Esrafil Asgari

List of Publications by Year
in descending order

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36 papers	827 citations	623188 14 h-index	552369 26 g-index
36 all docs	36 docs citations	36 times ranked	541 citing authors

#	Article	IF	Citations
1	The adsorption behaviour of triclosan onto magnetic bio polymer beads impregnated with diatomite. International Journal of Environmental Analytical Chemistry, 2023, 103, 4130-4142.	1.8	12
2	Photo-catalytic degradation of ciprofloxacin by UV/ZnO/SO ₃ process: performance, kinetic, degradation pathway, energy consumption and total cost of system. International Journal of Environmental Analytical Chemistry, 2023, 103, 5296-5310.	1.8	2
3	Photocatalytic oxidation of ciprofloxacin by UV/ Î±-Fe2O3/sulfite: mechanism, kinetic, degradation pathway. International Journal of Environmental Health Research, 2023, 33, 192-205.	1.3	3
4	Heterogeneous catalytic degradation of nonylphenol using persulphate activated by natural pyrite: response surface methodology modelling and optimisation. International Journal of Environmental Analytical Chemistry, 2022, 102, 6041-6060.	1.8	36
5	Antibacterial effect of TiO2 modified with poly-amidoamine dendrimer â€“ G3 on S. aureus and E. coli in aqueous solutions. Water Science and Technology, 2022, 85, 605-616.	1.2	6
6	Ternary nanocomposite of TiO2-ZnO/MCM-41: synthesis and electrochemical performance in supercapacitors. Journal of Energy Storage, 2022, 50, 104633.	3.9	27
7	Fabrication of Î³-Fe2O3@C/PIDA nanosphere to stabilize silver nanoparticles: Engineered nanostructure to bioactivity and antimicrobial activity. Journal of Molecular Liquids, 2022, 358, 119227.	2.3	3
8	Degradation of ciprofloxacin by photocatalytic ozonation process under irradiation with UVA: Comparative study, performance and mechanism. Chemical Engineering Research and Design, 2021, 147, 356-366.	2.7	55
9	A facile strategy for designing core-shell nanocomposite of ZIF-67/Fe3O4: A novel insight into ciprofloxacin removal from wastewater. Chemical Engineering Research and Design, 2021, 147, 392-404.	2.7	58
10	Enhancement the Phenylmethyl ester photo degradability in the presence of O3 and H2O2. Optik, 2021, 228, 166204.	1.4	12
11	The investigation of removal performances of UV/ZnO, UV/ZnO/H2O2 and UV/ZnO/O3 processes in the degradation of Butoben and Phenylmethyl ester from aqueous solution. Optik, 2021, 228, 166208.	1.4	10
12	Phthalate acid esters in pickled vegetables packaged in polyethylene terephthalate container: Occurrence, migration, and estrogenic activity-associated risk assessment. Journal of Food Composition and Analysis, 2021, 99, 103880.	1.9	11
13	The synergistic effect of O3 and H2O2 on the Butyl p-hydroxybenzoate photo-catalytic degradability by UVC/ZnO: Efficiency, kinetic, pathway, mechanism. Optik, 2021, 239, 166673.	1.4	5
14	Ultrasound-assisted decomposition of metronidazole by synthesized TiO2/Fe3O4 nanocatalyst: Influencing factors and mechanisms. Journal of Environmental Chemical Engineering, 2021, 9, 105844.	3.3	42
15	Degradation of ciprofloxacin using hematite/MOF nanocomposite as a heterogeneous Fenton-like catalyst: A comparison of composite and coreâ^'shell structures. Chemosphere, 2021, 281, 130970.	4.2	63
16	Performance intensification of BzP photo-catalytic degradation through adding exogenous oxidant. Optik, 2020, 202, 163571.	1.4	27
17	Enhancement the BuP photo-catalytic degradability by UVC/ZnO through adding exogenous oxidant: Mechanism, kinetic, energy consumption. Journal of Environmental Chemical Engineering, 2020, 8, 103576.	3.3	33
18	Application of the Fe3O4-chitosan nano-adsorbent for the adsorption of metronidazole from wastewater: Optimization, kinetic, thermodynamic and equilibrium studies. International Journal of Biological Macromolecules, 2020, 164, 694-706.	3.6	68

