

Zhi Dang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

5,586
citations

39
h-index

54
g-index

284
ext. papers

7,711
ext. citations

8
avg, IF

6.47
L-index

#	Paper	IF	Citations
280	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, 332-9	11.8	145
279	Removal of natural estrogens and their conjugates in municipal wastewater treatment plants: a critical review. <i>Environmental Science & Technology</i> , 2015 , 49, 5288-300	10.3	109
278	Enhanced Adsorption of p-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 & Technology</i> , 2018 , 52, 3466-3475	10.3	105
277	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	9.3	100
276	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	10.2	82
275	Migration and potential risk of trace phthalates in bottled water: A global situation. <i>Water Research</i> , 2018 , 147, 362-372	12.5	81
274	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,	4.6	80
273	Bioaccumulation characterization of cadmium by growing <i>Bacillus cereus</i> RC-1 and its mechanism. <i>Chemosphere</i> , 2014 , 109, 134-42	8.4	77
272	Biomass-derived heteroatoms-doped mesoporous carbon for efficient oxygen reduction in microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 350-356	11.8	75
271	Kinetics of Cation and Oxyanion Adsorption and Desorption on Ferrihydrite: Roles of Ferrihydrite Binding Sites and a Unified Model. <i>Environmental Science & Technology</i> , 2017 , 51, 10605-10614	10.3	72
270	Core-shell structured FeO@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	12.8	68
269	Enhanced removal of roxarsone by Fe ₃ O ₄ @3D graphene nanocomposites: synergistic adsorption and mechanism. <i>Environmental Science: Nano</i> , 2017 , 4, 2134-2143	7.1	67
268	Amphoteric modified vermiculites as adsorbents for enhancing removal of organic pollutants: Bisphenol A and Tetrabromobisphenol A. <i>Environmental Pollution</i> , 2017 , 228, 277-286	9.3	66
267	Sulfate migration in a river affected by acid mine drainage from the Dabaoshan mining area, South China. <i>Chemosphere</i> , 2015 , 119, 734-743	8.4	65
266	Kinetics of Heavy Metal Dissociation from Natural Organic Matter: Roles of the Carboxylic and Phenolic Sites. <i>Environmental Science & Technology</i> , 2016 , 50, 10476-10484	10.3	65
265	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	10.2	65
264	Immobilization of <i>Sphingomonas</i> sp. GY2B in polyvinyl alcohol-alginate-kaolin beads for efficient degradation of phenol against unfavorable environmental factors. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 162, 103-111	7	62

263	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	9.3	61
262	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	10.2	59
261	Aggregation kinetics of UV irradiated nanoplastics in aquatic environments. <i>Water Research</i> , 2019 , 163, 114870	12.5	55
260	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	10.2	54
259	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, 181-7	11	53
258	Photocatalytic removal of organic phosphate esters by TiO ₂ : Effect of inorganic ions and humic acid. <i>Chemosphere</i> , 2018 , 206, 26-32	8.4	51
257	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, 210-8	7	51
256	Effective Extraction of Cr(VI) from Hazardous Gypsum Sludge via Controlling the Phase Transformation and Chromium Species. <i>Environmental Science & Technology</i> , 2018 , 52, 13336-13342 ^{10.3}	10.3	51
255	The double influence mechanism of pH on arsenic removal by nano zero valent iron: electrostatic interactions and the corrosion of Fe ⁰ . <i>Environmental Science: Nano</i> , 2017 , 4, 1544-1552	7.1	50
254	Soil microplastic pollution in an e-waste dismantling zone of China. <i>Waste Management</i> , 2020 , 118, 291-306	10.6	50
253	Simultaneous electricity production and antibiotics removal by microbial fuel cells. <i>Journal of Environmental Management</i> , 2018 , 217, 565-572	7.9	49
252	Hexavalent chromium induced oxidative stress and apoptosis in <i>Pycnoporus sanguineus</i> . <i>Environmental Pollution</i> , 2017 , 228, 128-139	9.3	48
251	Insights into the Glyphosate Adsorption Behavior and Mechanism by a MnFeO@Cellulose-Activated Carbon Magnetic Hybrid. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15478-15488	9.5	46
250	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 ^{10.2}	10.2	46
249	Effect of surfactant amendment to PAHs-contaminated soil for phytoremediation by maize (<i>Zea mays</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2015 , 112, 1-6	7	45
248	Ecotoxicity monitoring and bioindicator screening of oil-contaminated soil during bioremediation. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 124, 120-128	7	42
247	Synergistic deep removal of As(III) and Cd(II) by a calcined multifunctional MgZnFe-CO layered double hydroxide: Photooxidation, precipitation and adsorption. <i>Chemosphere</i> , 2019 , 225, 115-125	8.4	42
246	Bisphenol analogues in Chinese bottled water: Quantification and potential risk analysis. <i>Science of the Total Environment</i> , 2020 , 713, 136583	10.2	42

