Alireza Khataee

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563 papers	22,943 citations	71 h-index	121 g-index
577 ext. papers	27,305 ext. citations	6.2 avg, IF	7.96 L-index

#	Paper	IF	Citations
563	Photocatalytic degradation of azo dye acid red 14 in water on ZnO as an alternative catalyst to TiO2. *Journal of Photochemistry and Photobiology A: Chemistry*, **2004**, 162, 317-322	4.7	974
562	Photocatalytic degradation of azo dye acid red 14 in water: investigation of the effect of operational parameters. *Journal of Photochemistry and Photobiology A: Chemistry*, **2003**, 157, 111-116	4.7	639
561	Photocatalytic degradation of organic dyes in the presence of nanostructured titanium dioxide: Influence of the chemical structure of dyes. *Journal of Molecular Catalysis A*, **2010**, 328, 8-26		464
560	Biological decolorization of dye solution containing Malachite Green by microalgae Cosmarium sp. *Bioresource Technology*, **2007**, 98, 1176-82	11	368
559	TiO2 embedded mixed matrix PES nanocomposite membranes: Influence of different sizes and types of nanoparticles on antifouling and performance. *Desalination*, **2012**, 292, 19-29	10.3	356
558	Thin film nanocomposite reverse osmosis membrane modified by reduced graphene oxide/TiO 2 with improved desalination performance. *Journal of Membrane Science*, **2015**, 489, 43-54	9.6	309
557	Photocatalytic degradation of the insecticide diazinon in the presence of prepared nanocrystalline ZnO powders under irradiation of UV-C light. *Separation and Purification Technology*, **2007**, 58, 91-98	8.3	289
556	Photocatalytic degradation of three azo dyes using immobilized TiO2 nanoparticles on glass plates activated by UV light irradiation: influence of dye molecular structure. *Journal of Hazardous Materials*, **2009**, 168, 451-7	12.8	251
555	Decolorization of C.I. Acid Blue 9 solution by UV/Nano-TiO(2), Fenton, Fenton-like, electro-Fenton and electrocoagulation processes: a comparative study. *Journal of Hazardous Materials*, **2009**, 161, 1225-33	12.8	248
554	Preparation and characterization of graphene oxide/TiO2 blended PES nanofiltration membrane with improved antifouling and separation performance. *Desalination*, **2016**, 393, 65-78	10.3	234
553	Optimization of photocatalytic treatment of dye solution on supported TiO2 nanoparticles by central composite design: intermediates identification. *Journal of Hazardous Materials*, **2010**, 181, 886-97	12.8	225
552	Biodegradation of dye solution containing Malachite Green: optimization of effective parameters using Taguchi method. *Journal of Hazardous Materials*, **2007**, 143, 214-9	12.8	213
551	Hierarchically structured ternary heterojunctions based on Ce/ Ce modified FeO nanoparticles anchored onto graphene oxide sheets as magnetic visible-light-active photocatalysts for decontamination of oxytetracycline. *Journal of Hazardous Materials*, **2019**, 376, 200-211	12.8	201
550	Sonochemical synthesis of Pr-doped ZnO nanoparticles for sonocatalytic degradation of Acid Red 17. *Ultrasonics Sonochemistry*, **2015**, 22, 371-81	8.9	201
549	Preparation of a Novel Polyvinylidene Fluoride (PVDF) Ultrafiltration Membrane Modified with Reduced Graphene Oxide/Titanium Dioxide (TiO2) Nanocomposite with Enhanced Hydrophilicity and Antifouling Properties. *Industrial & Engineering Chemistry Research*, **2014**, 53, 13370-13382	3.9	189
548	Removal of C.I. Acid Orange 7 from aqueous solution by UV irradiation in the presence of ZnO nanopowder. *Journal of Hazardous Materials*, **2007**, 143, 95-101	12.8	189
547	Decolorization of C.I. Acid Yellow 23 solution by electrocoagulation process: investigation of operational parameters and evaluation of specific electrical energy consumption (SEEC). *Journal of Hazardous Materials*, **2007**, 148, 566-72	12.8	178

546	The evaluation of electrical energy per order (E(Eo)) for photooxidative decolorization of four textile dye solutions by the kinetic model. *Chemosphere*, **2005**, 59, 761-7	8.4	176
545	Application of response surface methodology for optimization of peroxi-coagulation of textile dye solution using carbon nanotube-PTFE cathode. *Journal of Hazardous Materials*, **2010**, 173, 544-51	12.8	175
