Yuan Wei

List of Publications by Citations

148 papers	2,910 citations	28 h-index	46 g-index
152 ext. papers	4,055 ext. citations	8.3 avg, IF	5.63 L-index

#	Paper	IF	Citations
148	The Transcriptome and DNA Methylome Landscapes of Human Primordial Germ Cells. *Cell*, **2015**, 161, 1437-52	56.2	357
147	Single-Cell RNA-Seq Analysis Maps Development of Human Germline Cells and Gonadal Niche Interactions. *Cell Stem Cell*, **2017**, 20, 858-873.e4	18	194
146	MXene-Based Conductive Organohydrogels with Long-Term Environmental Stability and Multifunctionality. *Advanced Functional Materials*, **2020**, 30, 2005135	15.6	89
145	Sulfate migration in a river affected by acid mine drainage from the Dabaoshan mining area, South China. *Chemosphere*, **2015**, 119, 734-743	8.4	65
144	Bacterial, archaeal, and fungal community responses to acid mine drainage-laden pollution in a rice paddy soil ecosystem. *Science of the Total Environment*, **2018**, 616-617, 107-116	10.2	65
143	Drivers and applications of integrated clean-up technologies for surfactant-enhanced remediation of environments contaminated with polycyclic aromatic hydrocarbons (PAHs). *Environmental Pollution*, **2017**, 225, 129-140	9.3	61
142	Photocatalytic removal of organic phosphate esters by TiO: Effect of inorganic ions and humic acid. *Chemosphere*, **2018**, 206, 26-32	8.4	51
141	The double influence mechanism of pH on arsenic removal by nano zero valent iron: electrostatic interactions and the corrosion of Fe0. *Environmental Science: Nano*, **2017**, 4, 1544-1552	7.1	50
140	Soil microplastic pollution in an e-waste dismantling zone of China. *Waste Management*, **2020**, 118, 291-300	8.6	50
139	Biosurfactant-enhanced phytoremediation of soils contaminated by crude oil using maize (Zea mays. L). *Ecological Engineering*, **2016**, 92, 10-17	3.9	50
138	Hexavalent chromium induced oxidative stress and apoptosis in Pycnoporus sanguineus. *Environmental Pollution*, **2017**, 228, 128-139	9.3	48
137	Role of microbial activity in Fe(III) hydroxysulfate mineral transformations in an acid mine drainage-impacted site from the Dabaoshan Mine. *Science of the Total Environment*, **2018**, 616-617, 647-657	10.2	46
136	Effect of surfactant amendment to PAHs-contaminated soil for phytoremediation by maize (Zea mays L.). *Ecotoxicology and Environmental Safety*, **2015**, 112, 1-6	7	45
135	Effect of 2, 2Ţ 4, 4Ŧtetrabromodiphenyl ether (BDE-47) and its metabolites on cell viability, oxidative stress, and apoptosis of HepG2. *Chemosphere*, **2018**, 193, 978-988	8.4	38
134	OPFRs and BFRs induced A549 cell apoptosis by caspase-dependent mitochondrial pathway. *Chemosphere*, **2019**, 221, 693-702	8.4	37
133	Mineralogical characteristics of sediments and heavy metal mobilization along a river watershed affected by acid mine drainage. *PLoS ONE*, **2018**, 13, e0190010	3.7	37
132	Electrostatic self-assembly enabled flexible paper-based humidity sensor with high sensitivity and superior durability. *Chemical Engineering Journal*, **2021**, 404, 127105	14.7	37

131	The behavior of chromium and arsenic associated with redox transformation of schwertmannite in AMD environment. *Chemosphere*, **2019**, 222, 945-953	8.4	36
130	Ferrihydrite transformation under the impact of humic acid and Pb: kinetics, nanoscale mechanisms, and implications for C and Pb dynamics. *Environmental Science: Nano*, **2019**, 6, 747-762	7.1	35
129	Relative roles of H-atom transfer and electron transfer in the debromination of polybrominated diphenyl ethers by palladized nanoscale zerovalent iron. *Environmental Pollution*, **2017**, 222, 331-337	9.3	34
128	Cosolubilization of 4,4?-dibromodiphenyl ether, naphthalene and pyrene mixtures in various surfactant micelles. *Chemical Engineering Journal*, **2015**, 260, 74-82	14.7	34
127	Bacterial communities on soil microplastic at Guiyu, an E-Waste dismantling zone of China. *Ecotoxicology and Environmental Safety*, **2020**, 195, 110521	7	34