245	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	7.9	41
244	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	4.2	41
243	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, 2065-72	8.4	41
242	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, 335-42	12.8	39
241	Refocusing on Nonpriority Toxic Metals in the Aquatic Environment in China. <i>Environmental Science & Technology</i> , 2017 , 51, 3117-3118	10.3	38
240	Sorption behavior of tylosin and sulfamethazine on humic acid: kinetic and thermodynamic studies. <i>RSC Advances</i> , 2015 , 5, 58865-58872	3.7	38
239	Effect of 2, 2,4, 4-tetrabromodiphenyl ether (BDE-47) and its metabolites on cell viability, oxidative stress, and apoptosis of HepG2. <i>Chemosphere</i> , 2018 , 193, 978-988	8.4	38
238	OPFRs and BFRs induced A549 cell apoptosis by caspase-dependent mitochondrial pathway. <i>Chemosphere</i> , 2019 , 221, 693-702	8.4	37
237	Mineralogical characteristics of sediments and heavy metal mobilization along a river watershed affected by acid mine drainage. <i>PLoS ONE</i> , 2018 , 13, e0190010	3.7	37
236	The behavior of chromium and arsenic associated with redox transformation of schwertmannite in AMD environment. <i>Chemosphere</i> , 2019 , 222, 945-953	8.4	36
235	Remediation of heavy metal contaminated soils by organic acid extraction and electrochemical adsorption. <i>Environmental Pollution</i> , 2020 , 264, 114745	9.3	36
234	Effects of humic acids on the aggregation and sorption of nano-TiO ₂ . <i>Chemosphere</i> , 2015 , 119, 171-176	8.4	36
233	Biogenic Calcium Carbonate with Hierarchical Organic-Inorganic Composite Structure Enhancing the Removal of Pb(II) from Wastewater. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 35785-35793	9.5	35
232	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	7.1	35
231	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	9.3	34
230	Bacterial communities on soil microplastic at Guiyu, an E-Waste dismantling zone of China. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 195, 110521	7	34
229	Maize straw decorated with sulfide for tylosin removal from the water. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 152, 16-23	7	33
228	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	10.2	33

227	Photocatalytic debromination of polybrominated diphenyl ethers (PBDEs) on metal doped TiO nanocomposites: Mechanisms and pathways. <i>Environment International</i> , 2019 , 127, 5-12	12.9	32
226	Chemodiversity of Soil Dissolved Organic Matter. <i>Environmental Science & Technology</i> , 2020 , 54, 6174-6184	10.3	32
225	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	9.3	31
224	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	12.8	31
223	Physiological responses of <i>Microcystis aeruginosa</i> against the algicidal bacterium <i>Pseudomonas aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016 , 127, 214-21	7	31
222	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	10.2	31
221	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	7	30
220	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	12.8	29
219	Enhanced degradation of phenol by <i>Sphingomonas</i> sp. GY2B with resistance towards suboptimal environment through adsorption on kaolinite. <i>Chemosphere</i> , 2016 , 148, 388-94	8.4	29
218	Influence of ferric iron on the electrochemical behavior of pyrite. <i>Ionics</i> , 2011 , 17, 169-176	2.7	29
217	Removal of heavy metals from acid mine drainage using chicken eggshells in column mode. <i>Journal of Environmental Management</i> , 2017 , 188, 1-8	7.9	28
216	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	10.2	28
215	Biomining 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	8.4	28
214	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		28
213	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	7	27
212	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	7	27
211	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	7.9	27
210	Mn ₂ O ₃ 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	7.1	26

