

Mohammad Ali Zazouli

List of Publications by Year in descending order

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52
papers

1,163
citations

393982

19
h-index

395343

33
g-index

53
all docs

53
docs citations

53
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological nitrate removal processes from drinking water supply-a review. Journal of Environmental Health Science & Engineering, 2013, 11, 35.	1.4	119
2	Influences of solution chemistry and polymeric natural organic matter on the removal of aquatic pharmaceutical residuals by nanofiltration. Water Research, 2009, 43, 3270-3280.	5.3	113
3	Removal of precursors and disinfection by-products (DBPs) by membrane filtration from water; a review. Journal of Environmental Health Science & Engineering, 2017, 15, 25.	1.4	83
4	Fouling effects of humic and alginic acids in nanofiltration and influence of solution composition. Desalination, 2010, 250, 688-692.	4.0	82
5	Photocatalytic degradation of food dye by Fe ₃ O ₄ @TiO ₂ nanoparticles in presence of peroxydisulfate: The effect of UV sources. Journal of Environmental Chemical Engineering, 2017, 5, 2459-2468.	3.3	80
6	Adsorption of methylene blue from aqueous solution onto activated carbons developed from eucalyptus bark and Crataegus oxyacantha core. Water Science and Technology, 2016, 74, 2021-2035.	1.2	54
7	Eco-friendly green synthesis of novel magnetic Fe ₃ O ₄ /SiO ₂ /ZnO-Pr ₆ O ₁₁ nanocomposites for photocatalytic degradation of organic pollutant. Journal of Rare Earths, 2020, 38, 13-20.	2.5	49
8	Maturity and Stability Evaluation of Composted Municipal Solid Wastes. Health Scope, 2016, 5, .	0.4	43
9	Eco-friendly green synthesis and characterization of novel Fe ₃ O ₄ /SiO ₂ /Cu ₂ O@Ag nanocomposites using Crataegus pentagyna fruit extract for photocatalytic degradation of organic contaminants. Journal of Materials Science: Materials in Electronics, 2019, 30, 10994-11004.	1.1	39
10	Municipal solid waste landfill leachate treatment by fenton, photo-fenton and fenton-like processes: Effect of some variables. Iranian Journal of Environmental Health Science & Engineering, 2012, 9, 3.	1.8	37
11	Phytodegradation potential of bisphenolA from aqueous solution by Azolla Filiculoides. Journal of Environmental Health Science & Engineering, 2014, 12, 66.	1.4	37
12	Physico-chemical properties and reactive oxygen species generation by respirable coal dust: Implication for human health risk assessment. Journal of Hazardous Materials, 2021, 405, 124185.	6.5	34
13	Stability of SARS-CoV-2 in different environmental conditions. Lancet Microbe, The, 2020, 1, e145.	3.4	32
14	Removal of Heavy Metals from Solid Wastes Leachates Coagulation-Flocculation Process. Journal of Applied Sciences, 2008, 8, 2142-2147.	0.1	32
15	Photocatalytic degradation of furfural in aqueous solution by N-doped titanium dioxide nanoparticles. Environmental Science and Pollution Research, 2016, 23, 21846-21860.	2.7	31
16	Catalytic degradation of diclofenac from aqueous solutions using peroxydisulfate activated by magnetic MWCNTs-CoFe ₃ O ₄ nanoparticles. RSC Advances, 2019, 9, 16496-16508.	1.7	27
17	Determination of Hydrophobic and Hydrophilic Fractions of Natural Organic Matter in Raw Water of Jalalieh and Tehranspars Water Treatment Plants (Tehran). Journal of Applied Sciences, 2007, 7, 2651-2655.	0.1	27
18	Survey of Fluoride Concentration in Drinking Water Sources and Prevalence of DMFT in the 12 Years Old Students in Behshar City. Journal of Medical Sciences (Faisalabad, Pakistan), 2006, 6, 658-661.	0.0	27