544	Reductive removal of Cr(VI) by starch-stabilized Fe0 nanoparticles in aqueous solution. *Desalination*, **2011**, 270, 105-110	10.3	151
543	Synthesis and Characterization of Dysprosium-Doped ZnO Nanoparticles for Photocatalysis of a Textile Dye under Visible Light Irradiation. *Industrial & Engineering Chemistry Research*, **2014**, 53, 1924-1932	3.9	150
542	Application of response surface methodology for optimization of azo dye removal by oxalate catalyzed photoelectro-Fenton process using carbon nanotube-PTFE cathode. *Desalination*, **2010**, 258, 112-119	10.3	149
541	Photocatalytic degradation of gemifloxacin antibiotic using Zn-Co-LDH@biochar nanocomposite. *Journal of Hazardous Materials*, **2020**, 382, 121070	12.8	148
540	Effect of reduced graphene oxide/TiO2 nanocomposite with different molar ratios on the performance of PVDF ultrafiltration membranes. *Separation and Purification Technology*, **2015**, 140, 32-42	8.3	142
539	Biological treatment of a dye solution by Macroalgae Chara sp.: effect of operational parameters, intermediates identification and artificial neural network modeling. *Bioresource Technology*, **2010**, 101, 2252-8	11	142
538	Development of a novel high flux and fouling-resistant thin film composite nanofiltration membrane by embedding reduced graphene oxide/TiO2. *Separation and Purification Technology*, **2015**, 154, 96-107	8.3	138
537	Adsorption□desorption characteristics of nitrate, phosphate and sulfate on Mg□Al layered double hydroxide. *Applied Clay Science*, **2013**, 80-81, 305-312	5.2	136
536	Sonocatalytic degradation of ciprofloxacin using synthesized TiO nanoparticles on montmorillonite. *Ultrasonics Sonochemistry*, **2017**, 35, 251-262	8.9	136
535	Sonocatalytic activity of biochar-supported ZnO nanorods in degradation of gemifloxacin: Synergy study, effect of parameters and phytotoxicity evaluation. *Ultrasonics Sonochemistry*, **2019**, 55, 44-56	8.9	133
534	Sonocatalytic removal of an organic dye using TiO2/Montmorillonite nanocomposite. *Ultrasonics Sonochemistry*, **2015**, 22, 404-11	8.9	133
533	Peroxi-coagulation degradation of C.I. Basic Yellow 2 based on carbon-PTFE and carbon nanotube-PTFE electrodes as cathode. *Electrochimica Acta*, **2009**, 54, 6651-6660	6.7	132
532	Sonocatalytic degradation of a textile dye over Gd-doped ZnO nanoparticles synthesized through sonochemical process. *Ultrasonics Sonochemistry*, **2015**, 23, 219-30	8.9	131
531	The use of artificial neural networks (ANN) for modeling of decolorization of textile dye solution containing C. I. Basic Yellow 28 by electrocoagulation process. *Journal of Hazardous Materials*, **2006**, 137, 1788-95	12.8	131
530	A review on the applications of ultrasonic technology in membrane bioreactors. *Ultrasonics Sonochemistry*, **2019**, 58, 104633	8.9	130
529	Artificial neural networks modeling of contaminated water treatment processes by homogeneous and heterogeneous nanocatalysis. *Journal of Molecular Catalysis A*, **2010**, 331, 86-100		129

528	Preparation of bio-silica/chitosan nanocomposite for adsorption of a textile dye in aqueous solutions. *International Biodeterioration and Biodegradation*, **2013**, 85, 383-391	4.8	128
527	Electrochemical generation of H2O2 using immobilized carbon nanotubes on graphite electrode fed with air: Investigation of operational parameters. *Journal of Electroanalytical Chemistry*, **2011**, 659, 63-68	4.1	127
526	Photocatalytic Reduction of Hexavalent Chromium over ZnO Nanorods Immobilized on Kaolin. *Industrial & Engineering Chemistry Research*, **2014**, 53, 1079-1087	3.9	126
525	Photoelectro-Fenton combined with photocatalytic process for degradation of an azo dye using supported TiO2 nanoparticles and carbon nanotube cathode: Neural network modeling. *Electrochimica Acta*, **2010**, 55, 7259-7265	6.7	124
524	Photocatalytic degradation of ciprofloxacin by synthesized TiO2 nanoparticles on montmorillonite: Effect of operation parameters and artificial neural network modeling. *Journal of Molecular Catalysis A*, **2015**, 409, 149-161		122
523	In-situ electro-generation and activation of hydrogen peroxide using a CuFeNLDH-CNTs modified graphite cathode for degradation of cefazolin. *Journal of Environmental Management*, **2020**, 267, 110629	7.9	116
