

Zhi Dang

List of Publications by Year in descending order

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283
papers

9,890
citations

34105

52
h-index

76900

74
g-index

284
all docs

284
docs citations

284
times ranked

8862
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental contamination and human exposure of polychlorinated biphenyls (PCBs) in China: A review. <i>Science of the Total Environment</i> , 2022, 805, 150270.	8.0	65
2	Synergistic removal of Cr(VI) by S-nZVI and organic acids: The enhanced electron selectivity and pH-dependent promotion mechanisms. <i>Journal of Hazardous Materials</i> , 2022, 423, 127240.	12.4	43
3	Inhibition of organosilane/ATP@HQ self-healing passivator for pyrite oxidation. <i>Chemosphere</i> , 2022, 287, 132342.	8.2	5
4	Rapid and efficient reduction of chromate by novel Pd/Fe@biomass derived from <i>Enterococcus faecalis</i> . <i>Environmental Research</i> , 2022, 204, 112005.	7.5	9
5	Twelve natural estrogens in urines of swine and cattle: Concentration profiles and importance of eight less-studied. <i>Science of the Total Environment</i> , 2022, 803, 150042.	8.0	17
6	A collaborative strategy for elevated reduction and immobilization of Cr(VI) using nano zero valent iron assisted by schwertmannite: Removal performance and mechanism. <i>Journal of Hazardous Materials</i> , 2022, 422, 126952.	12.4	24
7	Stability properties of natural estrogen conjugates in different aqueous samples at room temperature and tips for sample storage. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24589-24598.	5.3	5
8	Efficient recovery of rare earth elements from discarded NdFeB magnets by mechanical activation coupled with acid leaching. <i>Environmental Science and Pollution Research</i> , 2022, 29, 25532-25543.	5.3	11
9	Degradation of organophosphorus flame retardants in heterogeneous photo-Fenton system driven by Fe(III)-based metal organic framework: Intermediates and their potential interference on bacterial metabolism. <i>Chemosphere</i> , 2022, 291, 133072.	8.2	14
10	Amino-functionalized MIL-88B as heterogeneous photo-Fenton catalysts for enhancing tris-(2-chloroisopropyl) phosphate (TCPP) degradation: Dual excitation pathways accelerate the conversion of Fe(III) to Fe(II) under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2022, 425, 127782.	12.4	24
11	Degradation of tris(2-chloroethyl) phosphate (TCEP) by thermally activated persulfate: Combination of experimental and theoretical study. <i>Science of the Total Environment</i> , 2022, 809, 152185.	8.0	15
12	17 β -ethynylestradiol and its two main conjugates in seven municipal wastewater treatment plants: Analytical method, their occurrence, removal and risk evaluation. <i>Science of the Total Environment</i> , 2022, 812, 152489.	8.0	16
13	Effects of medical waste incineration fly ash on the promotion of heavy metal chlorination volatilization from incineration residues. <i>Journal of Hazardous Materials</i> , 2022, 425, 128037.	12.4	32
14	Mechanistic insights into the environmental fate of tetracycline affected by ferrihydrite: Adsorption versus degradation. <i>Science of the Total Environment</i> , 2022, 811, 152283.	8.0	20
15	Sulfite may disrupt estrogen homeostasis in human via inhibition of steroid arylsulfatase. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19913.	5.3	2
16	Occurrence, spatial distribution, and main source identification of ten bisphenol analogues in the dry season of the Pearl River, South China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 27352-27365.	5.3	20
17	Coupled Sorption and Oxidation of Soil Dissolved Organic Matter on Manganese Oxides: Nano/Sub-nanoscale Distribution and Molecular Transformation. <i>Environmental Science & Technology</i> , 2022, 56, 2783-2793.	10.0	34
18	Molecular-scale study of Cr(VI) adsorption onto lepidocrocite facets by EXAFS, in situ ATR-FTIR, theoretical frequency calculations and DFT+U techniques. <i>Environmental Science: Nano</i> , 2022, 9, 568-581.	4.3	6