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19	Biosorption of fluoride from aqueous phase onto <i>Padina sanctae crucis</i> algae: evaluation of biosorption kinetics and isotherms. <i>Desalination and Water Treatment</i> , 2016, 57, 28405-28416.	1.0	23
20	Kinetic and isotherm modeling of Cd (II) adsorption by L-cysteine functionalized multi-walled carbon nanotubes as adsorbent. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 682.	1.3	19
21	Adsorption of ethidium bromide (EtBr) from aqueous solutions by natural pumice and aluminium-coated pumice. <i>Journal of Molecular Liquids</i> , 2016, 213, 41-47.	2.3	17
22	Calculating fluoride concentrations data using ambient temperatures in drinking water distribution networks in select provinces of Iran. <i>Data in Brief</i> , 2017, 15, 127-132.	0.5	17
23	Brilliant Blue FCF degradation by persulfate/zero valent iron: the effects of influencing parameters and anions. , 0, 70, 364-371.		15
24	Study of Natural Organic Matter Fractions in Water Sources of Tehran. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 1718-1722.	0.2	12
25	Influences of Solution Chemistry on Phenol Removal From Aqueous Environments by Electrocoagulation Process Using Aluminum Electrodes. <i>Health Scope</i> , 2012, 1, 66-70.	0.4	11
26	Synthesis and characterization of nanoparticles and composites as bactericides. <i>Journal of Microbiological Methods</i> , 2019, 167, 105736.	0.7	9
27	Desalination and power generation of caspian sea by applying new designed microbial desalination cells in batch operation mode. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13205.	1.3	9
28	Do disinfection byproducts in drinking water have an effect on human cancer risk worldwide? A meta-analysis. <i>Environmental Quality Management</i> , 2019, 29, 105-119.	1.0	9
29	A modeling study by artificial neural network on ethidium bromide adsorption optimization using natural pumice and iron-coated pumice. <i>Desalination and Water Treatment</i> , 2016, 57, 13472-13483.	1.0	8
30	Performance of photocatalytic ozonation process for pentachlorophenol (PCP) removal in aqueous solution using graphene-TiO ₂ nanocomposite (UV/G-TiO ₂ /O ₃). <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 1083-1097.	1.4	7
31	Variability of TOC and DBPs (THMs and HAA5) in drinking water sources and distribution system in drought season: the North Iran case study. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 100-113.	1.2	7
32	On-line extraction and determination of residual sulfathiazole in pharmaceutical wastewater with molecularly imprinted polymers in a packed cartridge coupled with high-performance liquid chromatography. <i>Analytical Methods</i> , 2017, 9, 3019-3028.	1.3	6
33	Modeling Nitrate Removal by Nano-Scaled Zero-Valent Iron Using Response Surface Methodology. <i>Health Scope</i> , 2014, 3, .	0.4	6
34	STUDY OF Cd (II) AND Cr (VI) BIOSORPTION BY MESOCARPS OF ORANGE AND SOUR ORANGE FROM AQUEOUS SOLUTIONS. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 345-351.	0.2	5
35	Removal of salt from the Caspian Sea using a single- and double-layer membrane microbial desalination cell in continuous-mode operation. , 0, 147, 83-89.		5
36	Co-composting of Dewatered Sewage Sludge with Sawdust. <i>Pakistan Journal of Biological Sciences</i> , 2006, 9, 1580-1583.	0.2	4

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37	Study on Removal of Cadmium from Plating Baths Wastewater by Electrochemical Precipitation Method. <i>Pakistan Journal of Biological Sciences</i> , 2006, 9, 2107-2111.	0.2	4
38	Forecast optimal fluoride concentration data in drinking water according to the ambient temperature in Golestan, Iran. <i>Environmental Quality Management</i> , 2019, 28, 117-121.	1.0	3
39	The potential of common duckweed (<i>Lemna minor</i>) in phytoremediation of phenanthrene and pyrene. <i>Environmental Engineering Research</i> , 2023, 28, 210592-0.	1.5	3
40	Chemical fractions of natural organic matter in two water treatment plants of Tehran and DBPS formation potential. <i>Toxicology Letters</i> , 2009, 189, S136.	0.4	2
41	Using of indigenous bulking agents (IBAs) in complementary stabilization and enhancing of dewatered sludge class B to class a on a full scale. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 767-777.	1.4	2
42	Studying the removal of Hg(II) from aqueous solution by using polyaniline and its nanocomposites. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 237-250.	1.8	2
43	Far Comparison of the efficiency of natural and synthetic zeolites modified with cationic surfactants as a disinfectant against <i>Escherichia coli</i> , <i>Enterobacter</i> , and <i>Enterococcus</i> . , 0, 119, 36-43.		2
44	Heavy metal ions adsorption by suspended particle and sediment of the Chalus River, Iran. <i>African Journal of Biotechnology</i> , 2012, 11, .	0.3	2
45	Investigating the effects of vermicomposting process using <i>Eisenia Fetida</i> earthworms on the reduction of parasites population. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1623-1633.	1.4	2
46	Assessment of fluoride content in several brands of Iranian Teas (<i>Camellia sinensis</i>) and Tea Liquor. <i>Toxicology Letters</i> , 2008, 180, S207-S208.	0.4	1
47	Effect of Urmia Lake's drying on groundwater corrosion and scaling potential in the northwest of Iran (Case study: Spring and summer, 2015). <i>Environmental Quality Management</i> , 2018, 27, 65-72.	1.0	1
48	Water Disinfection Using Silver and Zinc Oxide Nanoparticles. <i>Journal of Nano Research</i> , 0, 69, 105-121.	0.8	1
49	Applications, Issues and Futures of Nanofiltration for Drinking Water Treatment. <i>Health Scope</i> , 2015, 4, .	0.4	1
50	Toxicity and Anti-feeding effect of <i>Aesculus hippocastanum</i> , <i>Thymus daenensis</i> , <i>Artemisia abrotanum</i> , and <i>Chrozophora tinctoria</i> on <i>Sitophilus oryzae</i> . <i>Journal of Environmental Health Science & Engineering</i> , 2022, 20, 241-249.	1.4	1
51	An investigation of agricultural use potential of dewatered sewage sludge. <i>Environmental Health Engineering and Management</i> , 2019, 6, 179-184.	0.3	0
52	Photocatalytic Degradation of Total Organic Carbon in Water by under UV Irradiation on Graphene Oxide. <i>Journal of Nano Research</i> , 0, 72, 123-137.	0.8	0