

Jinyou Shen

List of Publications by Year in descending order

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papers

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times ranked

6926
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous high-concentration pyridine removal and denitrification in an electricity assisted bio-photodegradation system. <i>Chemical Engineering Journal</i> , 2022, 430, 132598.	12.7	18
2	Enhanced bio-photodegradation of p-chlorophenol by CdS/g-C ₃ N ₄ 3D semiconductor-microbe interfaces. <i>Science of the Total Environment</i> , 2022, 807, 151006.	8.0	22
3	Synthesis of magnetic hydrochar from Fenton sludge and sewage sludge for enhanced anaerobic decolorization of azo dye AO7. <i>Journal of Hazardous Materials</i> , 2022, 424, 127622.	12.4	15
4	Biomass-Induced Diphasic Carbon Decoration for Carbon Nitride: Band and Electronic Engineering Targeting Efficient N ₂ Photofixation. <i>Small</i> , 2022, 18, e2105217.	10.0	14
5	Novel strategy for membrane biofouling control in MBR with nano-MnO ₂ modified PVDF membrane by in-situ ozonation. <i>Science of the Total Environment</i> , 2022, 808, 151996.	8.0	14
6	Facile preparation of novel magnetic mesoporous Fe Mn binary oxides from Mn encapsulated carboxymethyl cellulose-Fe(III) hydrogel for antimony removal from water. <i>Science of the Total Environment</i> , 2022, 821, 153529.	8.0	16
7	Evaluation of N-methylpyrrolidone bio-mineralization mechanism and bacterial community evolution under denitrification environment. <i>Journal of Cleaner Production</i> , 2022, 343, 130945.	9.3	11
8	Efficient removal of Sb(III) from water using sulphidated ferrihydrite via tripuyite (FeSbO ₄) precipitation and complexation. <i>Journal of Environmental Management</i> , 2022, 309, 114675.	7.8	6
9	Ag-TiO ₂ /biofilm/nitrate interface enhanced visible light-assisted biodegradation of tetracycline: The key role of nitrate as the electron acceptor. <i>Water Research</i> , 2022, 215, 118212.	11.3	20
10	Enhanced 4-chlorophenol biodegradation by integrating Fe ₂ O ₃ nanoparticles into an anaerobic reactor: Long-term performance and underlying mechanism. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	3
11	Structural characteristics and microbial function of biofilm in membrane-aerated biofilm reactor for the biodegradation of volatile pyridine. <i>Journal of Hazardous Materials</i> , 2022, 437, 129370.	12.4	12
12	Electron pump strengthened facet engineering: Organic half-metallic C(CN) ₃ enclosed (100) facet exposed WO ₃ for efficient and selective photocatalytic nitrogen fixation. <i>Applied Catalysis B: Environmental</i> , 2022, 317, 121660.	20.2	7
13	Simultaneous removal of pyridine and denitrification in an integrated bioelectro-photocatalytic system utilizing N-doped graphene/±-Fe ₂ O ₃ modified photoanode. <i>Electrochimica Acta</i> , 2021, 366, 137425.	5.2	22
14	Recycle of Fenton sludge through one-step synthesis of aminated magnetic hydrochar for Pb ²⁺ removal from wastewater. <i>Journal of Hazardous Materials</i> , 2021, 406, 124581.	12.4	34
15	New insight into increased toxicity during ozonation of chlorophenol: The significant contribution of oxidizing intermediates. <i>Science of the Total Environment</i> , 2021, 769, 144569.	8.0	16
16	Electricity-stimulated anaerobic system (ESAS) for enhanced energy recovery and pollutant removal: A critical review. <i>Chemical Engineering Journal</i> , 2021, 411, 128548.	12.7	25
17	Biodirected Identification of Untargeted Toxicants in Industrial Wastewater Guides the Upgrading of Water Treatments. <i>Environmental Science and Technology Letters</i> , 2021, 8, 474-481.	8.7	10
18	Rapid sequestration of chelated Cr(III) by ferrihydrite: Adsorption and overall transformation of Cr(III) complexes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126819.	4.7	16