522	Biosorption of three textile dyes from contaminated water by filamentous green algal Spirogyra sp.: Kinetic, isotherm and thermodynamic studies. *International Biodeterioration and Biodegradation* , **2013**, 83, 33-40	4.8	116
521	Electrochemical treatment of dye solution containing C.I. Basic Yellow 2 by the peroxi-coagulation method and modeling of experimental results by artificial neural networks. *Journal of Electroanalytical Chemistry*, **2009**, 629, 117-125	4.1	115
520	Facile hydrothermal synthesis of novel Fe-Cu layered double hydroxide/biochar nanocomposite with enhanced sonocatalytic activity for degradation of cefazolin sodium. *Journal of Hazardous Materials*, **2020**, 381, 120742	12.8	114
519	Phytoremediation potential of duckweed (Lemna minor L.) in degradation of C.I. Acid Blue 92: artificial neural network modeling. *Ecotoxicology and Environmental Safety*, **2012**, 80, 291-8	7	109
518	Application of artificial neural networks for modeling of the treatment of wastewater contaminated with methyl tert-butyl ether (MTBE) by UV/H2O2 process. *Journal of Hazardous Materials*, **2005**, 125, 205-10	12.8	109
517	Cerium doped magnetite nanoparticles for highly sensitive detection of metronidazole via chemiluminescence assay. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 234, 118272	4.4	106
516	Photocatalytic process by immobilized carbon black/ZnO nanocomposite for dye removal from aqueous medium: Optimization by response surface methodology. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 1861-1868	6.3	102
515	Sonocatalytic degradation of an anthraquinone dye using TiO-biochar nanocomposite. *Ultrasonics Sonochemistry*, **2017**, 39, 120-128	8.9	99
514	Comparative photocatalytic degradation of two dyes on immobilized TiO2 nanoparticles: Effect of dye molecular structure and response surface approach. *Journal of Molecular Catalysis A*, **2010**, 333, 73-84		98
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512	Photocatalytic degradation of an anthraquinone dye on immobilized TiO2 nanoparticles in a rectangular reactor: Destruction pathway and response surface approach. *Desalination*, **2011**, 268, 126-133	10.3	96
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508	A thin film nanocomposite reverse osmosis membrane containing amine-functionalized carbon nanotubes. *Separation and Purification Technology*, **2017**, 184, 135-143	8.3	88
507	Photocatalytic ozonation of phenazopyridine using TiO2 nanoparticles coated on ceramic plates: mechanistic studies, degradation intermediates and ecotoxicological assessments. *Applied Catalysis A: General*, **2015**, 491, 136-154	5.1	86
506	Biosorption of three acid dyes by the brown macroalga Stoechospermum marginatum: Isotherm, kinetic and thermodynamic studies. *Chemical Engineering Journal*, **2012**, 195-196, 297-306	14.7	86
505	Combined heterogeneous and homogeneous photodegradation of a dye using immobilized TiO2 nanophotocatalyst and modified graphite electrode with carbon nanotubes. *Journal of Molecular Catalysis A*, **2012**, 363-364, 58-68		86
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503	A review on decontamination of arsenic-contained water by electrocoagulation: Reactor configurations and operating cost along with removal mechanisms. *Environmental Technology and Innovation*, **2020**, 17, 100519	7	86
502	Photocatalytic treatment of a dye solution using immobilized TiO2 nanoparticles combined with photoelectro-Fenton process: Optimization of operational parameters. *Journal of Electroanalytical Chemistry*, **2010**, 648, 143-150	4.1	85
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500	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. *Chemosphere*, **2021**, 132928	8.4	82
499	Photocatalytic removal of C.I. Basic Red 46 on immobilized TiO2 nanoparticles: artificial neural network modelling. *Environmental Technology (United Kingdom)*, **2009**, 30, 1155-68	2.6	79
498	Preparation of montmorillonite□alginate nanobiocomposite for adsorption of a textile dye in aqueous phase: Isotherm, kinetic and experimental design approaches. *Journal of Industrial and Engineering Chemistry*, **2015**, 21, 1197-1207	6.3	77
