

# Zhi Dang

## List of Publications by Year in descending order

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283  
papers

9,890  
citations

34076

52  
h-index

76872

74  
g-index

284  
all docs

284  
docs citations

284  
times ranked

8862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Extraction of Cr(VI) from Hazardous Gypsum Sludge via Controlling the Phase Transformation and Chromium Species. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13336-13342.	4.6	175
2	Nickel oxide and carbon nanotube composite (NiO/CNT) as a novel cathode non-precious metal catalyst in microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2015, 72, 332-339.	5.3	162
3	Worldwide human daily intakes of bisphenol A (BPA) estimated from global urinary concentration data (2000–2016) and its risk analysis. <i>Environmental Pollution</i> , 2017, 230, 143-152.	3.7	151
4	Enhanced Adsorption of <i>p</i> -Arsanilic Acid from Water by Amine-Modified UiO-67 as Examined Using Extended X-ray Absorption Fine Structure, X-ray Photoelectron Spectroscopy, and Density Functional Theory Calculations. <i>Environmental Science &amp; Technology</i> , 2018, 52, 3466-3475.	4.6	148
5	Heavy Metal Contamination and Health Risk Assessment in the Vicinity of a Tailing Pond in Guangdong, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1557.	1.2	138
6	Removal of Natural Estrogens and Their Conjugates in Municipal Wastewater Treatment Plants: A Critical Review. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5288-5300.	4.6	137
7	Migration and potential risk of trace phthalates in bottled water: A global situation. <i>Water Research</i> , 2018, 147, 362-372.	5.3	134
8	Bisphenol A concentrations in human urine, human intakes across six continents, and annual trends of average intakes in adult and child populations worldwide: A thorough literature review. <i>Science of the Total Environment</i> , 2018, 626, 971-981.	3.9	133
9	Chemodiversity of Soil Dissolved Organic Matter. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6174-6184.	4.6	133
10	Core-shell structured Fe <sub>3</sub> O <sub>4</sub> @GO@MIL-100(Fe) magnetic nanoparticles as heterogeneous photo-Fenton catalyst for 2,4-dichlorophenol degradation under visible light. <i>Journal of Hazardous Materials</i> , 2019, 371, 677-686.	6.5	121
11	Soil microplastic pollution in an e-waste dismantling zone of China. <i>Waste Management</i> , 2020, 118, 291-301.	3.7	121
12	Aggregation kinetics of UV irradiated nanoplastics in aquatic environments. <i>Water Research</i> , 2019, 163, 114870.	5.3	116
13	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.	3.9	116
14	Kinetics of Cation and Oxyanion Adsorption and Desorption on Ferrihydrite: Roles of Ferrihydrite Binding Sites and a Unified Model. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10605-10614.	4.6	115
15	Bioaccumulation characterization of cadmium by growing <i>Bacillus cereus</i> RC-1 and its mechanism. <i>Chemosphere</i> , 2014, 109, 134-142.	4.2	109
16	Trace determination of sulfonamide antibiotics and their acetylated metabolites via SPE-LC-MS/MS in wastewater and insights from their occurrence in a municipal wastewater treatment plant. <i>Science of the Total Environment</i> , 2019, 653, 815-821.	3.9	99
17	Drivers and applications of integrated clean-up technologies for surfactant-enhanced remediation of environments contaminated with polycyclic aromatic hydrocarbons (PAHs). <i>Environmental Pollution</i> , 2017, 225, 129-140.	3.7	95
18	Bacterial, archaeal, and fungal community responses to acid mine drainage-laden pollution in a rice paddy soil ecosystem. <i>Science of the Total Environment</i> , 2018, 616-617, 107-116.	3.9	93