126	Bioremediation of triphenyl phosphate by Brevibacillus brevis: Degradation characteristics and role of cytochrome P450 monooxygenase. *Science of the Total Environment*, **2018**, 627, 1389-1395	10.2	33
125	Photocatalytic debromination of polybrominated diphenyl ethers (PBDEs) on metal doped TiO nanocomposites: Mechanisms and pathways. *Environment International*, **2019**, 127, 5-12	12.9	32
124	Debromination of polybrominated diphenyl ethers (PBDEs) and their conversion to polybrominated dibenzofurans (PBDFs) by UV light: Mechanisms and pathways. *Journal of Hazardous Materials*, **2018**, 354, 1-7	12.8	31
123	Epigenomic Landscape of Human Fetal Brain, Heart, and Liver. *Journal of Biological Chemistry*, **2016**, 291, 4386-98	5.4	31
122	Dissimilatory iron and sulfate reduction by native microbial communities using lactate and citrate as carbon sources and electron donors. *Ecotoxicology and Environmental Safety*, **2019**, 174, 524-531	7	30
121	Removal of heavy metals from acid mine drainage using chicken eggshells in column mode. *Journal of Environmental Management*, **2017**, 188, 1-8	7.9	28
120	Biodegradation of decabromodiphenyl ether (BDE-209) using a novel microbial consortium GY1: Cells viability, pathway, toxicity assessment, and microbial function prediction. *Science of the Total Environment*, **2019**, 668, 958-965	10.2	28
119	Synthesis of silica-composited biochars from alkali-fused fly ash and agricultural wastes for enhanced adsorption of methylene blue. *Science of the Total Environment*, **2020**, 729, 139055	10.2	28
118	Degradation of tris(2-chloroethyl) phosphate (TCEP) in aqueous solution by using pyrite activating persulfate to produce radicals. *Ecotoxicology and Environmental Safety*, **2019**, 174, 667-674	7	27
117	Spatial and temporal distributions of sulfur species in paddy soils affected by acid mine drainage in Dabaoshan sulfide mining area, South China. *Geoderma*, **2016**, 281, 21-29	6.7	27
116	Migration and fate of metallic elements in a waste mud impoundment and affected river downstream: A case study in Dabaoshan Mine, South China. *Ecotoxicology and Environmental Safety*, **2018**, 164, 474-483	7	27
115	Identification of novel pathways for biotransformation of tetrabromobisphenol A by Phanerochaete chrysosporium, combined with mechanism analysis at proteome level. *Science of the Total Environment*, **2019**, 659, 1352-1361	10.2	26
114	Effects of single and combined copper/perfluorooctane sulfonate on sequencing batch reactor process and microbial community in activated sludge. *Bioresource Technology*, **2017**, 238, 407-415	11	25

113	Characteristics and proteomic analysis of pyrene degradation by Brevibacillus brevis in liquid medium. *Chemosphere*, **2017**, 178, 80-87	8.4	25
112	Mechanisms and pathways of debromination of polybrominated diphenyl ethers (PBDEs) in various nano-zerovalent iron-based bimetallic systems. *Science of the Total Environment*, **2019**, 661, 18-26	10.2	25
111	Competitive solubilization of 4,4?-dibromodiphenyl ether, naphthalene, and pyrene mixtures in Triton X series surfactant micelles: The effect of hydrophilic chains. *Chemical Engineering Journal*, **2015**, 274, 84-93	14.7	25
110	Effective capture of aqueous uranium from saline lake with magnesium-based binary and ternary layered double hydroxides. *Science of the Total Environment*, **2019**, 677, 556-563	10.2	24
109	Effect of phosphate on amorphous iron mineral generation and arsenic behavior in paddy soils. *Science of the Total Environment*, **2019**, 657, 644-656	10.2	24
108	Reductive dissolution of jarosite by a sulfate reducing bacterial community: Secondary mineralization and microflora development. *Science of the Total Environment*, **2019**, 690, 1100-1109	10.2	23
107	Effects of nano bamboo charcoal on PAHs-degrading strain Sphingomonas sp. GY2B. *Ecotoxicology and Environmental Safety*, **2016**, 125, 35-42	7	22