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19	Coupled biodegradation of p-nitrophenol and p-aminophenol in bioelectrochemical system: Mechanism and microbial functional diversity. <i>Journal of Environmental Sciences</i> , 2021, 108, 134-144.	6.1	19
20	Organic half-metal derived erythroid-like BiVO ₄ /hm-C ₄ N ₃ Z-Scheme photocatalyst: Reduction sites upgrading and rate-determining step modulation for overall CO ₂ and H ₂ O conversion. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120277.	20.2	47
21	Reductive potential from cathode electrode as an option for the achievement of short-cut nitrification in bioelectrochemical systems. <i>Bioresource Technology</i> , 2021, 338, 125553.	9.6	5
22	Green rust-deposited MoS ₂ composites for the enhanced sequestration of EDTA-chelated Cu(II) from an aqueous solution. <i>Journal of Molecular Liquids</i> , 2021, 341, 117300.	4.9	0
23	Low dose of sulfur-modified zero-valent iron for decontamination of trace Cd(II)-complexes in high-salinity wastewater. <i>Science of the Total Environment</i> , 2021, 793, 148579.	8.0	15
24	In-situ construction of 3D marigold-like CoAl-LDH/Ti ₃ C ₂ heterosystem collaborating with 2D/2D interface for efficient photodegradation of multiple antibiotics. <i>Applied Surface Science</i> , 2021, 569, 151084.	6.1	22
25	Accelerated anaerobic biodecolorization of sulfonated azo dyes by magnetite nanoparticles as potential electron transfer mediators. <i>Chemosphere</i> , 2021, 263, 128048.	8.2	13
26	Carbon black supported on a Mn-MIL-100 framework as high-efficiency electrocatalysts for nitrophenol reduction. <i>Journal of Electroanalytical Chemistry</i> , 2021, 903, 115824.	3.8	8
27	Development of a Microalgal (<i>Chlorella</i>)-Bacterial (<i>Paracoccus</i>) Symbiotic System for Pyridine Biodegradation under Photosynthetic Oxygenation. <i>ACS ES&T Water</i> , 2021, 1, 356-365.	4.6	10
28	Controlled synthesis of bimetallic Prussian blue analogues to activate peroxymonosulfate for efficient bisphenol A degradation. <i>Journal of Hazardous Materials</i> , 2020, 387, 121701.	12.4	51
29	In situ no-slot joint integration of half-metallic C(CN) ₃ cocatalyst into g-C ₃ N ₄ scaffold: An absolute metal-free in-plane heterosystem for efficient and selective photoconversion of CO ₂ into CO. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118470.	20.2	41
30	A novel acetogenic bacteria isolated from waste activated sludge and its potential application for enhancing anaerobic digestion performance. <i>Journal of Environmental Management</i> , 2020, 255, 109842.	7.8	11
31	Facilitated bio-mineralization of N,N-dimethylformamide in anoxic denitrification system: Long-term performance and biological mechanism. <i>Water Research</i> , 2020, 186, 116306.	11.3	60
32	Construction and application of a 1-liter upflow-stacked microbial desalination cell. <i>Chemosphere</i> , 2020, 248, 126028.	8.2	26
33	Design and Construction of Cross-Linked PEO with the Integration of Helical Polyurethane as an Advanced All-Solid-State Polymer Electrolyte for Lithium Batteries. <i>Journal of Chemical Education</i> , 2020, 97, 3758-3765.	2.3	11
34	BiVO ₄ /FeOOH semiconductor-microbe interface for enhanced visible-light-driven biodegradation of pyridine. <i>Water Research</i> , 2020, 187, 116464.	11.3	24
35	Efficient removal of tylosin by nitrogen-doped mesoporous carbon nanospheres with tunable pore sizes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30844-30852.	5.3	3
36	Rapid and reversible adsorption of radioactive iodide from wastewaters by green and low-cost palygorskite-based microspheres. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 303-313.	1.5	5

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37	Enhanced isophthalonitrile complexation-reduction removal using a novel anaerobic fluidized bed reactor in a bioelectrochemical system based on electric field activation (AFBR-EFA). <i>Bioresource Technology</i> , 2020, 306, 123115.	9.6	10