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19	Assessing environmental fate of hexavalent chromium as influenced by fractionation of ferrihydrite with dissolved organic matter. <i>Journal of Environmental Management</i> , 2022, 306, 114489.	7.8	5
20	MgO-loaded nitrogen and phosphorus self-doped biochar: High-efficient adsorption of aquatic Cu ²⁺ , Cd ²⁺ , and Pb ²⁺ and its remediation efficiency on heavy metal contaminated soil. <i>Chemosphere</i> , 2022, 294, 133733.	8.2	66
21	Investigation of the Interactions Occurring Between Cr(VI) and Citric Acid-Schwertmannite Composites: A Macroscopic and In Situ ATR-FTIR Study. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 391-402.	2.7	5
22	Reduction of acid mine drainage by passivation of pyrite surfaces: A review. <i>Science of the Total Environment</i> , 2022, 832, 155116.	8.0	26
23	Activity measurement of arylsulfatase and β -glucuronidase in activated sludge: HPLC-based versus classical spectrophotometric method. <i>Water Environment Research</i> , 2022, 94, e10704.	2.7	3
24	Effect of polystyrene microplastics on the degradation of sulfamethazine: The role of persistent free radicals. <i>Science of the Total Environment</i> , 2022, 833, 155024.	8.0	19
25	17 β -Estradiol, an ignored endogenous natural estrogen in human: Updated estrogen metabolism pathways and its environmental risk analysis. <i>Science of the Total Environment</i> , 2022, 829, 154693.	8.0	6
26	Spatial and temporal variations of metal fractions in paddy soil flooding with acid mine drainage. <i>Environmental Research</i> , 2022, 212, 113241.	7.5	8
27	Efficient removal of organophosphate esters by ligand functionalized MIL-101 (Fe): Modulated adsorption and DFT calculations. <i>Chemosphere</i> , 2022, 302, 134881.	8.2	21
28	Twelve natural estrogens in urines of six threatened or endangered mammalian species in Zoo Park: implications and their potential risk. <i>Environmental Science and Pollution Research</i> , 2022, 29, 49404-49410.	5.3	5
29	Influence of protein configuration on aggregation kinetics of nanoplastics in aquatic environment. <i>Water Research</i> , 2022, 219, 118522.	11.3	16
30	Discrepancy strategies of sediment abundant and rare microbial communities in response to floating microplastic disturbances: Study using a microcosmic experiment. <i>Science of the Total Environment</i> , 2022, 835, 155346.	8.0	22
31	Tetracycline-Induced Release and Oxidation of As(III) Coupled with Concomitant Ferrihydrite Transformation. <i>Environmental Science & Technology</i> , 2022, 56, 9453-9462.	10.0	12
32	Memory effect induced the enhancement of uranium (VI) immobilization on low-cost MgAl-double oxide: Mechanism insight and resources recovery. <i>Journal of Hazardous Materials</i> , 2021, 401, 123447.	12.4	49
33	Immobilized Co ²⁺ and Cu ²⁺ induced structural change of layered double hydroxide for efficient heterogeneous degradation of antibiotic. <i>Journal of Hazardous Materials</i> , 2021, 403, 123554.	12.4	20
34	A novel strategy for harmlessness and reduction of copper smelting slags by alkali disaggregation of fayalite (Fe ₂ SiO ₄) coupling with acid leaching. <i>Journal of Hazardous Materials</i> , 2021, 402, 123791.	12.4	37
35	Making waves: Improving removal performance of conventional wastewater treatment plants on endocrine disrupting compounds (EDCs): their conjugates matter. <i>Water Research</i> , 2021, 188, 116469.	11.3	46
36	Enhanced removal of zinc and cadmium from water using carboxymethyl cellulose-bridged chlorapatite nanoparticles. <i>Chemosphere</i> , 2021, 263, 128038.	8.2	14