497	Heterogeneous sono-Fenton-like process using nanostructured pyrite prepared by Ar glow discharge plasma for treatment of a textile dye. *Ultrasonics Sonochemistry*, **2016**, 29, 213-25	8.9	75
496	Photooxidative decolorization of two organic dyes with different chemical structures by UV/H2O2 process: Experimental design. *Desalination*, **2011**, 270, 151-159	10.3	74
495	Application of response surface methodology in the optimization of photocatalytic removal of environmental pollutants using nanocatalysts. *Environmental Technology (United Kingdom)*, **2011**, 33, 1669-84	2.6	72
494	The adsorption characteristics of nitrate on Mg□e and Mg□Al layered double hydroxides in a simulated soil solution. *Applied Clay Science*, **2012**, 70, 28-36	5.2	71
493	Removal of the herbicide Bentazon from contaminated water in the presence of synthesized nanocrystalline TiO2 powders under irradiation of UV-C light. *Desalination*, **2009**, 249, 301-307	10.3	71

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491	Photodynamic N-TiO Nanoparticle Treatment Induces Controlled ROS-mediated Autophagy and Terminal Differentiation of Leukemia Cells. *Scientific Reports*, **2016**, 6, 34413	4.9	70
490	Removal of four dyes from aqueous medium by the peroxi-coagulation method using carbon nanotube/PTFE cathode and neural network modeling. *Journal of Electroanalytical Chemistry*, **2010**, 639, 167-174	4.1	70
489	Ultrasound-assisted removal of Acid Red 17 using nanosized FeO-loaded coffee waste hydrochar. *Ultrasonics Sonochemistry*, **2017**, 35, 72-80	8.9	69
488	Photocatalysis of a dye solution using immobilized ZnO nanoparticles combined with photoelectrochemical process. *Desalination*, **2011**, 273, 453-460	10.3	69
487	Preparation of natural pyrite nanoparticles by high energy planetary ball milling as a nanocatalyst for heterogeneous Fenton process. *Applied Surface Science*, **2015**, 327, 190-200	6.7	68
486	A novel selenium nanoparticles-enhanced chemiluminescence system for determination of dinitrobutylphenol. *Talanta*, **2013**, 107, 263-9	6.2	68
485	Sonochemical synthesis of WS nanosheets and its application in sonocatalytic removal of organic dyes from water solution. *Ultrasonics Sonochemistry*, **2018**, 48, 329-339	8.9	67
484	Simultaneous monitoring of photocatalysis of three pharmaceuticals by immobilized TiO2 nanoparticles: chemometric assessment, intermediates identification and ecotoxicological evaluation. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 112, 33-45	4.4	67
483	Detection of penicillin G residues in milk based on dual-emission carbon dots and molecularly imprinted polymers. *Food Chemistry*, **2020**, 314, 126172	8.5	67
482	Adsorption of a textile dye in aqueous phase using mesoporous activated carbon prepared from Iranian milk vetch. *Journal of the Taiwan Institute of Chemical Engineers*, **2014**, 45, 1783-1791	5.3	66
481	Preparation of magnetite nanoparticles by high-energy planetary ball mill and its application for ciprofloxacin degradation through heterogeneous Fenton process. *Journal of Environmental Management*, **2018**, 211, 53-62	7.9	63
480	Ultrasensitive chemiluminescent biosensor for the detection of cholesterol based on synergetic peroxidase-like activity of MoS and graphene quantum dots. *Talanta*, **2018**, 178, 992-1000	6.2	63
479	Europium-doped ZnO as a visible light responsive nanocatalyst: Sonochemical synthesis, characterization and response surface modeling of photocatalytic process. *Applied Catalysis A: General*, **2014**, 488, 160-170	5.1	63
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477	High flux and fouling resistant reverse osmosis membrane modified with plasma treated natural zeolite. *Desalination*, **2017**, 411, 89-100	10.3	62
476	Removal of Arsenic (III, V) from aqueous solution by nanoscale zero-valent iron stabilized with starch and carboxymethyl cellulose. *Journal of Environmental Health Science & Engineering*, **2014**, 12, 74	2.9	61
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474	A Chemiluminescent Method for the Detection of H□□ and Glucose Based on Intrinsic Peroxidase-Like Activity of WS□ Quantum Dots. *Molecules*, **2019**, 24,	4.8	60