38	Inverse opal-like macroporous RuO ₂ electrodes for enhancing the mass transfer in electro-oxidation of tricyclazole. <i>Journal of Porous Materials</i> , 2020, 27, 1419-1430.	2.6	2
39	Removal of lead complexes by ferrous phosphate and iron phosphate: Unexpected favorable role of ferrous ions. <i>Journal of Hazardous Materials</i> , 2020, 392, 122509.	12.4	17
40	Functional Group-Dependent Screening of Organophosphate Esters (OPEs) and Discovery of an Abundant OPE Bis-(2-ethylhexyl)-phenyl Phosphate in Indoor Dust. <i>Environmental Science & Technology</i> , 2020, 54, 4455-4464.	10.0	66
41	Optimization of S/Fe ratio for enhanced nitrobenzene biological removal in anaerobic system amended with sulfide-modified nanoscale zerovalent iron. <i>Chemosphere</i> , 2020, 247, 125832.	8.2	23
42	Enhanced nitrobenzene reduction by modified biochar supported sulfidated nano zerovalent iron: Comparison of surface modification methods. <i>Science of the Total Environment</i> , 2019, 694, 133701.	8.0	52
43	Substantially enhanced anaerobic reduction of nitrobenzene by biochar stabilized sulfide-modified nanoscale zero-valent iron: Process and mechanisms. <i>Environment International</i> , 2019, 131, 105020.	10.0	59
44	Development of a 3D ordered macroporous RuO ₂ electrode for efficient pyrazole removal from water. <i>Chemosphere</i> , 2019, 237, 124471.	8.2	11
45	Co-processing of MSWI fly ash and copper smelting wastewater and the leaching behavior of the co-processing products in landfill leachate. <i>Waste Management</i> , 2019, 95, 628-635.	7.4	8
46	Nitrate stimulation of N-Methylpyrrolidone biodegradation by <i>Paracoccus pantotrophus</i> : Metabolite mechanism and Genomic characterization. <i>Bioresource Technology</i> , 2019, 294, 122185.	9.6	28
47	Efficient and rapid removal of EDTA-chelated Pb(II) by the Fe(III)/flue gas desulfurization gypsum (FGDG) system. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 379-386.	9.4	16
48	Urchin-like hierarchical CoZnAl-LDH/RGO/g-C ₃ N ₄ hybrid as a Z-scheme photocatalyst for efficient and selective CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2019, 255, 117771.	20.2	212
49	Prussian blue analogues-derived bimetallic iron-cobalt selenides for efficient overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 48-55.	9.4	52
50	Simultaneous debromination and mineralization of bromophenol in an up-flow electricity-stimulated anaerobic system. <i>Water Research</i> , 2019, 157, 8-18.	11.3	50
51	1H-1,2,4-Triazole biodegradation by newly isolated <i>Raoultella</i> sp.: A novel biodegradation pathway. <i>Bioresource Technology Reports</i> , 2019, 6, 63-69.	2.7	8
52	Enhanced Cr(VI) removal in the synergy between the hydroxyl-functionalized ball-milled ZVI/Fe ₃ O ₄ composite and Na ₂ EDTA complexation. <i>Chemical Engineering Journal</i> , 2019, 359, 874-881.	12.7	38
53	Organophosphate Ester, 2-Ethylhexyl Diphenyl Phosphate (EHDPP), Elicits Cytotoxic and Transcriptomic Effects in Chicken Embryonic Hepatocytes and Its Biotransformation Profile Compared to Humans. <i>Environmental Science & Technology</i> , 2019, 53, 2151-2160.	10.0	57
54	Use of a novel coupled-oxidation tubular reactor (COTR)/ NTP-DBD catalytic plasma in a synergistic electro-catalysis system for odorous mercaptans degradation. <i>Chemosphere</i> , 2019, 216, 533-544.	8.2	13

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55	Singlet oxygen-dominated non-radical oxidation process for efficient degradation of bisphenol A under high salinity condition. <i>Water Research</i> , 2019, 148, 416-424.	11.3	691
56	Co-metabolic enhancement of 1H-1,2,4-triazole biodegradation through nitrification. <i>Bioresource Technology</i> , 2019, 271, 236-243.	9.6	29