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37	Differential regulation and the underlying mechanisms of clay minerals to Escherichia coli under the stress of polymyxin B: Comparing halloysite with kaolinite. <i>Chemosphere</i> , 2021, 265, 129095.	8.2	5
38	Mobilization of arsenic during reductive dissolution of As(V)-bearing jarosite by a sulfate reducing bacterium. <i>Journal of Hazardous Materials</i> , 2021, 402, 123717.	12.4	12
39	Simultaneous immobilization of multi-metals in a field contaminated acidic soil using carboxymethyl-cellulose-bridged nano-chlorapatite and calcium oxide. <i>Journal of Hazardous Materials</i> , 2021, 407, 124786.	12.4	18
40	Simultaneous adsorption of Cd ²⁺ and photocatalytic degradation of tris-(2-chloroisopropyl) phosphate (TCPP) by mesoporous TiO ₂ . <i>Chemosphere</i> , 2021, 267, 129238.	8.2	9
41	Photochemical reactivity of nitrogen-doped biochars under simulated sunlight irradiation: Generation of singlet oxygen. <i>Journal of Hazardous Materials</i> , 2021, 410, 124547.	12.4	10
42	Arsenic detoxification by iron-manganese nodules under electrochemically controlled redox: Mechanism and application. <i>Journal of Hazardous Materials</i> , 2021, 403, 123912.	12.4	19
43	Soil rehabilitation shaped different patterns of bacterial and archaeal community in AMD-irrigated paddy soil. <i>Chemosphere</i> , 2021, 263, 128259.	8.2	9
44	Transcriptome profiling of <i>Pseudomonas aeruginosa</i> YH reveals mechanisms of 2, 2,4,4-tetrabrominated diphenyl ether tolerance and biotransformation. <i>Journal of Hazardous Materials</i> , 2021, 403, 124038.	12.4	18
45	Inhibition of pyrite oxidation using PropS-SH/sepiolite composite coatings for the source control of acid mine drainage. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11090-11105.	5.3	22
46	Sulfate-reducing bacterial community shifts in response to acid mine drainage in the sediment of the Hengshi watershed, South China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2822-2834.	5.3	20
47	Adsorption of Organic Compounds by Biomass Chars: Direct Role of Aromatic Condensation (Ring) Technology, 2021, 55, 1594-1603.	10.0	16
48	Contribution of nitrogen configurations to the adsorption of Cd in nitrogen-enriched biochar. <i>New Journal of Chemistry</i> , 2021, 45, 12669-12677.	2.8	5
49	Oxygen vacancy-induced donor-acceptor-conjugated microporous poly(triphenylamine-benzothiadiazole)/TiO ₂ as a Z-scheme heterojunction photocatalyst towards a visible-light-driven degradation of bisphenol A. <i>Catalysis Science and Technology</i> , 2021, 11, 1862-1873.	4.1	4
50	Decontamination of dense nonaqueous-phase liquids in groundwater using pump-and-treat and in situ chemical oxidation processes: a field test. <i>RSC Advances</i> , 2021, 11, 4237-4246.	3.6	6
51	Rapid and efficient removal of Cr(VI) by a core-shell magnetic mesoporous polydopamine nanocomposite: roles of the mesoporous structure and redox-active functional groups. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13306-13319.	10.3	61
52	Legislation against endocrine-disrupting compounds in drinking water: essential but not enough to ensure water safety. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19505-19510.	5.3	20
53	Inhibition Properties of Arylsulfatase and β-Glucuronidase by Hydrogen Peroxide, Hypochlorite, and Peracetic Acid. <i>ACS Omega</i> , 2021, 6, 8163-8170.	3.5	5
54	Possible overestimation of bisphenol analogues in municipal wastewater analyzed with GC-MS. <i>Environmental Pollution</i> , 2021, 273, 116505.	7.5	18