106	Comparative transcriptomic evidence for Tween80-enhanced biodegradation of phenanthrene by Sphingomonas sp. GY2B. *Science of the Total Environment*, **2017**, 609, 1161-1171	10.2	22
105	Debromination of polybrominated diphenyl ethers (PBDEs) by zero valent zinc: Mechanisms and predicting descriptors. *Journal of Hazardous Materials*, **2018**, 352, 165-171	12.8	21
104	Rapid debromination of polybrominated diphenyl ethers (PBDEs) by zero valent metal and bimetals: Mechanisms and pathways assisted by density function theory calculation. *Environmental Pollution*, **2018**, 240, 745-753	9.3	21
103	Distribution, fractionation, and contamination assessment of heavy metals in paddy soil related to acid mine drainage. *Paddy and Water Environment*, **2017**, 15, 553-562	1.6	20
102	Uptake and distribution of cd in sweet maize grown on contaminated soils: a field-scale study. *Bioinorganic Chemistry and Applications*, **2013**, 2013, 959764	4.2	20
101	Proteomic mechanism of decabromodiphenyl ether (BDE-209) biodegradation by Microbacterium Y2 and its potential in remediation of BDE-209 contaminated water-sediment system. *Journal of Hazardous Materials*, **2020**, 387, 121708	12.8	20
100	Reductive debromination of decabromodiphenyl ether by iron sulfide-coated nanoscale zerovalent iron: mechanistic insights from Fe(II) dissolution and solvent kinetic isotope effects. *Environmental Pollution*, **2019**, 253, 161-170	9.3	19
99	Photodegradation of 4,4Ŧdibrominated diphenyl ether in Triton X-100 micellar solution. *Chemosphere*, **2017**, 180, 423-429	8.4	18
98	Effects of Pyrolysis Temperature and Holding Time on Physicochemical Properties of Swine-Manure-Derived Biochar. *Waste and Biomass Valorization*, **2020**, 11, 613-624	3.2	18
97	Cosolubilization synergism occurrence in codesorption of PAH mixtures during surfactant-enhanced remediation of contaminated soil. *Chemosphere*, **2016**, 144, 583-90	8.4	17
96	Effects of benzo [a] pyrene (BaP) on the composting and microbial community of sewage sludge. *Chemosphere*, **2019**, 222, 517-526	8.4	17

95	Oxidation degradation of tris-(2-chloroisopropyl) phosphate by ultraviolet driven sulfate radical: Mechanisms and toxicology assessment of degradation intermediates using flow cytometry analyses. *Science of the Total Environment*, **2019**, 687, 732-740	10.2	17
94	Bioaccumulation and distribution of cadmium by Burkholderia cepacia GYP1 under oligotrophic condition and mechanism analysis at proteome level. *Ecotoxicology and Environmental Safety*, **2019**, 176, 162-169	7	17
93	Fe- and S-Metabolizing Microbial Communities Dominate an AMD-Contaminated River Ecosystem and Play Important Roles in Fe and S Cycling. *Geomicrobiology Journal*, **2017**, 34, 695-705	2.5	17
92	Synergistic solubilization of low-brominated diphenyl ether mixtures in nonionic surfactant micelles. *Journal of Molecular Liquids*, **2016**, 223, 252-260	6	17
91	Effects of rhamnolipids on the cell surface characteristics of Sphingomonas sp. GY2B and the biodegradation of phenanthrene. *RSC Advances*, **2017**, 7, 24321-24330	3.7	16
90	Pyrene biodegradation with layer-by-layer assembly bio-microcapsules. *Ecotoxicology and Environmental Safety*, **2017**, 138, 9-15	7	16
89	Removal of triphenyl phosphate by nanoscale zerovalent iron (nZVI) activated bisulfite: Performance, surface reaction mechanism and sulfate radical-mediated degradation pathway. *Environmental Pollution*, **2020**, 260, 113983	9.3	16
88	Biodegradation of 2,2′,4,4′-tetrabromodiphenyl ether (BDE-47) by Phanerochaete chrysosporium in the presence of Cd. *Environmental Science and Pollution Research*, **2017**, 24, 11415-11424	5.1	15
87	Role of Dissolved Organic Matter in the Release of Chromium from Schwertmannite: Kinetics, Repartition, and Mechanisms. *Journal of Environmental Quality*, **2017**, 46, 1088-1097	3.4	15
