

# Mahdi Safari

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,229  
citations

331670

21  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1627  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonocatalytic degradation of tetracycline antibiotic using zinc oxide nanostructures loaded on nano-cellulose from waste straw as nanosonocatalyst. <i>Ultrasonics Sonochemistry</i> , 2019, 55, 117-124.	8.2	141
2	Photocatalytic degradation of organic dyes using WO <sub>3</sub> -doped ZnO nanoparticles fixed on a glass surface in aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 73, 297-305.	5.8	86
3	Sonocatalyzed decolorization of synthetic textile wastewater using sonochemically synthesized MgO nanostructures. <i>Ultrasonics Sonochemistry</i> , 2016, 30, 123-131.	8.2	78
4	Enhanced sonocatalysis of textile wastewater using bentonite-supported ZnO nanoparticles: Response surface methodological approach. <i>Journal of Environmental Management</i> , 2016, 179, 47-57.	7.8	76
5	Effects of doping zinc oxide nanoparticles with transition metals (Ag, Cu, Mn) on photocatalytic degradation of Direct Blue 15 dye under UV and visible light irradiation. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 479-492.	3.0	65
6	Periodate-assisted pulsed sonocatalysis of real textile wastewater in the presence of MgO nanoparticles: Response surface methodological optimization. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 181-190.	8.2	62
7	Ultrasonically facilitated adsorption of an azo dye onto nanostructures obtained from cellulosic wastes of broom and cooler straw. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 228-241.	9.4	59
8	Synthesis and characterization of nanocomposite ultrafiltration membrane (PSF/PVP/SiO <sub>2</sub> ) and performance evaluation for the removal of amoxicillin from aqueous solutions. <i>Environmental Technology and Innovation</i> , 2020, 17, 100529.	6.1	57
9	Sono-assisted adsorption of a textile dye on milk vetch-derived charcoal supported by silica nanopowder. <i>Journal of Environmental Management</i> , 2017, 187, 111-121.	7.8	56
10	Mechanistic investigation of ciprofloxacin recovery by magnetite-imprinted chitosan nanocomposite: Isotherm, kinetic, thermodynamic and reusability studies. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 712-721.	7.5	56
11	Implementation of continuously electro-generated Fe <sub>3</sub> O <sub>4</sub> nanoparticles for activation of persulfate to decompose amoxicillin antibiotic in aquatic media: UV254 and ultrasound intensification. <i>Journal of Environmental Management</i> , 2018, 224, 315-326.	7.8	54
12	Response surface methodological evaluation of the adsorption of textile dye onto biosilica/alginate nanobiocomposite: thermodynamic, kinetic, and isotherm studies. <i>Desalination and Water Treatment</i> , 2015, 56, 1389-1402.	1.0	51
13	Photocatalytic Degradation of 2,4-Dichlorophenoxyacetic Acid in Aqueous Solution Using Mn-doped ZnO/Graphene Nanocomposite Under LED Radiation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 923-934.	3.7	39
14	Photocatalytic degradation of humic substances in aqueous solution using Cu-doped ZnO nanoparticles under natural sunlight irradiation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16875-16880.	5.3	38
15	A comparative optimization and performance analysis of four different electrocoagulation-flotation processes for humic acid removal from aqueous solutions. <i>Chemical Engineering Research and Design</i> , 2019, 121, 103-117.	5.6	38
16	Decontamination of arsenic(V)-contained liquid phase utilizing Fe <sub>3</sub> O <sub>4</sub> /bone char nanocomposite encapsulated in chitosan biopolymer. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15157-15166.	5.3	26
17	Synthesis of immobilized cerium doped ZnO nanoparticles through the mild hydrothermal approach and their application in the photodegradation of synthetic wastewater. <i>Journal of Molecular Liquids</i> , 2019, 280, 230-237.	4.9	25
18	Photocatalytic degradation of humic substances in the presence of ZnO nanoparticles immobilized on glass plates under ultraviolet irradiation. <i>Separation Science and Technology</i> , 2016, 51, 2484-2489.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Adsorptive removal of nickel and lead ions from aqueous solutions by poly (amidoamine) (PAMAM) dendrimers ( $T_j ETQq1$ ). <i>Environmental Technology and Innovation</i> , 2018, 13, 261-272.	0.784314	23
20	Sonocatalytic and photocatalytic efficiency of transition metal-doped ZnO nanoparticles in the removal of organic dyes from aquatic environments. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1360-1370.	2.7	23
21	Application of micellar enhanced ultrafiltration (MEUF) for arsenic (v) removal from aqueous solutions and process optimization. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 1588-1593.	2.4	21
22	Bio-electrochemical reduction of nitrate utilizing MWCNT supported on carbon base electrodes: A comparison study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2212-2216.	5.3	19
23	Equilibrium and kinetic studies of chromium adsorption from wastewater by functionalized multi-wall carbon nanotubes. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 112, 371-382.	1.7	17
24	Bioelectrochemical denitrification using carbon felt/multiwall carbon nanotube. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1057-1062.	2.2	15
25	The application of a natural chitosan/bone char composite in adsorbing textile dyes from water. <i>Chemical Engineering Communications</i> , 2017, 204, 1082-1093.	2.6	15
26	Simultaneous removal of nitrate and its intermediates by use of bipolar electrochemistry. <i>Research on Chemical Intermediates</i> , 2015, 41, 1365-1372.	2.7	14
27	Synthesis and Application of Fe-Doped TiO <sub>2</sub> Nanoparticles for Photodegradation of 2,4-D from Aqueous Solution. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 6409-6422.	3.0	14
28	Application of Nanocrystalline Iranian Diatomite in Immobilized Form for Removal of a Textile Dye. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 723-732.	2.4	13
29	Photocatalysis of formaldehyde in the aqueous phase over ZnO/diatomite nanocomposite. <i>Turkish Journal of Chemistry</i> , 2016, 40, 402-411.	1.2	9
30	Preparation of Chitosan/Bone Char/Fe <sub>3</sub> O <sub>4</sub> Nanocomposite for Adsorption of Hexavalent Chromium in Aquatic Environments. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 5799-5808.	3.0	5
31	Effect of Washing and Cooking on Nitrate Content of Potatoes (cv. Diamant) and Implications for Mitigating Human Health Risk in Iran. <i>Potato Research</i> , 2020, 63, 449-462.	2.7	4
32	Sonocatalytic Degradation of Humic Substances From Aquatic Environments Using MgO Nanoparticles. <i>Avicenna Journal of Environmental Health Engineering</i> , 2017, 4, 13-18.	0.6	3
33	Synthesis of immobilised Ni-doped TiO <sub>2</sub> nanoparticles through hydrothermal route and their efficiency evaluation in photodegradation of formaldehyde. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1987-1999.	3.3	2
34	Treatment of aquatic medium containing common and emerging contaminants using an aero-electrochemical process based on graphite cathode and three metal oxides alloy as anode: Central composite design and photo/sono-enhancement. <i>Chemosphere</i> , 2022, 297, 134129.	8.2	2