57	Development of a novel recycling system for waste cathode ray tube funnel glass based on the integration of nanoscale FeO with ball milling. <i>Waste Management</i> , 2018, 76, 679-686.	7.4	5
58	Preparation of mesoporous crack-free Sb-SnO ₂ xerogels through ambient-pressure drying and its application as three-dimensional electrode. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 86, 479-492.	2.4	4
59	Metal-Organic Framework-Derived Hollow Carbon Nanocubes for Fast Solid-Phase Microextraction of Polycyclic Aromatic Hydrocarbons. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15051-15057.	8.0	50
60	Synthesis of Cu ₂ O@CuFe ₂ O ₄ microparticles from Fenton sludge and its application in the Fenton process: the key role of Cu ₂ O in the catalytic degradation of phenol. <i>RSC Advances</i> , 2018, 8, 5740-5748.	3.6	67
61	Interfacial growth of metal-organic framework membranes on porous polymers via phase transformation. <i>Chemical Communications</i> , 2018, 54, 3590-3593.	4.1	28
62	Convenient synthesis and engineering of ultrafine Co ₃ O ₄ -incorporated carbon composite: towards practical application of environmental remediation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3454-3461.	10.3	70
63	Coaggregation mechanism of pyridine-degrading strains for the acceleration of the aerobic granulation process. <i>Chemical Engineering Journal</i> , 2018, 338, 176-183.	12.7	49
64	Developing new adsorptive membrane by modification of support layer with iron oxide microspheres for arsenic removal. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 760-768.	9.4	75
65	Microbial degradation mechanism of pyridine by <i>Paracoccus</i> sp. NJUST30 newly isolated from aerobic granules. <i>Chemical Engineering Journal</i> , 2018, 344, 86-94.	12.7	86
66	A novel approach for recovery of metals from waste printed circuit boards and simultaneous removal of iron from steel pickling waste liquor by two-step hydrometallurgical method. <i>Waste Management</i> , 2018, 71, 411-419.	7.4	31
67	Simultaneous pyridine biodegradation and nitrogen removal in an aerobic granular system. <i>Journal of Environmental Sciences</i> , 2018, 67, 318-329.	6.1	28
68	Electrospun mulberry-like hierarchical carbon fiber web for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 713-721.	9.4	33
69	Substantial enhancement of anaerobic pyridine bio-mineralization by electrical stimulation. <i>Water Research</i> , 2018, 130, 291-299.	11.3	101
70	Enhanced heterogeneous Fenton-like systems based on highly dispersed FeO-Fe ₂ O ₃ nanoparticles embedded ordered mesoporous carbon composite catalyst. <i>Environmental Pollution</i> , 2018, 243, 1068-1077.	7.5	43
71	Promotion of Para-Chlorophenol Reduction and Extracellular Electron Transfer in an Anaerobic System at the Presence of Iron-Oxides. <i>Frontiers in Microbiology</i> , 2018, 9, 2052.	3.5	17
72	Bioaugmentation strategy for the treatment of fungicide wastewater by two triazole-degrading strains. <i>Chemical Engineering Journal</i> , 2018, 349, 17-24.	12.7	36

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73	Metal-organic framework derived $\text{Co}_3\text{O}_4/\text{C}@\text{SiO}_2$ shell nanoreactors with enhanced catalytic performance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 11226-11235.	10.3	153
74	Bioaugmentation potential of a newly isolated strain <i>Sphingomonas</i> sp. NJUST37 for the treatment of wastewater containing highly toxic and recalcitrant tricyclazole. <i>Bioresource Technology</i> , 2018, 264, 98-105.	9.6	44
75	In Situ Growth of ZIF-8 on PAN Fibrous Filters for Highly Efficient U(VI) Removal. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24164-24171.	8.0	175
76	Enhanced anoxic biodegradation of pyridine coupled to nitrification in an inner loop anoxic/oxic-dynamic membrane bioreactor (A/O-DMBR). <i>Bioresource Technology</i> , 2018, 267, 626-633.	9.6	42