86	Influence of co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium on the cellular characteristics of Pycnoporus sanguineus during their removal and reduction. *Ecotoxicology and Environmental Safety*, **2017**, 142, 388-398	7	14
85	Isotope geochemistry, hydrochemistry, and mineralogy of a river affected by acid mine drainage in a mining area, South China. *RSC Advances*, **2017**, 7, 43310-43318	3.7	14
84	Bioremediation of triphenyl phosphate in river water microcosms: Proteome alteration of Brevibacillus brevis and cytotoxicity assessments. *Science of the Total Environment*, **2019**, 649, 563-570	10.2	14
83	Effects of surfactant on the degradation of 2,2′,4,4′-tetrabromodiphenyl ether (BDE-47) by nanoscale Ag/Fe particles: Kinetics, mechanisms and intermediates. *Environmental Pollution*, **2019**, 245, 780-788	9.3	14
82	Molecular characteristics, proton dissociation properties, and metal binding properties of soil organic matter: A theoretical study. *Science of the Total Environment*, **2019**, 656, 521-530	10.2	14
81	Photodebromination behaviors of polybrominated diphenyl ethers in methanol/water systems: Mechanisms and predicting descriptors. *Science of the Total Environment*, **2017**, 595, 666-672	10.2	13
80	iTRAQ-based proteomic profiling of Pycnoporus sanguineus in response to co-existed tetrabromobisphenol A (TBBPA) and hexavalent chromium. *Environmental Pollution*, **2018**, 242, 1758-1767	9.3	13
79	Biodegradation of triphenyl phosphate using an efficient bacterial consortium GYY: Degradation characteristics, metabolic pathway and 16S rRNA genes analysis. *Science of the Total Environment*, **2020**, 713, 136598	10.2	12
78	Kinetics and mechanisms of phenolic compounds by Ferrate(VI) assisted with density functional theory. *Journal of Hazardous Materials*, **2021**, 415, 125563	12.8	12

77	Acidity and metallic elements release from AMD-affected river sediments: Effect of AMD standstill and dilution. *Environmental Research*, **2020**, 186, 109490	7.9	11
76	Photodegradation of 2,4,4Ŧtribrominated diphenyl ether in various surfactant solutions: kinetics, mechanisms and intermediates. *Environmental Sciences: Processes and Impacts*, **2018**, 20, 806-812	4.3	11
75	Bioremediation of Petroleum-Contaminated Acid Soil by a Constructed Bacterial Consortium Immobilized on Sawdust: Influences of Multiple Factors. *Water, Air, and Soil Pollution*, **2016**, 227, 1	2.6	11
74	Schwertmannite transformation via direct or indirect electron transfer by a sulfate reducing enrichment culture. *Environmental Pollution*, **2018**, 242, 738-748	9.3	11
73	Influence of the co-exposure of microplastics and tetrabromobisphenol A on human gut: Simulation in vitro with human cell Caco-2 and gut microbiota. *Science of the Total Environment*, **2021**, 778, 146264	10.2	11
72	Thiocyanate-induced labilization of schwertmannite: Impacts and mechanisms. *Journal of Environmental Sciences*, **2019**, 80, 218-228	6.4	11
71	Rate constants for the reaction of hydroxyl and sulfate radicals with organophosphorus esters (OPEs) determined by competition method. *Ecotoxicology and Environmental Safety*, **2019**, 170, 300-305	7	11
70	Photodegradation behaviors of polychlorinated biphenyls in methanol by UV-irradiation: Solvent adducts and sigmatropic arrangement. *Chemosphere*, **2018**, 193, 861-868	8.4	11
69	Debromination of polybrominated biphenyls (PBBs) by zero valent metals and iron-based bimetallic particles: Mechanisms, pathways and predicting descriptor. *Chemical Engineering Journal*, **2018**, 351, 773-781	14.7	11
68	Biodegradation of tricresyl phosphate isomers by Brevibacillus brevis: Degradation pathway and metabolic mechanism. *Chemosphere*, **2019**, 232, 195-203	8.4	10
67	Arsenic behavior during gallic acid-induced redox transformation of jarosite under acidic conditions. *Chemosphere*, **2020**, 255, 126938	8.4	10
66	Characterization of a di-n-butyl phthalate-degrading bacterial consortium and its application in contaminated soil. *Environmental Science and Pollution Research*, **2018**, 25, 17645-17653	5.1	10