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55	Microbial reduction of As(V)-loaded Schwertmannite by <i>Desulfosporosinus meridiei</i> . <i>Science of the Total Environment</i> , 2021, 764, 144279.	8.0	12
56	Arsenic Partitioning during Schwertmannite Dissolution and Recrystallization in the Presence of Fe(II) and Oxalic Acid. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1058-1070.	2.7	10
57	Bacterial communities and functional genes stimulated during phenanthrene degradation in soil by bio-microcapsules. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111970.	6.0	21
58	Occurrence and removal of 17 β -ethynylestradiol (EE2) in municipal wastewater treatment plants: Current status and challenges. <i>Chemosphere</i> , 2021, 271, 129551.	8.2	49
59	The influence mechanism of dissolved organic matter on the adsorption of Cd (II) by calcite. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37120-37129.	5.3	9
60	Phenanthrene degradation in soil using biochar hybrid modified bio-microcapsules: Determining the mechanism of action via comparative metagenomic analysis. <i>Science of the Total Environment</i> , 2021, 775, 145798.	8.0	17
61	Evaluation of three common alkaline agents for immobilization of multi-metals in a field-contaminated acidic soil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60765-60777.	5.3	3
62	Removal of heavy metal ions and polybrominated biphenyl ethers by sulfurized nanoscale zerovalent iron: Compound effects and removal mechanism. <i>Journal of Hazardous Materials</i> , 2021, 414, 125555.	12.4	27
63	Far-Less Studied Natural Estrogens as Ignored Emerging Contaminants in Surface Water: Insights from Their Occurrence in the Pearl River, South China. <i>ACS ES&T Water</i> , 2021, 1, 1776-1784.	4.6	11
64	Influence of the co-exposure of microplastics and tetrabromobisphenol A on human gut: Simulation in vitro with human cell Caco-2 and gut microbiota. <i>Science of the Total Environment</i> , 2021, 778, 146264.	8.0	54
65	Mechanisms of Cr(VI) adsorption on schwertmannite under environmental disturbance: Changes in surface complex structures. <i>Journal of Hazardous Materials</i> , 2021, 416, 125781.	12.4	13
66	Self-Activated Ni Cathode for Electrocatalytic Nitrate Reduction to Ammonia: From Fundamentals to Scale-Up for Treatment of Industrial Wastewater. <i>Environmental Science & Technology</i> , 2021, 55, 13231-13243.	10.0	16
67	Effects of ferric ion on the photo-treatment of nonionic surfactant Brij35 washing waste containing 2,2,4,4-tetrabromodiphenyl ether. <i>Journal of Hazardous Materials</i> , 2021, 415, 125572.	12.4	9
68	Effects of methanol on the performance of a novel BDE-47 degrading bacterial consortium QY2 in the co-metabolism process. <i>Journal of Hazardous Materials</i> , 2021, 415, 125698.	12.4	21
69	A review of 17 β -ethynylestradiol (EE2) in surface water across 32 countries: Sources, concentrations, and potential estrogenic effects. <i>Journal of Environmental Management</i> , 2021, 292, 112804.	7.8	52
70	Sulfate migration and transformation characteristics in paddy soil profile affected by acid mine drainage. <i>Environmental Research</i> , 2021, 200, 111732.	7.5	6
71	Enhanced bioremediation of 2,3,4,5-pentachlorodiphenyl by consortium CYB1 immobilized on sodium alginate-biochar. <i>Science of the Total Environment</i> , 2021, 788, 147774.	8.0	38
72	Improved extraction of acid-insoluble monosulfide minerals by stannous chloride reduction and its application to the separation of mono- and disulfide minerals in the presence of ferric iron. <i>Science of the Total Environment</i> , 2021, 785, 147367.	8.0	2

