Nezamaddin Mengelizadeh

List of Publications by Year
in descending order

23 papers	531 citations	623188 14 h-index	794141 19 g-index
23 all docs	23 docs citations	23 times ranked	398 citing authors

#	Article	IF	Citations
1	Photocatalytic efficiency of CuNiFe2O4 nanoparticles loaded on multi-walled carbon nanotubes as a novel photocatalyst for ampicillin degradation. Journal of Molecular Liquids, 2021, 337, 116470.	2.3	62
2	Photocatalytic degradation of amoxicillin from aqueous solutions by titanium dioxide nanoparticles loaded on graphene oxide. Environmental Science and Pollution Research, 2021, 28, 49743-49754.	2.7	58
3	Electrochemical degradation of diclofenac using three-dimensional electrode reactor with multi-walled carbon nanotubes. Environmental Science and Pollution Research, 2018, 25, 24746-24763.	2.7	45
4	Application of three-dimensional electrofenton process using MWCNTs-Fe3O4 nanocomposite for removal of diclofenac. Chemical Engineering Research and Design, 2018, 119, 271-284.	2.7	44
5	Degradation of diclofenac by heterogeneous electro-Fenton process using magnetic single-walled carbon nanotubes as a catalyst. Journal of Water Process Engineering, 2019, 31, 100852.	2.6	40
6	Heterogeneous activation of peroxymonosulfate with Fe3O4 magnetic nanoparticles for degradation of Reactive Black 5: Batch and column study. Journal of Environmental Chemical Engineering, 2021, 9, 105414.	3.3	40
7	Catalytic degradation of diclofenac from aqueous solutions using peroxymonosulfate activated by magnetic MWCNTs-CoFe₃O₄ nanoparticles. RSC Advances, 2019, 9, 16496-16508.	1.7	27
8	Application of response surface methodology for optimization of reactive black 5 removal by three dimensional electro-Fenton process. Journal of Environmental Chemical Engineering, 2018, 6, 3418-3435.	3.3	24
9	Multiâ€walled carbon nanotubesâ€CoFe₂O₄ nanoparticles as a reusable novel peroxymonosulfate activator for degradation of Reactive Black 5. Water Environment Research, 2020, 92, 969-974.	1.3	21
10	Catalytic degradation of mefenamic acid by peroxymonosulfate activated with MWCNTs-CoFe2O4: influencing factors, degradation pathway, and comparison of activation processes. Environmental Science and Pollution Research, 2020, 27, 45324-45335.	2.7	21
11	Optimization of the 3D electroâ€Fenton process in removal of acid orange 10 from aqueous solutions by response surface methodology. Journal of Chemical Technology and Biotechnology, 2019, 94, 3158-3171.	1.6	20
12	Magnetic CuNiFe2O4 nanoparticles loaded on multi-walled carbon nanotubes as a novel catalyst for peroxymonosulfate activation and degradation of reactive black 5. Environmental Science and Pollution Research, 2021, 28, 57099-57114.	2.7	20
13	Electrochemical Degradation of Reactive Black 5 Using Three-Dimensional Electrochemical System Based on Multiwalled Carbon Nanotubes. Journal of Environmental Engineering, ASCE, 2019, 145, .	0.7	18
14	Sonophotocatalytic degradation and operational parameters optimization of diazinon using magnetic cobaltâ€“graphene nanocomposite as a catalyst. Journal of Water Process Engineering, 2022, 46, 102548.	2.6	16
15	Heterogeneous activation of peroxymonosulfate by GO-CoFe2O4 for degradation of reactive black 5 from aqueous solutions: Optimization, mechanism, degradation intermediates and toxicity. Journal of Molecular Liquids, 2021, 327, 114838.	2.3	14
16	Comparison of electrochemical advanced oxidation processes for removal of ciprofloxacin from aqueous solutions. , 0, 113, 307-318.		13
17	Degradation of ciprofloxacin in aqueous solution by activating the proxymonosulfate using graphene based on CoFe2O4. , 0, 167, 156-169.		11
18	Removal of Orthophosphate from Municipal Wastewater Using Chemical Precipitation Process in Ahvaz Wastewater Treatment Plant, Iran. Asian Journal of Chemistry, 2013, 25, 2565-2568.	0.1	10

#	Article	IF	Citations
19	Study of the effectiveness of the third generation polyamideamine and polypropylene imine dendrimers in removal of reactive blue 19 dye from aqueous solutions. Environmental Health Engineering and Management, 2018, 5, 197-203.	0.3	9
20	Adsorption of methylene blue from aqueous solutions by cellulose and nanofiber cellulose and its electrochemical regeneration. , 0, 110, 250-263.		9
21	Effective degradation of amoxicillin using peroxymonosulfate activated with MWCNTs-CuNiFe2O4 as a new catalyst: optimization, degradation pathway, and toxicity assessment. Biomass Conversion and Biorefinery, 2023, 13, 11983-11996.	2.9	4
22	Three dimensional electro-Fenton oxidation of diclofenac and naproxen with magnetic bentonite as a novel particle electrode. International Journal of Environmental Analytical Chemistry, 2022, 102, 5045-5063.	1.8	3
23	Degradation of mefenamic acid using magnetic multi-walled carbon nanotube as a novel particle electrode in a three-dimensional electro-Fenton process. , 0, 185, 152-167.		2