quality index (DWQI) for assessing drinking source water quality in rural communities of Khuzestan Province, Iran. Ecological Indicators, 2015, 53, 283-291.	2.6	74
22	Household recycling knowledge, attitudes and practices towards solid waste management. Resources, Conservation and Recycling, 2015, 102, 94-100.	5.3	199
23	Adsorption performance of packed bed column for nitrate removal using PAN-oxime-nano Fe ₂ O ₃ . Journal of Environmental Health Science & Engineering, 2014, 12, 90.	1.4	19
24	Detection and identification of Legionella species in hospital water supplies through Polymerase Chain Reaction (16S rRNA). Journal of Environmental Health Science & Engineering, 2014, 12, 83.	1.4	15
25	Separate and simultaneous removal of phenol, chromium, and cyanide from aqueous solution by coagulation/precipitation: Mechanisms and theory. Chemical Engineering Journal, 2014, 253, 251-257.	6.6	136
26	The Efficacy of Residual Chlorine Content on the Control of Legionella Spp. In Hospital Water Systems. Iranian Journal of Public Health, 2014, 43, 637-44.	0.3	4
27	Sequential study on reactive blue 29 dye removal from aqueous solution by peroxy acid and single wall carbon nanotubes: experiment and theory. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 5.	1.8	12
28	4-Chlorophenol inhibition on flocculent and granular sludge sequencing batch reactors treating synthetic industrial wastewater. Desalination and Water Treatment, 2012, 49, 307-316.	1.0	15
29	Purification and removal of Ascaris and Fasciola hepatica eggs from drinking water using roughing filters. Korean Journal of Chemical Engineering, 2008, 25, 501-504.	1.2	9
30	Heterogeneous sonocatalytic degradation of atenolol using CuFe ₂ O ₄ from aqueous solution: effects of operational parameters, energy consumption and degradation mechanism. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	1.8	5
31	Bis(2-ethylhexyl) phthalate inhibition on aerobic flocculent and granular sludge in the treatment of landfill leachate: a comparative study. Biomass Conversion and Biorefinery, 0, , 1.	2.9	1
32	The formation of aerobic granular sludge for the treatment of real landfill leachate using a granular sequencing batch reactor at a constant volume. Environmental Quality Management, 0, , .	1.0	0