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471	Removal of azo dye C.I. acid red 14 from contaminated water using Fenton, UV/H(2)O(2), UV/H(2)O(2)/Fe(II), UV/H(2)O(2)/Fe(III) and UV/H(2)O(2)/Fe(III)/oxalate processes: a comparative study. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2006**, 41, 315-28	2.3	60
470	Synthesis and sonocatalytic performance of a ternary magnetic MIL-101(Cr)/RGO/ZnFeO nanocomposite for degradation of dye pollutants. *Ultrasonics Sonochemistry*, **2018**, 42, 647-658	8.9	59
469	Effects of TiO nanoparticles on the aquatic plant Spirodela polyrrhiza: Evaluation of growth parameters, pigment contents and antioxidant enzyme activities. *Journal of Environmental Sciences*, **2018**, 64, 130-138	6.4	59
468	Sonocatalytic removal of naproxen by synthesized zinc oxide nanoparticles on montmorillonite. *Ultrasonics Sonochemistry*, **2016**, 31, 250-6	8.9	59
467	Modification of nanosized natural montmorillonite for ultrasound-enhanced adsorption of Acid Red 17. *Ultrasonics Sonochemistry*, **2016**, 31, 116-21	8.9	59
466	Kinetic modeling of photoassisted-electrochemical process for degradation of an azo dye using boron-doped diamond anode and cathode with carbon nanotubes. *Journal of Industrial and Engineering Chemistry*, **2013**, 19, 1890-1894	6.3	59
465	Heterogeneous sono-Fenton process using pyrite nanorods prepared by non-thermal plasma for degradation of an anthraquinone dye. *Ultrasonics Sonochemistry*, **2016**, 32, 357-370	8.9	59
464	Ultrasound-assisted degradation of organic dyes over magnetic CoFeO@ZnS core-shell nanocomposite. *Ultrasonics Sonochemistry*, **2017**, 37, 298-309	8.9	58
463	Ultrasound-assisted Fenton process using siderite nanoparticles prepared via planetary ball milling for removal of reactive yellow 81 in aqueous phase. *Ultrasonics Sonochemistry*, **2017**, 35, 210-218	8.9	58
462	Molecular dynamics simulation of trihalomethanes separation from water by functionalized nanoporous graphene under induced pressure. *Chemical Engineering Science*, **2015**, 127, 285-292	4.4	58
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460	Heterogeneous sono-Fenton-like process using martite nanocatalyst prepared by high energy planetary ball milling for treatment of a textile dye. *Ultrasonics Sonochemistry*, **2017**, 34, 389-399	8.9	57
459	Sonocatalytic degradation of Reactive Yellow 39 using synthesized ZrO nanoparticles on biochar. *Ultrasonics Sonochemistry*, **2017**, 39, 540-549	8.9	57
458	Degradation of diazinon pesticide using catalyzed persulfate with Fe3O4@MOF-2 nanocomposite under ultrasound irradiation. *Journal of Industrial and Engineering Chemistry*, **2019**, 77, 280-290	6.3	57
457	Systematic activation of potassium peroxydisulfate with ZIF-8 via sono-assisted catalytic process: Mechanism and ecotoxicological analysis. *Journal of Molecular Liquids*, **2020**, 308, 113018	6	57

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455	Optimization of biological treatment of a dye solution by macroalgae Cladophora sp. using response surface methodology. *Journal of the Taiwan Institute of Chemical Engineers*, **2011**, 42, 26-33	5.3	57
454	Sensitive biosensing of organophosphate pesticides using enzyme mimics of magnetic ZIF-8. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 209, 118-125	4.4	57
453	Photocatalytic degradation of the herbicide erioglaucine in the presence of nanosized titanium dioxide: comparison and modeling of reaction kinetics. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2006**, 41, 1273-90	2.2	56
452	Polyhydroxyalkanoates (PHA): From production to nanoarchitecture. *International Journal of Biological Macromolecules*, **2020**, 146, 596-619	7.9	56
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450	Preparation of novel CeO-biochar nanocomposite for sonocatalytic degradation of a textile dye. *Ultrasonics Sonochemistry*, **2018**, 41, 503-513	8.9	54
449	Photoelectro-Fenton/nanophotocatalysis decolorization of three textile dyes mixture: Response surface modeling and multivariate calibration procedure for simultaneous determination. *Journal of Electroanalytical Chemistry*, **2012**, 672, 53-62	4.1	54
