Alireza Nasiri

List of Publications by Year
in descending order

43 papers	1,435 citations	236925 25 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	984 citing authors

#	Article	IF	Citations
1	Photocatalytic degradation of ciprofloxacin antibiotic by TiO₂ nanoparticles immobilized on a glass plate. Chemical Engineering Communications, 2020, 207, 56-72.	2.6	140
2	Facile and green synthesis of ZnFe2O4@CMC as a new magnetic nanophotocatalyst for ciprofloxacin degradation from aqueous media. Chemical Engineering Research and Design, 2019, 129, 138-151.	5.6	83
3	Preparation of CoFe2O4/activated carbon@chitosan as a new magnetic nanobiocomposite for adsorption of ciprofloxacin in aqueous solutions. Water Science and Technology, 2018, 78, 2158-2170.	2.5	80
4	Photocatalytic degradation of metronidazole from aquatic solution by TiO2-doped Fe3+ nano-photocatalyst. International Journal of Environmental Science and Technology, 2019, 16, 4275-4284.	3.5	73
5	Microwave-assisted preparation of ZnFe2O4@methyl cellulose as a new nano-biomagnetic photocatalyst for photodegradation of metronidazole. International Journal of Biological Macromolecules, 2020, 154, 1036-1049.	7.5	64
6	Removal of metronidazole from wastewater by Fe/charcoal micro electrolysis fluidized bed reactor. Journal of Environmental Chemical Engineering, 2019, 7, 103457.	6.7	57
7	Photocatalytic degradation of ciprofloxacin using CuFe2O4@methyl cellulose based magnetic nanobiocomposite. MethodsX, 2020, 7, 100764.	1.6	57
8	New magnetic nanobiocomposite CoFe2O4@methycellulose: facile synthesis, characterization, and photocatalytic degradation of metronidazole. Journal of Materials Science: Materials in Electronics, 2019, 30, 8595-8610.	2.2	47
9	Enhanced activation of persulfate by CuCoFe2O4@MC/AC as a novel nanomagnetic heterogeneous catalyst with ultrasonic for metronidazole degradation. Chemosphere, 2022, 286, 131872.	8.2	46
10	Adsorption of tetracycline using CuCoFe2O4@Chitosan as a new and green magnetic nanohybrid adsorbent from aqueous solutions: Isotherm, kinetic and thermodynamic study. Arabian Journal of Chemistry, 2022, 15, 104014.	4.9	46
11	A study on the photocatalytic degradation of p-Nitroaniline on glass plates by Thermo-Immobilized ZnO nanoparticle. Inorganic and Nano-Metal Chemistry, 2020, 50, 124-135.	1.6	45
12	Synthesis of Fe3O4@activated carbon to treat metronidazole effluents by adsorption and heterogeneous Fenton with effluent bioassay. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 427, 113845.	3.9	40
13	ZnO nanofluid as a structure base catalyst for chemoselective amidation of aliphatic carboxylic acids. Catalysis Communications, 2011, 16, 194-197.	3.3	38
14	CoFe2O4@Methylcellulose/AC as a New, Green, and Eco-friendly Nano-magnetic adsorbent for removal of Reactive Red 198 from aqueous solution. Arabian Journal of Chemistry, 2022, 15, 103745.	4.9	38
15	Investigation of the efficiency of microbial desalination cell in removal of arsenic from aqueous solutions. Desalination, 2018, 438, 19-23.	8.2	36
16	CuCoFe2O4@MC/AC as a new hybrid magnetic nanocomposite for metronidazole removal from wastewater: Bioassay and toxicity of effluent. Separation and Purification Technology, 2022, 296, 121366.	7.9	36
17	CoFe2O4@Methylcelloluse as a New Magnetic Nano Biocomposite for Sonocatalytic Degradation of Reactive Blue 19. Journal of Polymers and the Environment, 2021, 29, 2660-2675.	5.0	34
18	Magnetic nano-biocomposite CuFe2 O4 @methylcellulose (MC) prepared as a new nano-photocatalyst for degradation of ciprofloxacin from aqueous solution. Environmental Health Engineering and Management, 2019, 6, 41-51.	0.7	34

