

Mohammad Ali Zazouli

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,163
citations

394421
19
h-index

395702
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. | 3.0 | 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. | 11.3 | 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. | 3.0 | 83 |
| 4 | Fouling effects of humic and alginic acids in nanofiltration and influence of solution composition. Desalination, 2010, 250, 688-692. | 8.2 | 82 |
| 5 | Photocatalytic degradation of food dye by Fe ₃ O ₄ @TiO ₂ nanoparticles in presence of peroxymonosulfate: The effect of UV sources. Journal of Environmental Chemical Engineering, 2017, 5, 2459-2468. | 6.7 | 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. | 2.5 | 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. | 4.8 | 49 |
| 8 | Maturity and Stability Evaluation of Composted Municipal Solid Wastes. Health Scope, 2016, 5, . | 0.6 | 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. | 2.2 | 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. | 3.0 | 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. | 12.4 | 34 |
| 13 | Stability of SARS-CoV-2 in different environmental conditions. Lancet Microbe, The, 2020, 1, e145. | 7.3 | 32 |
| 14 | Removal of Heavy Metals from Solid Wastes Leachates Coagulation-Flocculation Process. Journal of Applied Sciences, 2008, 8, 2142-2147. | 0.3 | 32 |
| 15 | Photocatalytic degradation of furfural in aqueous solution by N-doped titanium dioxide nanoparticles. Environmental Science and Pollution Research, 2016, 23, 21846-21860. | 5.3 | 31 |
| 16 | Catalytic degradation of diclofenac from aqueous solutions using peroxymonosulfate activated by magnetic MWCNTs-CoFe ₃ O ₄ nanoparticles. RSC Advances, 2019, 9, 16496-16508. | 3.6 | 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. | 0.3 | 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. | 2.7 | 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. | 4.9 | 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. | 1.0 | 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. | 0.5 | 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. | 0.6 | 11 |
| 26 | Synthesis and characterization of nanoparticles and composites as bactericides. <i>Journal of Microbiological Methods</i> , 2019, 167, 105736. | 1.6 | 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. | 2.3 | 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. | 1.9 | 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. | 3.0 | 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. | 2.2 | 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. | 2.7 | 6 |
| 33 | Modeling Nitrate Removal by Nano-Scaled Zero-Valent Iron Using Response Surface Methodology. <i>Health Scope</i> , 2014, 3, . | 0.6 | 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. | 0.6 | 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. | 0.5 | 4 |

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|----|---|-----|-----------|
| 37 | Study on Removal of Cadmium from Plating Baths Wastewater by Electrochemical Precipitation Method. Pakistan Journal of Biological Sciences, 2006, 9, 2107-2111. | 0.5 | 4 |
| 38 | Forecast optimal fluoride concentration data in drinking water according to the ambient temperature in Golestan, Iran. Environmental Quality Management, 2019, 28, 117-121. | 1.9 | 3 |
| 39 | The potential of common duckweed (Lemna minor) in phytoremediation of phenanthrene and pyrene. Environmental Engineering Research, 2023, 28, 210592-0. | 2.5 | 3 |
| 40 | Chemical fractions of natural organic matter in two water treatment plants of Tehran and DBPS formation potential. Toxicology Letters, 2009, 189, S136. | 0.8 | 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. Journal of Environmental Health Science & Engineering, 2019, 17, 767-777. | 3.0 | 2 |
| 42 | Studying the removal of Hg(II) from aqueous solution by using polyaniline and its nanocomposites. International Journal of Environmental Analytical Chemistry, 2021, 101, 237-250. | 3.3 | 2 |
| 43 | Far Comparison of the efficiency of natural and synthetic zeolites modified with cationic surfactants as a disinfectant against Escherichia coli, Enterobacter, and Enterococcus. , 0, 119, 36-43. | | 2 |
| 44 | Heavy metal ions adsorption by suspended particle and sediment of the Chalus River, Iran. African Journal of Biotechnology, 2012, 11, . | 0.6 | 2 |
| 45 | Investigating the effects of vermicomposting process using Eisenia Fetida earthworms on the reduction of parasites population. Journal of Environmental Health Science & Engineering, 2021, 19, 1623-1633. | 3.0 | 2 |
| 46 | Assessment of fluoride content in several brands of Iranian Teas (Camellia sinensis) and Tea Liquor. Toxicology Letters, 2008, 180, S207-S208. | 0.8 | 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). Environmental Quality Management, 2018, 27, 65-72. | 1.9 | 1 |
| 48 | Water Disinfection Using Silver and Zinc Oxide Nanoparticles. Journal of Nano Research, 0, 69, 105-121. | 0.8 | 1 |
| 49 | Applications, Issues and Futures of Nanofiltration for Drinking Water Treatment. Health Scope, 2015, 4, . | 0.6 | 1 |
| 50 | Toxicity and Anti-feeding effect of Aesculushippocastanum, Thymus daenensis, Artemisia abrotanum, and Chrozophora tinctoria on Sitophilus oryzae. Journal of Environmental Health Science & Engineering, 2022, 20, 241-249. | 3.0 | 1 |
| 51 | An investigation of agricultural use potential of dewatered sewage sludge. Environmental Health Engineering and Management, 2019, 6, 179-184. | 0.7 | 0 |
| 52 | Photocatalytic Degradation of Total Organic Carbon in Water by under UV Irradiation on Graphene Oxide. Journal of Nano Research, 0, 72, 123-137. | 0.8 | 0 |