77	Biochar supported sulfide-modified nanoscale zero-valent iron for the reduction of nitrobenzene. <i>RSC Advances</i> , 2018, 8, 22161-22168.	3.6	68
78	Electrochemical treatment of flutriafol wastewater using a novel 3D macroporous PbO_2 filter: Operating parameters, mechanism and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2018, 358, 187-197.	12.4	49
79	Reuse of Fenton sludge as an iron source for NiFe_2O_4 synthesis and its application in the Fenton-based process. <i>Journal of Environmental Sciences</i> , 2017, 53, 1-8.	6.1	68
80	Advanced treatment of triazole fungicides discharged water in pilot scale by integrated system: Enhanced electrochemical oxidation, upflow biological aerated filter and electro dialysis. <i>Chemical Engineering Journal</i> , 2017, 315, 335-344.	12.7	40
81	Nanostructured CoP: An efficient catalyst for degradation of organic pollutants by activating peroxy monosulfate. <i>Journal of Hazardous Materials</i> , 2017, 329, 92-101.	12.4	141
82	The key role of biogenic manganese oxides in enhanced removal of highly recalcitrant 1,2,4-triazole from bio-treated chemical industrial wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10570-10583.	5.3	12
83	In-situ incorporation of iron-copper bimetallic particles in electrospun carbon nanofibers as an efficient Fenton catalyst. <i>Applied Catalysis B: Environmental</i> , 2017, 207, 316-325.	20.2	128
84	Electrospun ZIF-based hierarchical carbon fiber as an efficient electrocatalyst for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1211-1220.	10.3	161
85	The effect of Mg^{2+} on digestion performance and microbial community structures in sludge digestion systems. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17474-17484.	5.3	6
86	Fabrication of polypyrrole/ MnO_2 modified graphite felt anode for enhancing recalcitrant phenol degradation in a bioelectrochemical system. <i>Electrochimica Acta</i> , 2017, 244, 119-128.	5.2	45
87	Ordered mesoporous silica film as a novel fiber coating for solid-phase microextraction. <i>Talanta</i> , 2017, 174, 307-313.	5.5	16
88	Aerobic granulation accelerated by biochar for the treatment of refractory wastewater. <i>Chemical Engineering Journal</i> , 2017, 314, 88-97.	12.7	77
89	Bioaugmentation of a continuous-flow self-forming dynamic membrane bioreactor for the treatment of wastewater containing high-strength pyridine. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3437-3447.	5.3	25
90	Hollow mesoporous carbon spheres-based fiber coating for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2017, 1520, 58-64.	3.7	20

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91	Nanosized amine-rich spheres embedded polymeric beads for Cr (VI) removal. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 369-377.	9.4	11
92	Synthesis of hollow anatase nanospheres with excellent adsorption and photocatalytic performances. <i>RSC Advances</i> , 2017, 7, 41399-41402.	3.6	0
93	Deep-Eutectic Solvents Derived Nitrogen-Doped Graphitic Carbon as a Superior Electrocatalyst for Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32737-32744.	8.0	35
94	Metal-organic framework one-dimensional fibers as efficient catalysts for activating peroxydisulfate. <i>Chemical Engineering Journal</i> , 2017, 330, 262-271.	12.7	149
95	Preparation and characterization of a TiO ₂ -NT/SnO ₂ @Sb tubular porous electrode with long service lifetime for wastewater treatment process. <i>RSC Advances</i> , 2017, 7, 37806-37814.	3.6	29
96	Pesticide tailwater deeply treated by tubular porous electrode reactor (TPER): Purpose for discharging and cost saving. <i>Chemosphere</i> , 2017, 185, 86-93.	8.2	16
97	Nitrogen-Doped Hollow Mesoporous Carbon Spheres for Efficient Water Desalination by Capacitive Deionization. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6635-6644.	6.7	157