209	Sorption of tylosin and sulfamethazine on solid humic acid. <i>Journal of Environmental Sciences</i> , 2016 , 43, 208-215	6.4	26
208	Biosorption and biodegradation of pyrene by <i>Brevibacillus brevis</i> and cellular responses to pyrene treatment. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 115, 166-73	7	26
207	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	10.2	26
206	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	12.5	26
205	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	11	25
204	Characteristics and proteomic analysis of pyrene degradation by <i>Brevibacillus brevis</i> in liquid medium. <i>Chemosphere</i> , 2017 , 178, 80-87	8.4	25
203	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	7	25
202	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	10.2	25
201	Simultaneous Cr(VI) removal and 2,2,3,4-tetrabromodiphenyl ether (BDE-47) biodegradation by <i>Pseudomonas aeruginosa</i> in liquid medium. <i>Chemosphere</i> , 2016 , 150, 24-32	8.4	25
200	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	12.8	25
199	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	10.2	24
198	Removal of hexavalent chromium using biogenic mackinawite (FeS)-deposited kaolinite. <i>Journal of Colloid and Interface Science</i> , 2020 , 572, 236-245	9.3	24
197	Differential regulation of phenanthrene biodegradation process by kaolinite and quartz and the underlying mechanism. <i>Journal of Hazardous Materials</i> , 2018 , 349, 51-59	12.8	24
196	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, 19116-25	5.1	24
195	Tea saponin enhanced biodegradation of decabromodiphenyl ether by <i>Brevibacillus brevis</i> . <i>Chemosphere</i> , 2014 , 114, 255-61	8.4	24
194	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	5.1	24
193	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	10.2	24
192	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	10.2	23

191	Multifunctional magnetic MgMn-oxide composite for efficient purification of Cd and paracetamol pollution: Synergetic effect and stability. <i>Journal of Hazardous Materials</i> , 2020 , 388, 122078	12.8	22
190	Effects of nano bamboo charcoal on PAHs-degrading strain <i>Sphingomonas</i> sp. GY2B. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 125, 35-42	7	22
189	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	10.2	22
188	Coupled Kinetics of Ferrihydrite Transformation and As(V) Sequestration under the Effect of Humic Acids: A Mechanistic and Quantitative Study. <i>Environmental Science & Technology</i> , 2018 , 52, 11632-11641	10.3	22
187	Efficient degradation of sodium diclofenac via heterogeneous Fenton reaction boosted by Pd/Fe@FeO nanoparticles derived from bio-recovered palladium. <i>Journal of Environmental Management</i> , 2020 , 260, 110072	7.9	21
186	Debromination of polybrominated diphenyl ethers (PBDEs) by zero valent zinc: Mechanisms and predicting descriptors. <i>Journal of Hazardous Materials</i> , 2018 , 352, 165-171	12.8	21
185	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	5.1	21
184	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	9.3	21
183	Distribution, fractionation, and contamination assessment of heavy metals in paddy soil related to acid mine drainage. <i>Paddy and Water Environment</i> , 2017 , 15, 553-562	1.6	20
182	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	3.2	20
181	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	5.1	20
180	Sorption and photodegradation of tylosin and sulfamethazine by humic acid-coated goethite. <i>RSC Advances</i> , 2015 , 5, 100464-100471	3.7	20
179	Uptake and distribution of cd in sweet maize grown on contaminated soils: a field-scale study. <i>Bioinorganic Chemistry and Applications</i> , 2013 , 2013, 959764	4.2	20
178	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	12.8	20
177	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	5.8	20
176	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	9.3	20
175	Levels of six antibiotics used in China estimated by means of wastewater-based epidemiology. <i>Water Science and Technology</i> , 2016 , 73, 769-75	2.2	20
174	A new approach for pyrene bioremediation using bacteria immobilized in layer-by-layer assembled microcapsules: dynamics of soil bacterial community. <i>RSC Advances</i> , 2016 , 6, 20654-20663	3.7	20