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19	Biomass-derived heteroatoms-doped mesoporous carbon for efficient oxygen reduction in microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2017, 98, 350-356.	5.3	92
20	Kinetics of Heavy Metal Dissociation from Natural Organic Matter: Roles of the Carboxylic and Phenolic Sites. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10476-10484.	4.6	91
21	Enhanced removal of roxarsone by Fe <sub>3</sub> O <sub>4</sub> @3D graphene nanocomposites: synergistic adsorption and mechanism. <i>Environmental Science: Nano</i> , 2017, 4, 2134-2143.	2.2	89
22	Immobilization of <i>Sphingomonas</i> sp. GY2B in polyvinyl alcohol- $\alpha$ -alginate- $\kappa$ -kaolin beads for efficient degradation of phenol against unfavorable environmental factors. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 103-111.	2.9	88
23	Bisphenol analogues in Chinese bottled water: Quantification and potential risk analysis. <i>Science of the Total Environment</i> , 2020, 713, 136583.	3.9	88
24	Remediation of heavy metal contaminated soils by organic acid extraction and electrochemical adsorption. <i>Environmental Pollution</i> , 2020, 264, 114745.	3.7	85
25	Sulfate migration in a river affected by acid mine drainage from the Dabaoshan mining area, South China. <i>Chemosphere</i> , 2015, 119, 734-743.	4.2	83
26	Insights into the Glyphosate Adsorption Behavior and Mechanism by a MnFe <sub>2</sub> O <sub>4</sub> @Cellulose-Activated Carbon Magnetic Hybrid. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 15478-15488.	4.0	83
27	Role of microbial activity in Fe(III) hydroxysulfate mineral transformations in an acid mine drainage-impacted site from the Dabaoshan Mine. <i>Science of the Total Environment</i> , 2018, 616-617, 647-657.	3.9	80
28	Amphoteric modified vermiculites as adsorbents for enhancing removal of organic pollutants: Bisphenol A and Tetrabromobisphenol A. <i>Environmental Pollution</i> , 2017, 228, 277-286.	3.7	79
29	The double influence mechanism of pH on arsenic removal by nano zero valent iron: electrostatic interactions and the corrosion of Fe <sup>0</sup> . <i>Environmental Science: Nano</i> , 2017, 4, 1544-1552.	2.2	78
30	Photocatalytic removal of organic phosphate esters by TiO <sub>2</sub> : Effect of inorganic ions and humic acid. <i>Chemosphere</i> , 2018, 206, 26-32.	4.2	75
31	Nonionic surfactants induced changes in cell characteristics and phenanthrene degradation ability of <i>Sphingomonas</i> sp. GY2B. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 210-218.	2.9	72
32	Simultaneous electricity production and antibiotics removal by microbial fuel cells. <i>Journal of Environmental Management</i> , 2018, 217, 565-572.	3.8	71
33	Hexavalent chromium induced oxidative stress and apoptosis in <i>Pycnopus sanguineus</i> . <i>Environmental Pollution</i> , 2017, 228, 128-139.	3.7	67
34	Biogenic Calcium Carbonate with Hierarchical Organic-Inorganic Composite Structure Enhancing the Removal of Pb(II) from Wastewater. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 35785-35793.	4.0	67
35	MgO-loaded nitrogen and phosphorus self-doped biochar: High-efficient adsorption of aquatic Cu <sup>2+</sup> , Cd <sup>2+</sup> , and Pb <sup>2+</sup> and its remediation efficiency on heavy metal contaminated soil. <i>Chemosphere</i> , 2022, 294, 133733.	4.2	66
36	Environmental contamination and human exposure of polychlorinated biphenyls (PCBs) in China: A review. <i>Science of the Total Environment</i> , 2022, 805, 150270.	3.9	65

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37	Influence of co-existed benzo[a]pyrene and copper on the cellular characteristics of <i>Stenotrophomonas maltophilia</i> during biodegradation and transformation. <i>Bioresource Technology</i> , 2014, 158, 181-187.	4.8	64
38	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.	3.8	64
39	Synergistic deep removal of As(III) and Cd(II) by a calcined multifunctional MgZnFe-CO <sub>3</sub> layered double hydroxide: Photooxidation, precipitation and adsorption. <i>Chemosphere</i> , 2019, 225, 115-125.	4.2	64
40	Influence of environmental and biological macromolecules on aggregation kinetics of nanoplastics in aquatic systems. <i>Water Research</i> , 2020, 186, 116316.	5.3	64
41	Degradation of tris(2-chloroethyl) phosphate (TCEP) in aqueous solution by using pyrite activating persulfate to produce radicals. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 667-674.	2.9	62
42	Bacterial communities on soil microplastic at Guiyu, an E-Waste dismantling zone of China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 195, 110521.	2.9	62
43	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.	5.2	61
44	Fate of Fe and Cd upon microbial reduction of Cd-loaded polyferric flocs by <i>Shewanella oneidensis</i> MR-1. <i>Chemosphere</i> , 2016, 144, 2065-2072.	4.2	60
45	OPFRs and BFRs induced A549 cell apoptosis by caspase-dependent mitochondrial pathway. <i>Chemosphere</i> , 2019, 221, 693-702.	4.2	60
46	Aerobic degradation of BDE-209 by <i>Enterococcus casseliflavus</i> : Isolation, identification and cell changes during degradation process. <i>Journal of Hazardous Materials</i> , 2016, 308, 335-342.	6.5	59
47	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.	2.2	59
48	Effect of surfactant amendment to PAHs-contaminated soil for phytoremediation by maize ( <i>Zea mays</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.9	58
49	Sorption behavior of tylosin and sulfamethazine on humic acid: kinetic and thermodynamic studies. <i>RSC Advances</i> , 2015, 5, 58865-58872.	1.7	57
50	Bioremediation of triphenyl phosphate by <i>Brevibacillus brevis</i> : Degradation characteristics and role of cytochrome P450 monooxygenase. <i>Science of the Total Environment</i> , 2018, 627, 1389-1395.	3.9	57
51	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.	3.9	56
52	Ecotoxicity monitoring and bioindicator screening of oil-contaminated soil during bioremediation. <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 120-128.	2.9	55
53	Refocusing on Nonpriority Toxic Metals in the Aquatic Environment in China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 3117-3118.	4.6	55
54	Effect of 2,4-dibromodiphenyl ether (BDE-47) and its metabolites on cell viability, oxidative stress, and apoptosis of HepG2. <i>Chemosphere</i> , 2018, 193, 978-988.	4.2	54