448	Application of stabilized Fe0 nanoparticles for remediation of Cr(VI)-spiked soil. *European Journal of Soil Science*, **2012**, 63, 724-732	3.4	54
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446	Development of a novel high-flux PVDF-based ultrafiltration membrane by embedding Mg-Al nanolayered double hydroxide. *Journal of Industrial and Engineering Chemistry*, **2016**, 41, 23-32	6.3	53
445	Preparation of a novel □FeOOH-GAC nano composite for decolorization of textile wastewater by photo Fenton-like process in a continuous reactor. *Journal of Molecular Catalysis A*, **2014**, 392, 229-234		53
444	Development of kinetic models for photocatalytic ozonation of phenazopyridine on TiO2 nanoparticles thin film in a mixed semi-batch photoreactor. *Applied Catalysis B: Environmental*, **2016** , 184, 270-284	21.8	52
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442	Residence time distribution analysis and optimization of photocatalysis of phenazopyridine using immobilized TiO2 nanoparticles in a rectangular photoreactor. *Journal of Industrial and Engineering Chemistry*, **2013**, 19, 1525-1534	6.3	52
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440	Degradation of amoxicillin in aqueous solution using nanolepidocrocite chips/H2O2/UV: Optimization and kinetics studies. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 1772-1778	6.3	52
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438	A review on carbon-based materials for heterogeneous sonocatalysis: Fundamentals, properties and applications. *Ultrasonics Sonochemistry*, **2019**, 58, 104681	8.9	51
437	Dual-colored carbon dot encapsulated metal-organic framework for ratiometric detection of glutathione. *Sensors and Actuators B: Chemical*, **2019**, 297, 126775	8.5	51
436	Ultrasound-assisted synthesis of FeTiO3/GO nanocomposite for photocatalytic degradation of phenol under visible light irradiation. *Separation and Purification Technology*, **2021**, 261, 118274	8.3	51
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433	Iron rich laterite soil with mesoporous structure for heterogeneous Fenton-like degradation of an azo dye under visible light. *Journal of Industrial and Engineering Chemistry*, **2015**, 26, 129-135	6.3	50
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431	Encapsulated cholesterol oxidase in metal-organic framework and biomimetic Ag nanocluster decorated MoS2 nanosheets for sensitive detection of cholesterol. *Sensors and Actuators B: Chemical*, **2018**, 259, 402-410	8.5	49
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429	Sonophotocatalytic activities of FeCuMg and CrCuMg LDHs: Influencing factors, antibacterial effects, and intermediate determination. *Journal of Hazardous Materials*, **2020**, 399, 123062	12.8	48
428	Sonocatalytic performance of magnetically separable CuS/CoFeO nanohybrid for efficient degradation of organic dyes. *Ultrasonics Sonochemistry*, **2018**, 44, 359-367	8.9	48
427	Adsorption of a cationic dye from aqueous solution using Turkish lignite: Kinetic, isotherm, thermodynamic studies and neural network modeling. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 2615-2624	6.3	48
426	Photoassisted electrochemical recirculation system with boron-doped diamond anode and carbon nanotubes containing cathode for degradation of a model azo dye. *Electrochimica Acta*, **2013**, 88, 614-620	6.7	48
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424	Combination of air-dispersion cathode with sacrificial iron anode generating Fe2+Fe3+2O4 nanostructures to degrade paracetamol under ultrasonic irradiation. *Journal of Molecular Liquids*, **2019**, 284, 536-546	6	47
423	Decolorization of C.I. Basic Yellow 28 solution using supported ZnO nanoparticles coupled with photoelectro-Fenton process. *Journal of Electroanalytical Chemistry*, **2011**, 659, 107-112	4.1	47
422	Fabrication of ZnFe-layered double hydroxides with graphene oxide for efficient visible light photocatalytic performance. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 101, 186-203	5.3	46
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