173	Synergetic effect of functionalized carbon nanotubes on ZnCr mixed metal oxides for enhanced solar light-driven photocatalytic performance. <i>RSC Advances</i> , 2016 , 6, 37689-37700	3.7	20
172	Cd adsorption performance of tunnel-structured manganese oxides driven by electrochemically controlled redox. <i>Environmental Pollution</i> , 2019 , 244, 783-791	9.3	20
171	Understanding the role of clay minerals in the chromium(VI) bioremoval by <i>Pseudomonas aeruginosa</i> CCTCC AB93066 under growth condition: microscopic, spectroscopic and kinetic analysis. <i>World Journal of Microbiology and Biotechnology</i> , 2015 , 31, 1765-79	4.4	19
170	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	12.5	19
169	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	12.8	19
168	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	9.3	19
167	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	5.1	19
166	Influence of environmental and biological macromolecules on aggregation kinetics of nanoplastics in aquatic systems. <i>Water Research</i> , 2020 , 186, 116316	12.5	19
165	A novel multi-reaction model for kinetics of Zn release from soils: Roles of soil binding sites. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 146-155	9.3	19
164	Photodegradation of 4,4'-dibrominated diphenyl ether in Triton X-100 micellar solution. <i>Chemosphere</i> , 2017 , 180, 423-429	8.4	18
163	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	3.2	18
162	Cosolubilization synergism occurrence in codesorption of PAH mixtures during surfactant-enhanced remediation of contaminated soil. <i>Chemosphere</i> , 2016 , 144, 583-90	8.4	17
161	Effects of benzo [a] pyrene (BaP) on the composting and microbial community of sewage sludge. <i>Chemosphere</i> , 2019 , 222, 517-526	8.4	17
160	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	10.2	17
159	Molecular fractionation and sub-nanoscale distribution of dissolved organic matter on allophane. <i>Environmental Science: Nano</i> , 2019 , 6, 2037-2048	7.1	17
158	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	7	17
157	Fe- and S-Metabolizing Microbial Communities Dominate an AMD-Contaminated River Ecosystem and Play Important Roles in Fe and S Cycling. <i>Geomicrobiology Journal</i> , 2017 , 34, 695-705	2.5	17
156	Effects of rhamnolipids on the cell surface characteristics of <i>Sphingomonas</i> sp. GY2B and the biodegradation of phenanthrene. <i>RSC Advances</i> , 2017 , 7, 24321-24330	3.7	16

155	Pyrene biodegradation with layer-by-layer assembly bio-microcapsules. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 138, 9-15	7	16
154	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	10.3	16
153	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	10.2	16
152	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	9.3	16
151	Sulfate-reducing bacteria in anaerobic bioprocesses: basic properties of pure isolates, molecular quantification, and controlling strategies. <i>Environmental Technology Reviews</i> , 2018 , 7, 46-72	7.7	16
150	Enhanced photoelectrochemical degradation of Ibuprofen and generation of hydrogen via BiOI-deposited TiO nanotube arrays. <i>Science of the Total Environment</i> , 2018 , 633, 1198-1205	10.2	16
149	Complexation of sulfamethazine with Cd(II) and Pb(II): implication for co-adsorption of SMT and Cd(II) on goethite. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 11576-11583	5.1	16
148	Atomistic Simulation of Solubilization of Polycyclic Aromatic Hydrocarbons in a Sodium Dodecyl Sulfate Micelle. <i>Langmuir</i> , 2016 , 32, 3645-54	4	16
147	Biodegradation of 2,2,3,4-tetrabromodiphenyl ether (BDE-47) by <i>Phanerochaete chrysosporium</i> in the presence of Cd. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11415-11424	5.1	15
146	Role of Dissolved Organic Matter in the Release of Chromium from Schwertmannite: Kinetics, Repartition, and Mechanisms. <i>Journal of Environmental Quality</i> , 2017 , 46, 1088-1097	3.4	15
145	Occurrence and removal of 17 β -ethynylestradiol (EE2) in municipal wastewater treatment plants: Current status and challenges. <i>Chemosphere</i> , 2021 , 271, 129551	8.4	15
144	Influence of co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium on the cellular characteristics of <i>Pycnoporus sanguineus</i> during their removal and reduction. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 142, 388-398	7	14
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141	Effects of surfactant on the degradation of 2,2,3,4-tetrabromodiphenyl ether (BDE-47) by nanoscale Ag/Fe particles: Kinetics, mechanisms and intermediates. <i>Environmental Pollution</i> , 2019 , 245, 780-788	9.3	14
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139	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> ,	13	14
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137	iTRAQ-based proteomic profiling of <i>Pycnoporus sanguineus</i> in response to co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium. <i>Environmental Pollution</i> , 2018 , 242, 1758-1767	8.3	13
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135	Ag/AgCl/MIL-101(Fe) Catalyzed Degradation of Methylene Blue under Visible Light Irradiation. <i>Materials</i> , 2019 , 12,	3.5	12
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121	Biodegradation of tricresyl phosphate isomers by <i>Brevibacillus brevis</i> : Degradation pathway and metabolic mechanism. <i>Chemosphere</i> , 2019 , 232, 195-203	8.4	10
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2	Biosurfactant rhamnolipid enhanced modification of corn stalk and its application for sorption of phenanthrene. <i>Water Science and Technology</i> , 2017 , 76, 1167-1176	2.2	
1	Effect of Pb ²⁺ , Cd ²⁺ , Cu ²⁺ and dissolved organic carbon (DOC) on the distribution and partition of decabromodiphenyl ether (BDE-209) in a water-sediment system. <i>RSC Advances</i> , 2015 , 5, 105259-105265 ³⁻⁷		