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55	The behavior of chromium and arsenic associated with redox transformation of schwertmannite in AMD environment. <i>Chemosphere</i> , 2019, 222, 945-953.	4.2	54
56	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.	3.9	54
57	A review of 17 $\beta$ -ethynylestradiol (EE2) in surface water across 32 countries: Sources, concentrations, and potential estrogenic effects. <i>Journal of Environmental Management</i> , 2021, 292, 112804.	3.8	52
58	Physiological responses of <i>Microcystis aeruginosa</i> against the algicidal bacterium <i>Pseudomonas aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 214-221.	2.9	51
59	Effective capture of aqueous uranium from saline lake with magnesium-based binary and ternary layered double hydroxides. <i>Science of the Total Environment</i> , 2019, 677, 556-563.	3.9	51
60	Photocatalytic debromination of polybrominated diphenyl ethers (PBDEs) on metal doped TiO <sub>2</sub> nanocomposites: Mechanisms and pathways. <i>Environment International</i> , 2019, 127, 5-12.	4.8	49
61	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.	2.7	49
62	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.	6.5	49
63	Occurrence and removal of 17 $\beta$ -ethynylestradiol (EE2) in municipal wastewater treatment plants: Current status and challenges. <i>Chemosphere</i> , 2021, 271, 129551.	4.2	49
64	Mineralogical characteristics of sediments and heavy metal mobilization along a river watershed affected by acid mine drainage. <i>PLoS ONE</i> , 2018, 13, e0190010.	1.1	48
65	Dissimilatory iron and sulfate reduction by native microbial communities using lactate and citrate as carbon sources and electron donors. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 524-531.	2.9	48
66	Defective magnesium ferrite nano-platelets for the adsorption of As(V): The role of surface hydroxyl groups. <i>Environmental Pollution</i> , 2018, 235, 11-19.	3.7	46
67	Biodegradation of decabromodiphenyl ether (BDE-209) using a novel microbial consortium GY1: Cells viability, pathway, toxicity assessment, and microbial function prediction. <i>Science of the Total Environment</i> , 2019, 668, 958-965.	3.9	46
68	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.	5.3	46
69	Arsenic speciation in turnip as affected by application of chicken manure bearing roxarsone and its metabolites. <i>Plant and Soil</i> , 2009, 316, 117-124.	1.8	44
70	Removal of heavy metals from acid mine drainage using chicken eggshells in column mode. <i>Journal of Environmental Management</i> , 2017, 188, 1-8.	3.8	44
71	Bioaccumulation and distribution of cadmium by <i>Burkholderia cepacia</i> GYP1 under oligotrophic condition and mechanism analysis at proteome level. <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 162-169.	2.9	44
72	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.	6.5	44