65	Electrokinetic-Enhanced Remediation of Phenanthrene-Contaminated Soil Combined with Sphingomonas sp. GY2B and Biosurfactant. *Applied Biochemistry and Biotechnology*, **2016**, 178, 1325-38	3.2	10
64	Adsorption of Organic Compounds by Biomass Chars: Direct Role of Aromatic Condensation (Ring Cluster Size) Revealed by Experimental and Theoretical Studies. *Environmental Science & Technology*, **2021**, 55, 1594-1603	10.3	10
63	Lignocellulose Enabled Highly Transparent Nanopaper with Tunable Ultraviolet-Blocking Performance and Superior Durability. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 17033-17041	8.3	9
62	Fate of oxalic-acid-intervened arsenic during Fe(II)-induced transformation of As(V)-bearing jarosite. *Science of the Total Environment*, **2020**, 719, 137311	10.2	9
61	Debromination of 2,2Ţ4,4Ŧtetrabromodiphenyl ether (BDE-47) by synthetic Pd/Fe and Cu/Fe in different protic solvents. *Chemosphere*, **2018**, 212, 946-953	8.4	9
60	Pyrene Degradation by Mycobacterium gilvum: Metabolites and Proteins Involved. *Water, Air, and Soil Pollution*, **2019**, 230, 1	2.6	8

59	A bio-hybrid material for adsorption and degradation of phenanthrene: bacteria immobilized on sawdust coated with a silica layer. *RSC Advances*, **2016**, 6, 107189-107199	3.7	8
58	Multifunctional Organohydrogel-Based Ionic Skin for Capacitance and Temperature Sensing toward Intelligent Skin-like Devices. *Chemistry of Materials*,	9.6	8
57	Effects of aging on surface properties and endogenous copper and zinc leachability of swine manure biochar and its composite with alkali-fused fly ash. *Waste Management*, **2021**, 126, 400-410	8.6	8
56	Removal of heavy metal ions and polybrominated biphenyl ethers by sulfurized nanoscale zerovalent iron: Compound effects and removal mechanism. *Journal of Hazardous Materials*, **2021**, 414, 125555	12.8	8
55	Co-metabolic and biochar-promoted biodegradation of mixed PAHs by highly efficient microbial consortium QY1. *Journal of Environmental Sciences*, **2021**, 107, 65-76	6.4	8
54	Cadmium-induced stress response of Phanerochaete chrysosporium during the biodegradation of 2,2Ţ4,4Ŧtetrabromodiphenyl ether (BDE-47). *Ecotoxicology and Environmental Safety*, **2018**, 154, 45-51	7	7
53	Transformation of cadmium-associated schwertmannite and subsequent element repartitioning behaviors. *Environmental Science and Pollution Research*, **2019**, 26, 617-627	5.1	7
52	Degradation mechanism, intermediates and toxicology assessment of tris-(2-chloroisopropyl) phosphate using ultraviolet activated hydrogen peroxide. *Chemosphere*, **2020**, 241, 124991	8.4	7
51	Modeling coupled kinetics of antimony adsorption/desorption and oxidation on manganese oxides. *Environmental Sciences: Processes and Impacts*, **2018**, 20, 1691-1696	4.3	7
50	Microbial Reduction of Cr (VI)-loaded Schwertmannite by Shewanella oneidensis MR-1. *Geomicrobiology Journal*, **2018**, 35, 727-734	2.5	7
49	Enhanced bioremediation of 2,3Ţ4,4Ţ5-pentachlorodiphenyl by consortium GYB1 immobilized on sodium alginate-biochar. *Science of the Total Environment*, **2021**, 788, 147774	10.2	7
48	Effect of nitrate on the phototreatment of Triton X-100 simulated washing waste containing 4,4Ŧdibromodiphenyl ether: Kinetics, products and toxicity assessment. *Science of the Total Environment*, **2020**, 732, 139247	10.2	6
47	Effect of Cu(II) on the stability of oxyanion-substituted schwertmannite. *Environmental Science and Pollution Research*, **2018**, 25, 15492-15506	5.1	6
46	Photocatalytic degradation of polybrominated biphenyls (PBBs) on metal doped TiO2 nanocomposites in aqueous environments: mechanisms and solution effects. *Environmental Science: Nano*, **2019**, 6, 1111-1120	7.1	6
45	Modeling Sorptive Fractionation of Organic Matter at the Mineral-Water Interface. *Soil Science Society of America Journal*, **2019**, 83, 107-117	2.5	5