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73	Enhanced Single and Simultaneous As(III) Adsorption in Pearl River Delta Water by Hexylamine Functionalized Vermiculite. <i>Water (Switzerland)</i> , 2021, 13, 2412.	2.7	4
74	Efficient peroxydisulfate activation with nZVI/CuO@BC nanocomposite derived from wastes for degradation of tetrabromobisphenol A in alkaline environment. <i>Journal of Hazardous Materials</i> , 2021, 417, 126029.	12.4	28
75	Co-metabolic and biochar-promoted biodegradation of mixed PAHs by highly efficient microbial consortium QY1. <i>Journal of Environmental Sciences</i> , 2021, 107, 65-76.	6.1	33
76	Bioleaching of indium from waste LCD panels by <i>Aspergillus niger</i> : Method optimization and mechanism analysis. <i>Science of the Total Environment</i> , 2021, 790, 148151.	8.0	21
77	Spatial and temporal variations of Cu and Cd mobility and their controlling factors in pore water of contaminated paddy soil under acid mine drainage: A laboratory column study. <i>Science of the Total Environment</i> , 2021, 792, 148523.	8.0	11
78	Effects of Pyrolysis Temperature and Holding Time on Physicochemical Properties of Swine-Manure-Derived Biochar. <i>Waste and Biomass Valorization</i> , 2020, 11, 613-624.	3.4	37
79	Degradation mechanism, intermediates and toxicology assessment of tris-(2-chloroisopropyl) phosphate using ultraviolet activated hydrogen peroxide. <i>Chemosphere</i> , 2020, 241, 124991.	8.2	14
80	Net heterotrophy and low carbon dioxide emissions from biological processes in the Yellow River Estuary, China. <i>Water Research</i> , 2020, 171, 115457.	11.3	11
81	Synergistic adsorption of Cd(II) and As(V) on birnessite under electrochemical control. <i>Chemosphere</i> , 2020, 247, 125822.	8.2	11
82	Strategy for effective inhibition of arylsulfatase/ β -glucuronidase to prevent deconjugation of sulfate and glucuronide conjugates in wastewater during sample collection and storage. <i>Science of the Total Environment</i> , 2020, 703, 135536.	8.0	17
83	Proteomic mechanism of decabromodiphenyl ether (BDE-209) biodegradation by <i>Microbacterium</i> Y2 and its potential in remediation of BDE-209 contaminated water-sediment system. <i>Journal of Hazardous Materials</i> , 2020, 387, 121708.	12.4	44
84	Human exposure of bisphenol A and its analogues: understandings from human urinary excretion data and wastewater-based epidemiology. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3247-3256.	5.3	49
85	High-efficiency As(III) oxidation and electrocoagulation removal using hematite with a charge-discharge technique. <i>Science of the Total Environment</i> , 2020, 703, 135678.	8.0	14
86	Global review of phthalates in edible oil: An emerging and nonnegligible exposure source to human. <i>Science of the Total Environment</i> , 2020, 704, 135369.	8.0	56
87	Soil microplastic pollution in an e-waste dismantling zone of China. <i>Waste Management</i> , 2020, 118, 291-301.	7.4	121
88	Remediation of soil and groundwater contaminated with organic chemicals using stabilized nanoparticles: Lessons from the past two decades. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	6.0	28
89	Influence of environmental and biological macromolecules on aggregation kinetics of nanoplastics in aquatic systems. <i>Water Research</i> , 2020, 186, 116316.	11.3	64
90	Oxalate-Induced Photoreduction Dissolution and Transformation of Schwertmannite: Change of Mineral Phase and Elemental Fate. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 2031-2040.	2.7	11