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73	Efficient inhibition of heavy metal release from mine tailings against acid rain exposure by triethylenetetramine intercalated montmorillonite (TETA-Mt). <i>Journal of Hazardous Materials</i> , 2016, 318, 396-406.	6.5	43
74	Maize straw decorated with sulfide for tylosin removal from the water. <i>Ecotoxicology and Environmental Safety</i> , 2018, 152, 16-23.	2.9	43
75	Biominalization mechanism of U(VI) induced by <i>Bacillus cereus</i> 12-2: The role of functional groups and enzymes. <i>Chemosphere</i> , 2018, 206, 682-692.	4.2	43
76	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.	6.5	43
77	Enhanced degradation of phenol by <i>Sphingomonas</i> sp. GY2B with resistance towards suboptimal environment through adsorption on kaolinite. <i>Chemosphere</i> , 2016, 148, 388-394.	4.2	42
78	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.	3.9	42
79	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.	3.7	42
80	Influence of ferric iron on the electrochemical behavior of pyrite. <i>Ionics</i> , 2011, 17, 169-176.	1.2	41
81	Relative roles of H-atom transfer and electron transfer in the debromination of polybrominated diphenyl ethers by palladized nanoscale zerovalent iron. <i>Environmental Pollution</i> , 2017, 222, 331-337.	3.7	41
82	Multifunctional magnetic MgMn-oxide composite for efficient purification of Cd <sup>2+</sup> and paracetamol pollution: Synergetic effect and stability. <i>Journal of Hazardous Materials</i> , 2020, 388, 122078.	6.5	41
83	Effects of humic acids on the aggregation and sorption of nano-TiO <sub>2</sub> . <i>Chemosphere</i> , 2015, 119, 171-176.	4.2	40
84	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.	5.3	40
85	Debromination of polybrominated diphenyl ethers (PBDEs) and their conversion to polybrominated dibenzofurans (PBDFs) by UV light: Mechanisms and pathways. <i>Journal of Hazardous Materials</i> , 2018, 354, 1-7.	6.5	39
86	Identification of novel pathways for biotransformation of tetrabromobisphenol A by <i>Phanerochaete chrysosporium</i> , combined with mechanism analysis at proteome level. <i>Science of the Total Environment</i> , 2019, 659, 1352-1361.	3.9	39
87	Performance evaluation of integrated adsorption-nanofiltration system for emerging compounds removal: Exemplified by caffeine, diclofenac and octylphenol. <i>Journal of Environmental Management</i> , 2019, 231, 121-128.	3.8	39
88	Removal of hexavalent chromium using biogenic mackinawite (FeS)-deposited kaolinite. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 236-245.	5.0	39
89	Enhanced bioremediation of 2,3,4,5-tetrachlorodiphenyl ether by consortium GYB1 immobilized on sodium alginate-biochar. <i>Science of the Total Environment</i> , 2021, 788, 147774.	3.9	38
90	Biosorption and biodegradation of pyrene by <i>Brevibacillus brevis</i> and cellular responses to pyrene treatment. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 166-173.	2.9	37

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91	Effects of single and combined copper/perfluorooctane sulfonate on sequencing batch reactor process and microbial community in activated sludge. <i>Bioresource Technology</i> , 2017, 238, 407-415.	4.8	37
92	Characteristics and proteomic analysis of pyrene degradation by <i>Brevibacillus brevis</i> in liquid medium. <i>Chemosphere</i> , 2017, 178, 80-87.	4.2	37
93	Differential regulation of phenanthrene biodegradation process by kaolinite and quartz and the underlying mechanism. <i>Journal of Hazardous Materials</i> , 2018, 349, 51-59.	6.5	37
94	Migration and fate of metallic elements in a waste mud impoundment and affected river downstream: A case study in Dabaoshan Mine, South China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 474-483.	2.9	37
95	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.	3.7	37
96	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.	3.9	37
97	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.	1.8	37
98	A novel strategy for harmlessness and reduction of copper smelting slags by alkali disaggregation of fayalite (Fe <sub>2</sub> SiO <sub>4</sub> ) coupling with acid leaching. <i>Journal of Hazardous Materials</i> , 2021, 402, 123791.	6.5	37
99	Comparative proteomics reveal the mechanism of Tween80 enhanced phenanthrene biodegradation by <i>Sphingomonas</i> sp. GY2B. <i>Ecotoxicology and Environmental Safety</i> , 2017, 137, 256-264.	2.9	36
100	Comparative transcriptomic evidence for Tween80-enhanced biodegradation of phenanthrene by <i>Sphingomonas</i> sp. GY2B. <i>Science of the Total Environment</i> , 2017, 609, 1161-1171.	3.9	36
101	Effects of modified biochar on rhizosphere microecology of rice ( <i>Oryza sativa</i> L.) grown in As-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23815-23824.	2.7	35
102	Effect of phosphate on amorphous iron mineral generation and arsenic behavior in paddy soils. <i>Science of the Total Environment</i> , 2019, 657, 644-656.	3.9	35
103	Sorption of tylosin and sulfamethazine on solid humic acid. <i>Journal of Environmental Sciences</i> , 2016, 43, 208-215.	3.2	34
104	Simultaneous Cr(VI) removal and 2,2,4,4-tetrabromodiphenyl ether (BDE-47) biodegradation by <i>Pseudomonas aeruginosa</i> in liquid medium. <i>Chemosphere</i> , 2016, 150, 24-32.	4.2	34
105	Fast trace determination of nine odorant and estrogenic chloro- and bromo-phenolic compounds in real water samples through automated solid-phase extraction coupled with liquid chromatography tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3813-3822.	2.7	34
106	Coupled Kinetics of Ferrihydrite Transformation and As(V) Sequestration under the Effect of Humic Acids: A Mechanistic and Quantitative Study. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11632-11641.	4.6	34
107	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.	3.7	34
108	Efficient degradation of sodium diclofenac via heterogeneous Fenton reaction boosted by Pd/Fe@Fe <sub>3</sub> O <sub>4</sub> nanoparticles derived from bio-recovered palladium. <i>Journal of Environmental Management</i> , 2020, 260, 110072.	3.8	34