44	Cellular changes of microbial consortium GY1 during decabromodiphenyl ether (BDE-209) biodegradation and identification of strains responsible for BDE-209 degradation in GY1. *Chemosphere*, **2020**, 249, 126205	8.4	5
43	Effects of eggshell addition on calcium-deficient acid soils contaminated with heavy metals. *Frontiers of Environmental Science and Engineering*, **2018**, 12, 1	5.8	5
42	Bacterial communities and functional genes stimulated during phenanthrene degradation in soil by bio-microcapsules. *Ecotoxicology and Environmental Safety*, **2021**, 212, 111970	7	5

41	Spatial distribution characteristics of the microbial community and multi-phase distribution of toxic metals in the geochemical gradients caused by acid mine drainage, South China. *Science of the Total Environment*, **2021**, 774, 145660	10.2	5
40	Simultaneous adsorption of Cd and photocatalytic degradation of tris-(2-chloroisopropyl) phosphate (TCPP) by mesoporous TiO. *Chemosphere*, **2021**, 267, 129238	8.4	5
39	Sulfate-reducing bacterial community shifts in response to acid mine drainage in the sediment of the Hengshi watershed, South China. *Environmental Science and Pollution Research*, **2021**, 28, 2822-2834	5.1	5
38	A collaborative strategy for elevated reduction and immobilization of Cr(VI) using nano zero valent iron assisted by schwertmannite: Removal performance and mechanism. *Journal of Hazardous Materials*, **2022**, 422, 126952	12.8	5
37	Degradation of 2,2Ţ4,4Ŧtetrabromodiphenyl ether by Pycnoporus sanguineus in the presence of copper ions. *Journal of Environmental Sciences*, **2019**, 83, 133-143	6.4	4
36	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. *Journal of Hazardous Materials*, **2020**, 399, 123004	12.8	4
35	Oxalate-Induced Photoreduction Dissolution and Transformation of Schwertmannite: Change of Mineral Phase and Elemental Fate. *ACS Earth and Space Chemistry*, **2020**, 4, 2031-2040	3.2	4
34	Photoassisted degradation of 2,2Ţ4,4Ŧtetrabrominated diphenyl ether in simulated soil washing system containing Triton X series surfactants. *Environmental Pollution*, **2020**, 265, 115005	9.3	4
33	Mobilization of arsenic during reductive dissolution of As(V)-bearing jarosite by a sulfate reducing bacterium. *Journal of Hazardous Materials*, **2021**, 402, 123717	12.8	4
32	Effects of methanol on the performance of a novel BDE-47 degrading bacterial consortium QY2 in the co-metabolism process. *Journal of Hazardous Materials*, **2021**, 415, 125698	12.8	4
31	Debromination of polybrominated diphenyl ethers (PBDEs) by palladized zerovalent zinc particles: Influence factors, pathways and mechanism. *Chemosphere*, **2020**, 253, 126726	8.4	3
30	Experimental and theoretical investigations on debromination pathways of polybrominated biphenyls (PBBs) under ultraviolet light. *Chemosphere*, **2018**, 212, 1-7	8.4	3
29	Modeling coupled kinetics of arsenic adsorption/desorption and oxidation in ferrihydrite-Mn(II)/manganese (oxyhydr)oxides systems. *Chemosphere*, **2020**, 244, 125517	8.4	3
28	Application of Ag/TiO2 in photocatalytic degradation of 2,2?,4,4?-tetrabromodiphenyl ether in simulated washing waste containing Triton X-100. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105077	6.8	3
27	Photochemical reactivity of nitrogen-doped biochars under simulated sunlight irradiation: Generation of singlet oxygen. *Journal of Hazardous Materials*, **2021**, 410, 124547	12.8	3
26	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. *Science of the Total Environment*, **2021**, 792, 148523	10.2	3
25	Co-metabolic degradation of tetrabromobisphenol A by Pseudomonas aeruginosa and its auto-poisoning effect caused during degradation process. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110919	7	2
24	Fault-tolerant control of nonlinear system. *International Journal of Control, Automation and Systems* , **2011**, 9, 1116-1123	2.9	2

23	Soil rehabilitation shaped different patterns of bacterial and archaeal community in AMD-irrigated paddy soil. *Chemosphere*, **2021**, 263, 128259	8.4	2
