Lizhong Zhu

List of Publications by Year in Descending Order

239 papers	14,663 citations	62 h-index	113 g-index
246 ext. papers	16,672 ext. citations	8.9 avg, IF	7.2 L-index

#	Paper	IF	Citations
239	Film mulching reduces antibiotic resistance genes in the phyllosphere of lettuce.. *Journal of Environmental Sciences*, **2022**, 112, 121-128	6.4	1
238	Residual chlorine disrupts the microbial communities and spreads antibiotic resistance in freshwater. *Journal of Hazardous Materials*, **2022**, 423, 127152	12.8	16
237	Formation and Cytotoxicity of Halophenylacetamides: A New Group of Nitrogenous Aromatic Halogenated Disinfection Byproducts in Drinking Water.. *Environmental Science & Technology*, **2022**,	10.3	4
236	Molecular mechanism of antibiotic resistance induced by mono- and twin-chained quaternary ammonium compounds.. *Science of the Total Environment*, **2022**, 155090	10.2	1
235	Halonaphthoquinones: A group of emerging disinfection byproducts of high toxicity in drinking water.. *Water Research*, **2022**, 217, 118421	12.5	1
234	Human viruses lurking in the environment activated by excessive use of COVID-19 prevention supplies.. *Environment International*, **2022**, 163, 107192	12.9	0
233	Formation of chlorinated halobenzoquinones during chlorination of free aromatic amino acids.. *Science of the Total Environment*, **2022**, 825, 153904	10.2	1
232	Effects of iron mineral adhesion on bacterial conjugation: Interfering the transmission of antibiotic resistance genes through an interfacial process.. *Journal of Hazardous Materials*, **2022**, 435, 128889	12.8	0
231	Quantitative identification of halo-methyl-benzoquinones as disinfection byproducts in drinking water using a pseudo-targeted LC-MS/MS method.. *Water Research*, **2022**, 218, 118466	12.5	0
230	Application of ⊞FeO nanoparticles in controlling antibiotic resistance gene transport and interception in porous media.. *Science of the Total Environment*, **2022**, 155271	10.2	0
229	Halohydroxybenzonitriles as a new group of halogenated aromatic DBPs in drinking water: Are they of comparable risk to halonitrophenols?. *Water Research*, **2022**, 219, 118547	12.5	1
228	Molecular composition of halobenzoquinone precursors in natural organic matter in source water. *Water Research*, **2021**, 209, 117901	12.5	3
227	Multistage Defense System Activated by Tetrachlorobiphenyl and its Hydroxylated and Methoxylated Derivatives in. *Environmental Science & Technology*, **2021**, 55, 4889-4898	10.3	7
226	Binding Force and Site-Determined Desorption and Fragmentation of Antibiotic Resistance Genes from Metallic Nanomaterials. *Environmental Science & Technology*, **2021**, 55, 9305-9316	10.3	3
225	Iron Sulfide Enhanced the Dechlorination of Trichloroethene by Strain 195. *Frontiers in Microbiology* , **2021**, 12, 665281	5.7	1
224	Organophosphorus pesticides in greenhouse and open-field soils across China: Distribution characteristic, polluted pathway and health risk. *Science of the Total Environment*, **2021**, 765, 142757	10.2	13
223	Remediation of soil contaminated with organic compounds by nanoscale zero-valent iron: A review. *Science of the Total Environment*, **2021**, 760, 143413	10.2	18

222	Synergistic remediation of PCB-contaminated soil with nanoparticulate zero-valent iron and alfalfa: targeted changes in the root metabolite-dependent microbial community. *Environmental Science: Nano*, **2021**, 8, 986-999	7.1	4
221	Triton X-100 improves the reactivity and selectivity of sulfidized nanoscale zerovalent iron toward tetrabromobisphenol A: Implications for groundwater and soil remediation. *Journal of Hazardous Materials*, **2021**, 416, 126119	12.8	6
220	Nano-Zoo Interfacial Interaction as a Design Principle for Hybrid Soil Remediation Technology. *ACS Nano*, **2021**, 15, 14954-14964	16.7	3
219	Effects of biochar aging in the soil on its mechanical property and performance for soil CO and NO emissions. *Science of the Total Environment*, **2021**, 782, 146824	10.2	17
218	Disturbed phospholipid metabolism by three polycyclic aromatic hydrocarbons in Oryza sativa. *Environmental Pollution*, **2021**, 283, 117073	9.3	2
217	Transformation of emerging disinfection byproducts Halobenzoquinones to haloacetic acids during chlorination of drinking water. *Chemical Engineering Journal*, **2021**, 418, 129326	14.7	13
216	Increased disinfection byproducts in the air resulting from intensified disinfection during the COVID-19 pandemic. *Journal of Hazardous Materials*, **2021**, 418, 126249	12.8	4
215	Occurrence and risk assessment of pharmaceuticals and personal care products (PPCPs) against COVID-19 in lakes and WWTP-river-estuary system in Wuhan, China. *Science of the Total Environment*, **2021**, 792, 148352	10.2	18
214	Co-occurrence of crAssphage and antibiotic resistance genes in agricultural soils of the Yangtze River Delta, China. *Environment International*, **2021**, 156, 106620	12.9	5
213	Impact of a super typhoon on heavy metal distribution, migration, availability in agricultural soils. *Environmental Pollution*, **2021**, 289, 117835	9.3	3
212	A Super Typhoon Disturbs Organic Contamination in Agricultural Soils. *Environmental Science and Technology Letters*, **2021**, 8, 237-243	11	1
211	Haloquinone Chloroimides as Toxic Disinfection Byproducts Identified in Drinking Water. *Environmental Science & Technology*, **2021**,	10.3	3
210	Role of Pyrogenic Carbon in Parallel Microbial Reduction of Nitrobenzene in the Liquid and Sorbed Phases. *Environmental Science & Technology*, **2020**, 54, 8760-8769	10.3	10
209	Contamination of pyrethroids in agricultural soils from the Yangtze River Delta, China. *Science of the Total Environment*, **2020**, 731, 139181	10.2	7
208	Photosynthesis and related metabolic mechanism of promoted rice (Oryza sativa L.) growth by TiO2 nanoparticles. *Frontiers of Environmental Science and Engineering*, **2020**, 14, 1	5.8	14
207	Antibiotic resistance genes (ARGs) in agricultural soils from the Yangtze River Delta, China. *Science of the Total Environment*, **2020**, 740, 140001	10.2	23
206	Airborne microorganisms exacerbate the formation of atmospheric ammonium and sulfate. *Environmental Pollution*, **2020**, 263, 114293	9.3	10
205	Metabolomic and Transcriptomic Investigation of Metabolic Perturbations in L. Triggered by Three Pesticides. *Environmental Science & Technology*, **2020**, 54, 6115-6124	10.3	19