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19	The application of co-oxidant in order to enhancement the parabens photo-catalytic degradability. Optik, 2020, 224, 165667.	1.4	2
20	Application of a photocatalytic ozonation process using TiO2 magnetic nanoparticles for the removal of Ceftazide from aqueous solutions: Evaluation of performance, comparative study and mechanism. Optik, 2020, 212, 164667.	1.4	31
21	The synthesis and application of the Fe3O4@SiO2 nanoparticles functionalized with 3-aminopropyltriethoxysilane as an efficient sorbent for the adsorption of ethylparaben from wastewater: Synthesis, kinetic, thermodynamic and equilibrium studies. Journal of Environmental Chemical Engineering, 2019, 7, 103315.	3.3	40
22	The comparison of ZnO/polyaniline nanocomposite under UV and visible radiations for decomposition of metronidazole: Degradation rate, mechanism and mineralization. Chemical Engineering Research and Design, 2019, 128, 65-76.	2.7	62
23	Community health assessment: Knowledge, attitude and practice of women regarding water-pipe smoking in Bandar Abbas. MethodsX, 2019, 6, 442-446.	0.7	5
24	Application of graphene oxide modified with the phenopyridine and 2-mercaptobenzothiazole for the adsorption of Cr (VI) from wastewater: Optimization, kinetic, thermodynamic and equilibrium studies. Journal of Molecular Liquids, 2019, 285, 586-597.	2.3	37
25	Microbial contamination of keyboards and electronic equipment of ICU (Intensive Care Units) in Kashan University of medical sciences and health service hospitals. MethodsX, 2019, 6, 666-671.	0.7	6
26	O3, O3/UV and O3/UV/ZnO for abatement of parabens in aqueous solutions: Effect of operational parameters and mineralization/biodegradability improvement. Chemical Engineering Research and Design, 2019, 125, 238-250.	2.7	45
27	Tracking of chloramphenicol, erythromycin, and sulfamethoxazole antibiotic-resistant bacteria from untreated wastewater effluents to receiving river. Environmental Health Engineering and Management, 2019, 6, 89-96.	0.3	4
28	Investigation of Electrocoagulation/Electroflotation Process Efficiency with Aluminum-Graphite felt Electrodes in Removal of E.coli and S. typhimurium from Drinking Water. Pars of Jahrom University of Medical Sciences, 2017, 15, 32-46.	0.1	0
29	Determine the Integrated Indicators of Air Quality, Radiation, Sound and Lead of the Delphi Technique. MuhandisÄ«-i BihdÄsht-i Muá¸¥Ä«á¹, 2016, 3, 102-113.	0.1	1
30	Efficient destruction of metronidazole and ofloxacin antibiotics in the aqueous solutions by a new advanced oxidation process based on sulphite. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	1.8	0
31	Evaluation of adsorption and removal of methylparaben from aqueous solutions using amino-functionalized magnetic nanoparticles as an efficient adsorbent: Optimization and modeling by response surface methodology (RSM). , 0, 103, 248-260.		27
32	Synthesis of TiO2/polyaniline photocatalytic nanocomposite and its effects on degradation of metronidazole in aqueous solutions under UV and visible light radiation. , 0, 161, 228-242.		21
33	Fabrication of magnetic graphene oxide nanocomposites functionalized with a novel chelating ligand for the removal of Cr (VI): Modeling, optimization, and adsorption studies. , 0, 160, 297-307.		30
34	Removal of heavy metals (Cr, Cu and Zn) from electroplating wastewater by electrocoagulation and adsorption processes. , 0, 179, 263-271.		42
35	Biodegradability enhancement and pre-treatment of industrial estate wastewater by electro-Fenton process. , 0, 200, 217-223.		1
36	Comparative study on ozonation and catalytic ozonation using MgO@Fe₃O₄ magnetic nanoparticles for the removal of phenylamine from aqueous solutions. International Journal of Environmental Analytical Chemistry, 0, , 1-20.	1.8	0