22	Transcriptome profiling of Pseudomonas aeruginosa YH reveals mechanisms of 2, 2Ţ 4, 4Ŧtetrabrominated diphenyl ether tolerance and biotransformation. *Journal of Hazardous Materials* , **2021**, 403, 124038	12.8	2
21	Decontamination of dense nonaqueous-phase liquids in groundwater using pump-and-treat and chemical oxidation processes: a field test.. *RSC Advances*, **2021**, 11, 4237-4246	3.7	2
20	Mechanisms of Cr(VI) adsorption on schwertmannite under environmental disturbance: Changes in surface complex structures. *Journal of Hazardous Materials*, **2021**, 416, 125781	12.8	2
19	Degradation of Tris (2-Chloroethyl) Phosphate via UV/Fe(III) Photocatalysis: Kinetics, Products, and Toxicity Assessment. *Water, Air, and Soil Pollution*, **2021**, 232, 1	2.6	2
18	Integrated ecological risk assessment of heavy metals in an oil shale mining area after restoration. *Journal of Environmental Management*, **2021**, 300, 113797	7.9	2
17	Nanocellulose-templated carbon nanotube enhanced conductive organohydrogel for highly-sensitive strain and temperature sensors. *Cellulose*,1	5.5	2
16	Remediation of Cd-, Pb-, Cu-, and Zn-contaminated soil using cow bone meal and oyster shell meal.. *Ecotoxicology and Environmental Safety*, **2021**, 229, 113073	7	1
15	Degradation of tris(2-chloroethyl) phosphate (TCEP) by thermally activated persulfate: Combination of experimental and theoretical study. *Science of the Total Environment*, **2021**, 809, 152185	10.2	1
14	Effects of adsorbed phosphate on jarosite reduction by a sulfate reducing bacterium and associated mineralogical transformation. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110921	7	1
13	Arsenic Partitioning during Schwertmannite Dissolution and Recrystallization in the Presence of Fe(II) and Oxalic Acid. *ACS Earth and Space Chemistry*, **2021**, 5, 1058-1070	3.2	1
12	Effects of ferric ion on the photo-treatment of nonionic surfactant Brij35 washing waste containing 2,2Ţ4,4Ŧterabromodiphenyl ether. *Journal of Hazardous Materials*, **2021**, 415, 125572	12.8	1
11	Sulfate migration and transformation characteristics in paddy soil profile affected by acid mine drainage. *Environmental Research*, **2021**, 200, 111732	7.9	1
10	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. *Science of the Total Environment*, **2021**, 785, 147367	10.2	1
9	Efficient removal of organophosphate esters by ligand functionalized MIL-101 (Fe): Modulated adsorption and DFT calculations.. *Chemosphere*, **2022**, 302, 134881	8.4	1
8	Large-Scale Manufacture of Recyclable Bioplastics from Renewable Cellulosic Biomass Derived from Softwood Kraft Pulp. *ACS Applied Polymer Materials*, **2022**, 4, 1334-1343	4.3	0
7	Hierarchical health risk assessment and influence factors of an ecological post-restoration oil shale mining area based on metal bioavailability.. *Science of the Total Environment*, **2022**, 821, 153480	10.2	0
6	Differential regulation and the underlying mechanisms of clay minerals to Escherichia coli under the stress of polymyxin B: Comparing halloysite with kaolinite. *Chemosphere*, **2021**, 265, 129095	8.4	0

5	Photodegradation of Decabrominated Diphenyl Ether in Soil Suspensions: Kinetics, Mechanisms and Intermediates. *Processes*, **2022**, 10, 718	2.9	0
4	Spatial and temporal variations of metal fractions in paddy soil flooding with acid mine drainage.. *Environmental Research*, **2022**, 212, 113241	7.9	0
3	Effect of anthraquinone-2,6-disulfonate on the photolysis of 2,4,4Ŧtribromophenylphenyl ether. *Photochemical and Photobiological Sciences*, **2017**, 16, 908-915	4.2	
2	Isolation and characterization of phenanthrene-degrading strain Sphingomonas sp. GY2B. *Diqiu Huaxue*, **2006**, 25, 109-109		
1	Modeling and prediction of soil sorption coefficients of polycyclic aromatic hydrocarbons using quantum chemical descriptors. *Diqiu Huaxue*, **2006**, 25, 182-183		