98	Iron-tannin-framework complex modified PES ultrafiltration membranes with enhanced filtration performance and fouling resistance. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 642-652.	9.4	67
99	Density functional theoretical studies on effect of intramolecular hydrogen bonds on reduction of nitrophenols. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 785-793.	2.6	5
100	Controllable synthesis of N-doped hollow-structured mesoporous carbon spheres by an amine-induced Stober-silica/carbon assembly process. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11916-11923.	10.3	50
101	Biodegradation mechanism of 1H-1,2,4-triazole by a newly isolated strain <i>Shinella</i> sp. NJUST26. <i>Scientific Reports</i> , 2016, 6, 29675.	3.3	24
102	Synthesis of N-Doped Hollow-Structured Mesoporous Carbon Nanospheres for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7194-7204.	8.0	190
103	Electrochemical degradation of pyridine by Ti/SnO ₂ @Sb tubular porous electrode. <i>Chemosphere</i> , 2016, 149, 49-56.	8.2	136
104	Coupling of iron shavings into the anaerobic system for enhanced 2,4-dinitroanisole reduction in wastewater. <i>Water Research</i> , 2016, 101, 457-466.	11.3	63
105	Enhancing anaerobic digestion of waste activated sludge by the combined use of NaOH and Mg(OH) ₂ : Performance evaluation and mechanism study. <i>Bioresource Technology</i> , 2016, 220, 601-608.	9.6	28
106	Preparation of MnO _x -loaded biochar for Pb ²⁺ removal: Adsorption performance and possible mechanism. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 66, 313-320.	5.3	75
107	Electrochemical treatment of anticancer drugs wastewater containing 5-Fluoro-2-Methoxypyrimidine using a tubular porous electrode electrocatalytic reactor. <i>Electrochimica Acta</i> , 2016, 220, 211-221.	5.2	33
108	Comprehensive comparison of bacterial communities in a membrane-free bioelectrochemical system for removing different mononitrophenols from wastewater. <i>Bioresource Technology</i> , 2016, 216, 645-652.	9.6	44

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109	Iron-copper bimetallic nanoparticles supported on hollow mesoporous silica spheres: the effect of Fe/Cu ratio on heterogeneous Fenton degradation of a dye. RSC Advances, 2016, 6, 54623-54635.	3.6	69
110	Enhanced bioelectrochemical reduction of p-nitrophenols in the cathode of self-driven microbial fuel cells. RSC Advances, 2016, 6, 29072-29079.	3.6	18
111	Efficient nitro reduction and dechlorination of 2,4-dinitrochlorobenzene through the integration of bioelectrochemical system into upflow anaerobic sludge blanket: A comprehensive study. Water Research, 2016, 88, 257-265.	11.3	102
112	Improved electrochemical oxidation of tricyclazole from aqueous solution by enhancing mass transfer in a tubular porous electrode electrocatalytic reactor. Electrochimica Acta, 2016, 189, 1-8.	5.2	83
113	Hydrolysis and acidification of waste activated sludge enhanced by zero valent iron-acid pretreatment: effect of pH. Desalination and Water Treatment, 2016, 57, 12099-12107.	1.0	7
114	Role of surfactants on the hydrolysis and acidogenesis of waste-activated sludge. Desalination and Water Treatment, 2016, 57, 16336-16345.	1.0	11
115	Enhanced reductive transformation of 2,4-dinitroanisole in a anaerobic system: the key role of zero valent iron. RSC Advances, 2015, 5, 75195-75203.	3.6	17
116	Fouling behavior of polyethersulfone ultrafiltration membranes functionalized with sol-gel formed ZnO nanoparticles. RSC Advances, 2015, 5, 50711-50719.	3.6	50
117	Synthesis of Ag@SiO ₂ yolk-shell nanoparticles for hydrogen peroxide detection. RSC Advances, 2015, 5, 17372-17378.	3.6	17