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91	Photoassisted degradation of 2,2,4,4-tetrabrominated diphenyl ether in simulated soil washing system containing Triton X series surfactants. <i>Environmental Pollution</i> , 2020, 265, 115005.	7.5	7
92	Effects of adsorbed phosphate on jarosite reduction by a sulfate reducing bacterium and associated mineralogical transformation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110921.	6.0	3
93	Leaching characteristics of heavy metals in tailings and their simultaneous immobilization with triethylenetetramine functioned montmorillonite (TETA-Mt) against simulated acid rain. <i>Environmental Pollution</i> , 2020, 266, 115236.	7.5	42
94	Debromination of polybrominated diphenyl ethers (PBDEs) by palladized zerovalent zinc particles: Influence factors, pathways and mechanism. <i>Chemosphere</i> , 2020, 253, 126726.	8.2	6
95	Arsenic behavior during gallic acid-induced redox transformation of jarosite under acidic conditions. <i>Chemosphere</i> , 2020, 255, 126938.	8.2	18
96	Viability and distribution of bacteria immobilized on Sawdust@silica: The removal mechanism of phenanthrene in soil. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110649.	6.0	4
97	Acidity and metallic elements release from AMD-affected river sediments: Effect of AMD standstill and dilution. <i>Environmental Research</i> , 2020, 186, 109490.	7.5	26
98	Remediation of heavy metal contaminated soils by organic acid extraction and electrochemical adsorption. <i>Environmental Pollution</i> , 2020, 264, 114745.	7.5	85
99	Trace determination of eleven natural estrogens and insights from their occurrence in a municipal wastewater treatment plant and river water. <i>Water Research</i> , 2020, 182, 115976.	11.3	40
100	Adhesion of <i>Sphingomonas</i> sp. GY2B onto montmorillonite: A combination study by thermodynamics and the extended DLVO theory. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111085.	5.0	21
101	Effect of nitrate on the phototreatment of Triton X-100 simulated washing waste containing 4,4-dibromodiphenyl ether: Kinetics, products and toxicity assessment. <i>Science of the Total Environment</i> , 2020, 732, 139247.	8.0	16
102	Transcriptome Analysis of the Acid Stress Response of <i>Desulfovibrio vulgaris</i> ATCC 7757. <i>Current Microbiology</i> , 2020, 77, 2702-2712.	2.2	7
103	The formation pathways of polybrominated dibenzo-p-dioxins and dibenzofurans (PBDD/Fs) from pyrolysis of polybrominated diphenyl ethers (PBDEs): Effects of bromination arrangement and level. <i>Journal of Hazardous Materials</i> , 2020, 399, 123004.	12.4	12
104	Co-metabolic degradation of tetrabromobisphenol A by <i>Pseudomonas aeruginosa</i> and its auto-poisoning effect caused during degradation process. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110919.	6.0	9
105	Cellular changes of microbial consortium GY1 during decabromodiphenyl ether (BDE-209) biodegradation and identification of strains responsible for BDE-209 degradation in GY1. <i>Chemosphere</i> , 2020, 249, 126205.	8.2	19
106	Fate of oxalic-acid-intervened arsenic during Fe(II)-induced transformation of As(V)-bearing jarosite. <i>Science of the Total Environment</i> , 2020, 719, 137311.	8.0	18
107	Multifunctional magnetic MgMn-oxide composite for efficient purification of Cd ²⁺ and paracetamol pollution: Synergetic effect and stability. <i>Journal of Hazardous Materials</i> , 2020, 388, 122078.	12.4	41
108	Bisphenol analogues in Chinese bottled water: Quantification and potential risk analysis. <i>Science of the Total Environment</i> , 2020, 713, 136583.	8.0	88

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109	Promoting the photogeneration of hydrochar reactive oxygen species based on FeAl layered double hydroxide for diethyl phthalate degradation. <i>Journal of Hazardous Materials</i> , 2020, 388, 122120.	12.4	32
110	Removal of triphenyl phosphate by nanoscale zerovalent iron (nZVI) activated bisulfite: Performance, surface reaction mechanism and sulfate radical-mediated degradation pathway. <i>Environmental Pollution</i> , 2020, 260, 113983.	7.5	34
111	Biodegradation of triphenyl phosphate using an efficient bacterial consortium GYY: Degradation characteristics, metabolic pathway and 16S rRNA genes analysis. <i>Science of the Total Environment</i> , 2020, 713, 136598.	8.0	24
112	Incorporation of Pb into hematite during ferrihydrite transformation. <i>Environmental Science: Nano</i> , 2020, 7, 829-841.	4.3	16
113	Electrochemical adsorption of cadmium and arsenic by natural Fe-Mn nodules. <i>Journal of Hazardous Materials</i> , 2020, 390, 122165.	12.4	26
114	Efficient degradation of sodium diclofenac via heterogeneous Fenton reaction boosted by Pd/Fe@Fe ₃ O ₄ nanoparticles derived from bio-recovered palladium. <i>Journal of Environmental Management</i> , 2020, 260, 110072.	7.8	34
115	Bacterial communities on soil microplastic at Guiyu, an E-Waste dismantling zone of China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110521.	6.0	62
116	Removal of hexavalent chromium using biogenic mackinawite (FeS)-deposited kaolinite. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 236-245.	9.4	39
117	Degradation of trichloroethylene by photoelectrochemically activated persulfate. <i>Chemosphere</i> , 2020, 254, 126796.	8.2	16
118	Chemodiversity of Soil Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2020, 54, 6174-6184.	10.0	133
119	Reductive debromination of decabromodiphenyl ether by iron sulfide-coated nanoscale zerovalent iron: mechanistic insights from Fe(II) dissolution and solvent kinetic isotope effects. <i>Environmental Pollution</i> , 2019, 253, 161-170.	7.5	37
120	Aggregation kinetics of UV irradiated nanoplastics in aquatic environments. <i>Water Research</i> , 2019, 163, 114870.	11.3	116
121	Reductive dissolution of jarosite by a sulfate reducing bacterial community: Secondary mineralization and microflora development. <i>Science of the Total Environment</i> , 2019, 690, 1100-1109.	8.0	37
122	Insights into removal mechanisms of bisphenol A and its analogues in municipal wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 692, 107-116.	8.0	116
123	OPFRs and BFRs induced A549 cell apoptosis by caspase-dependent mitochondrial pathway. <i>Chemosphere</i> , 2019, 221, 693-702.	8.2	60
124	Mechanisms and pathways of debromination of polybrominated diphenyl ethers (PBDEs) in various nano-zerovalent iron-based bimetallic systems. <i>Science of the Total Environment</i> , 2019, 661, 18-26.	8.0	42
125	Ferrihydrite transformation under the impact of humic acid and Pb: kinetics, nanoscale mechanisms, and implications for C and Pb dynamics. <i>Environmental Science: Nano</i> , 2019, 6, 747-762.	4.3	59
126	The behavior of chromium and arsenic associated with redox transformation of schwertmannite in AMD environment. <i>Chemosphere</i> , 2019, 222, 945-953.	8.2	54