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19	CsFâ€“Celite as an efficient heterogeneous catalyst for sulfonylation and desulfonylation of heteroatoms. Catalysis Communications, 2011, 12, 1477-1482.	3.3	33
20	CoFe2O4@methylcellulose synthesized as a new magnetic nanocomposite to tetracycline adsorption: modeling, analysis, and optimization by response surface methodology. Journal of Polymer Research, 2021, 28, 1.	2.4	33
21	A microwave assisted method to synthesize nanoCoFe2O4@methyl cellulose as a novel metal-organic framework for antibiotic degradation. MethodsX, 2019, 6, 1557-1563.	1.6	30
22	A facile and green method for synthesis of ZnFe2O4@CMC as a new magnetic nanophotocatalyst for ciprofloxacin removal from aqueous media. MethodsX, 2019, 6, 1575-1580.	1.6	30
23	Hybrid UV/COP advanced oxidation process using ZnO as a catalyst immobilized on a stone surface for degradation of acid red 18 dye. MethodsX, 2020, 7, 101118.	1.6	28
24	Removal of nonylphenol from aqueous solutions using carbonized date pits modified with ZnO nanoparticles. , 0, 141, 140-148.		28
25	Experimental data on the removal of phenol by electro-H2O2 in presence of UV with response surface methodology. MethodsX, 2019, 6, 1188-1193.	1.6	27
26	Efficiency of novel Fe/charcoal/ultrasonic micro-electrolysis strategy in the removal of Acid Red 18 from aqueous solutions. Journal of Environmental Chemical Engineering, 2020, 8, 103553.	6.7	27
27	Decoloration of textile Acid Red 18 dye by hybrid UV/COP advanced oxidation process using ZnO as a catalyst immobilized on a stone surface. , 0, 182, 385-394.		27
28	Removal of Phenol from Steel Plant Wastewater in Three Dimensional Electrochemical (TDE) Process using CoFe₂O₄@AC/H₂O₂. Zeitschrift Fur Physikalische Chemie, 2020, 234, 1661-1679.	2.8	26
29	Metronidazole adsorption on CoFe2O4/activated carbon@chitosan as a new magnetic biocomposite: modelling, analysis, and optimization by response surface methodology. , 0, 164, 215-227.		25
30	Synthesis and stabilization of ZnO nanoparticles on a glass plate to study the removal efficiency of acid red 18 by hybrid advanced oxidation process (ultraviolet/ZnO/ultrasonic). , 0, 170, 325-336.		25
31	Spatial distribution and correlations among elements in smaller than 75ÂÎ¼m street dust: ecological and probabilistic health risk assessment. Environmental Geochemistry and Health, 2021, 43, 567-583.	3.4	24
32	CoFe2O4@methyl cellulose core-shell nanostructure and their hybrids with functionalized graphene aerogel for high performance asymmetric supercapacitor. International Journal of Hydrogen Energy, 2021, 46, 3984-3995.	7.1	19
33	Tetracycline Adsorption from Aqueous Media by Magnetically Separable Fe3O4@Methylcellulose/APTMS: Isotherm, Kinetic and Thermodynamic Studies. Journal of Polymers and the Environment, 2022, 30, 3351-3367.	5.0	17
34	Correlation between heavy metal concentration and oxidative potential of street dust. Air Quality, Atmosphere and Health, 2022, 15, 731-738.	3.3	13
35	Effect of titanium dioxide nanoparticles on DNA methylation of human peripheral blood mononuclear cells. Toxicology Research, 2021, 10, 1045-1051.	2.1	7
36	Estimating methane gas generation rate from Kerman City landfill using LandGEM software. International Journal of Environment and Waste Management, 2020, 26, 520.	0.3	4

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37	Ecological and Probabilistic Health Risk Assessment of Heavy Metals in Topsoils, Southeast of Iran. Bulletin of Environmental Contamination and Toxicology, 2022, 108, 737-744.	2.7	4
38	Determination and risk assessment of heavy metals in air dust fall particles. Environmental Health Engineering and Management, 2021, 8, 319-327.	0.7	4
39	Effects of pistachio processing wastewater on treatment efficiency of urban wastewater using activated sludge process. Environmental Health Engineering and Management, 2018, 5, 167-174.	0.7	3
40	Performance evaluation of household water treatment systems used in Kerman for removal of cations and anions from drinking water. Applied Water Science, 2017, 7, 4437-4447.	5.6	2
41	Evaluation of antimicrobial activities of powdered cuttlebone against Klebsiella oxytoca, Staphylococcus aureus, and Aspergillus flavus. Environmental Health Engineering and Management, 2021, 8, 39-45.	0.7	2
42	Potential impact of global warming on river runoff coming to Jor reservoir, Malaysia by integration of LARS-WG with artificial neural networks. Environmental Health Engineering and Management, 2019, 6, 139-149.	0.7	2
43	Sulfur dioxide adsorption by Iron Oxide Nanoparticles@Clinoptilolite/HCl. Journal of Air Pollution and Health, 0, , .	0.0	0