118	Hydrolysis and volatile fatty acids accumulation of waste activated sludge enhanced by the combined use of nitrite and alkaline pH. Environmental Science and Pollution Research, 2015, 22, 18793-18800.	5.3	15
119	Selective removal of nitroaromatic compounds from wastewater in an integrated zero valent iron (ZVI) reduction and ZVI/H ₂ O ₂ oxidation process. RSC Advances, 2015, 5, 57444-57452.	3.6	18
120	Aerobic granulation strategy for bioaugmentation of a sequencing batch reactor (SBR) treating high strength pyridine wastewater. Journal of Hazardous Materials, 2015, 295, 153-160.	12.4	64
121	Enhanced pyridine biodegradation under anoxic condition: The key role of nitrate as the electron acceptor. Chemical Engineering Journal, 2015, 277, 140-149.	12.7	61
122	Enhanced p-nitrophenol removal in a membrane-free bio-contact coupled bioelectrochemical system. RSC Advances, 2015, 5, 27052-27059.	3.6	9
123	Controllable Synthesis of Functional Hollow Carbon Nanostructures with Dopamine As Precursor for Supercapacitors. ACS Applied Materials & Interfaces, 2015, 7, 18609-18617.	8.0	144
124	Ordered mesoporous carbon film as an effective solid-phase microextraction coating for determination of benzene series from aqueous media. Analytica Chimica Acta, 2015, 888, 85-93.	5.4	19
125	Characteristics of pyridine biodegradation by a novel bacterial strain, <i>Rhizobium</i> sp. NJUST18. Desalination and Water Treatment, 2015, 53, 2005-2013.	1.0	25
126	Kinetics study of pyridine biodegradation by a novel bacterial strain, <i>Rhizobium</i> sp. NJUST18. Bioprocess and Biosystems Engineering, 2014, 37, 1185-1192.	3.4	21

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127	Fabrication of ordered mesoporous carbon hollow fiber membranes via a confined soft templating approach. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4144-4149.	10.3	22
128	Yolk-shell Fe ⁰ @SiO ₂ Nanoparticles as Nanoreactors for Fenton-like Catalytic Reaction. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13167-13173.	8.0	95
129	Coupling of a bioelectrochemical system for p-nitrophenol removal in an upflow anaerobic sludge blanket reactor. <i>Water Research</i> , 2014, 67, 11-18.	11.3	85
130	Removal of phosphate from wastewater using alkaline residue. <i>Journal of Environmental Sciences</i> , 2014, 26, 970-980.	6.1	47
131	Conversion of waste FGD gypsum into hydroxyapatite for removal of Pb ²⁺ and Cd ²⁺ from wastewater. <i>Journal of Colloid and Interface Science</i> , 2014, 429, 68-76.	9.4	61
132	Pretreatment of 2,4-dinitroanisole (DNAN) producing wastewater using a combined zero-valent iron (ZVI) reduction and Fenton oxidation process. <i>Journal of Hazardous Materials</i> , 2013, 260, 993-1000.	12.4	57
133	Role of molecular structure on bioelectrochemical reduction of mononitrophenols from wastewater. <i>Water Research</i> , 2013, 47, 5511-5519.	11.3	42
134	Reductive transformation and detoxification mechanism of 2,4-dinitrochlorobenzene in combined zero valent iron and anaerobic-aerobic process. <i>Journal of Environmental Sciences</i> , 2012, 24, 1900-1907.	6.1	11
135	Bioelectrochemical system for recalcitrant p-nitrophenol removal. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 516-519.	12.4	45
136	Biodegradation of 2,4,6-trinitrophenol by <i>Rhodococcus</i> sp. isolated from a picric acid-contaminated soil. <i>Journal of Hazardous Materials</i> , 2009, 163, 1199-1206.	12.4	141
137	Biodegradation kinetics of picric acid by <i>Rhodococcus</i> sp. NJUST16 in batch reactors. <i>Journal of Hazardous Materials</i> , 2009, 167, 193-198.	12.4	40
138	Biological denitrification of high-nitrate wastewater in a modified anoxic/oxic-membrane bioreactor (A/O-MBR). <i>Journal of Hazardous Materials</i> , 2009, 172, 595-600.	12.4	73
139	Biodegradation of 2,4,6-trinitrophenol (picric acid) in a biological aerated filter (BAF). <i>Bioresource Technology</i> , 2009, 100, 1922-1930.	9.6	74