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127	Modeling Sorptive Fractionation of Organic Matter at the Mineral-Water Interface. <i>Soil Science Society of America Journal</i> , 2019, 83, 107-117.	2.2	9
128	Effects of benzo [a] pyrene (BaP) on the composting and microbial community of sewage sludge. <i>Chemosphere</i> , 2019, 222, 517-526.	8.2	30
129	Biodegradation of tricresyl phosphate isomers by <i>Brevibacillus brevis</i> : Degradation pathway and metabolic mechanism. <i>Chemosphere</i> , 2019, 232, 195-203.	8.2	24
130	Coupled Kinetics Model for Microbially Mediated Arsenic Reduction and Adsorption/Desorption on Iron Oxides: Role of Arsenic Desorption Induced by Microbes. <i>Environmental Science & Technology</i> , 2019, 53, 8892-8902.	10.0	30
131	Mechanism of enhancing pyrene-degradation ability of bacteria by layer-by-layer assembly bio-microcapsules materials. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 525-533.	6.0	7
132	Oxidation degradation of tris-(2-chloroisopropyl) phosphate by ultraviolet driven sulfate radical: Mechanisms and toxicology assessment of degradation intermediates using flow cytometry analyses. <i>Science of the Total Environment</i> , 2019, 687, 732-740.	8.0	26
133	A simulation-based bi-level multi-objective programming model for watershed water quality management under interval and stochastic uncertainties. <i>Journal of Environmental Management</i> , 2019, 245, 418-431.	7.8	12
134	Environmental application of MgMn-layered double oxide for simultaneous efficient removal of tetracycline and Cd pollution: Performance and mechanism. <i>Journal of Environmental Management</i> , 2019, 246, 164-173.	7.8	64
135	Biogenic iron mineralization of polyferric sulfate by dissimilatory iron reducing bacteria: Effects of medium composition and electric field stimulation. <i>Science of the Total Environment</i> , 2019, 684, 466-475.	8.0	14
136	Molecular fractionation and sub-nanoscale distribution of dissolved organic matter on allophane. <i>Environmental Science: Nano</i> , 2019, 6, 2037-2048.	4.3	26
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#	ARTICLE	IF	CITATIONS
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273	Effect of surfactant amendment to PAHs-contaminated soil for phytoremediation by maize (<i>Zea mays</i>) Tj ETQq1 1 0.784314 $\mu\text{gBT} / \text{Overlock}$ 6.0 58	6.0	58
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