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109	Coupled Sorption and Oxidation of Soil Dissolved Organic Matter on Manganese Oxides: Nano/Sub-nanoscale Distribution and Molecular Transformation. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2783-2793.	4.6	34
110	Cd <sup>2+</sup> adsorption performance of tunnel-structured manganese oxides driven by electrochemically controlled redox. <i>Environmental Pollution</i> , 2019, 244, 783-791.	3.7	33
111	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.	3.2	33
112	Estimation of Water Solubility of Polycyclic Aromatic Hydrocarbons Using Quantum Chemical Descriptors and Partial Least Squares. <i>QSAR and Combinatorial Science</i> , 2008, 27, 618-626.	1.5	32
113	Mn <sub>2</sub> O <sub>3</sub> hollow spheres synthesized based on an ion-exchange strategy from amorphous calcium carbonate for highly efficient trace-level uranyl extraction. <i>Environmental Science: Nano</i> , 2016, 3, 1254-1258.	2.2	32
114	Do estrogenic compounds in drinking water migrating from plastic pipe distribution system pose adverse effects to human? An analysis of scientific literature. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2126-2134.	2.7	32
115	Characterization of a di-n-butyl phthalate-degrading bacterial consortium and its application in contaminated soil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17645-17653.	2.7	32
116	The effects of interaction between vermiculite and manganese dioxide on the environmental geochemical process of thallium. <i>Science of the Total Environment</i> , 2019, 669, 903-910.	3.9	32
117	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.	6.5	32
118	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.	6.5	32
119	Levels of six antibiotics used in China estimated by means of wastewater-based epidemiology. <i>Water Science and Technology</i> , 2016, 73, 769-775.	1.2	31
120	Simultaneous determination of estrogenic odorant alkylphenols, chlorophenols, and their derivatives in water using online headspace solid phase microextraction coupled with gas chromatography-mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19116-19125.	2.7	31
121	Simultaneous determination of eleven estrogenic and odorous chloro- and bromo-phenolic compounds in surface water through an automated online headspace SPME followed by on-fiber derivatization coupled with GC-MS. <i>Analytical Methods</i> , 2017, 9, 4819-4827.	1.3	31
122	Effects of benzo [a] pyrene (BaP) on the composting and microbial community of sewage sludge. <i>Chemosphere</i> , 2019, 222, 517-526.	4.2	30
123	Coupled Kinetics Model for Microbially Mediated Arsenic Reduction and Adsorption/Desorption on Iron Oxides: Role of Arsenic Desorption Induced by Microbes. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8892-8902.	4.6	30
124	Rapid debromination of polybrominated diphenyl ethers (PBDEs) by zero valent metal and bimetals: Mechanisms and pathways assisted by density function theory calculation. <i>Environmental Pollution</i> , 2018, 240, 745-753.	3.7	29
125	Molecular characteristics, proton dissociation properties, and metal binding properties of soil organic matter: A theoretical study. <i>Science of the Total Environment</i> , 2019, 656, 521-530.	3.9	29
126	Effects of nano bamboo charcoal on PAHs-degrading strain <i>Sphingomonas</i> sp. GY2B. <i>Ecotoxicology and Environmental Safety</i> , 2016, 125, 35-42.	2.9	28



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127	Debromination of polybrominated diphenyl ethers (PBDEs) by zero valent zinc: Mechanisms and predicting descriptors. <i>Journal of Hazardous Materials</i> , 2018, 352, 165-171.	6.5	28
128	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.	3.3	28
129	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.	6.5	28
130	Uptake and Distribution of Cd in Sweet Maize Grown on Contaminated Soils: A Field-Scale Study. <i>Bioinorganic Chemistry and Applications</i> , 2013, 2013, 1-8.	1.8	27
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