204	A three-phase-successive partition-limited model to predict plant accumulation of organic contaminants from soils treated with surfactants. *Environmental Pollution*, **2020**, 261, 114071	9.3	5
203	Enhanced reactivity and mechanisms of mesoporous carbon supported zero-valent iron composite for trichloroethylene removal in batch studies. *Science of the Total Environment*, **2020**, 718, 137256	10.2	6
202	Effect of TiO2 content on the properties of polysulfone nanofiltration membranes modified with a layer of TiO2graphene oxide. *Separation and Purification Technology*, **2020**, 242, 116770	8.3	31
201	Phytotoxicity and metabolic responses induced by tetrachlorobiphenyl and its hydroxylated and methoxylated derivatives in rice (Oryza sative L.). *Environment International*, **2020**, 139, 105695	12.9	14
200	Pollution characteristics and health risk assessment of phthalate esters in agricultural soil and vegetables in the Yangtze River Delta of China. *Science of the Total Environment*, **2020**, 726, 137978	10.2	25
199	Contamination of pyrethroids and atrazine in greenhouse and open-field agricultural soils in China. *Science of the Total Environment*, **2020**, 701, 134916	10.2	16
198	Structures of nitroaromatic compounds induce Shewanella oneidensis MR-1 to adopt different electron transport pathways to reduce the contaminants. *Journal of Hazardous Materials*, **2020**, 384, 121495	12.8	9
197	Effect and mechanism of biochar on CO and NO emissions under different nitrogen fertilization gradient from an acidic soil. *Science of the Total Environment*, **2020**, 747, 141265	10.2	10
196	Occurrence, Formation, and Oxidative Stress of Emerging Disinfection Byproducts, Halobenzoquinones, in Tea. *Environmental Science & Technology*, **2019**, 53, 11860-11868	10.3	16
195	Metabolomics and transcriptomics reveal defense mechanism of rice (Oryza sativa) grains under stress of 2,2$4,4$tetrabromodiphenyl ether. *Environment International*, **2019**, 133, 105154	12.9	23
194	Environmentally Relevant Concentrations of the Flame Retardant Tris(1,3-dichloro-2-propyl) Phosphate Inhibit the Growth and Reproduction of Earthworms in Soil. *Environmental Science and Technology Letters*, **2019**, 6, 277-282	11	22
193	Effect of oxidation-induced aging on the adsorption and co-adsorption of tetracycline and Cu onto biochar. *Science of the Total Environment*, **2019**, 673, 522-532	10.2	41
192	Effects of mixed surfactants on the bioaccumulation of polycyclic aromatic hydrocarbons (PAHs) in crops and the bioremediation of contaminated farmlands. *Science of the Total Environment*, **2019**, 646, 1211-1218	10.2	11
191	Multimedia modeling of the PAH concentration and distribution in the Yangtze River Delta and human health risk assessment. *Science of the Total Environment*, **2019**, 647, 962-972	10.2	33
190	Addition of Shewanella oneidensis MR-1 to the Dehalococcoides-containing culture enhances the trichloroethene dechlorination. *Environment International*, **2019**, 133, 105245	12.9	8
189	Occurrence and distribution of antibiotics and resistance genes in greenhouse and open-field agricultural soils in China. *Chemosphere*, **2019**, 224, 900-909	8.4	35
188	Enhanced microbial degradation of benzo[a]pyrene by chemical oxidation. *Science of the Total Environment*, **2019**, 653, 1293-1300	10.2	16
187	Mixed-surfactant-enhanced phytoremediation of PAHs in soil: Bioavailability of PAHs and responses of microbial community structure. *Science of the Total Environment*, **2019**, 653, 658-666	10.2	25

186	Nanoparticle TiO size and rutile content impact bioconcentration and biomagnification from algae to daphnia. *Environmental Pollution*, **2019**, 247, 421-430	9.3	33
185	Prediction of organic contaminant uptake by plants: Modified partition-limited model based on a sequential ultrasonic extraction procedure. *Environmental Pollution*, **2019**, 246, 124-130	9.3	11
184	Insight into Multiple and Multilevel Structures of Biochars and Their Potential Environmental Applications: A Critical Review. *Environmental Science & Technology*, **2018**, 52, 5027-5047	10.3	349
183	The phytotoxicities of decabromodiphenyl ether (BDE-209) to different rice cultivars (Oryza sativa L.). *Environmental Pollution*, **2018**, 235, 692-699	9.3	30
182	Mitigation and Remediation for Organic Contaminated Soils by Surfactants **2018**, 629-644		1
181	Biochar alters microbial community and carbon sequestration potential across different soil pH. *Science of the Total Environment*, **2018**, 622-623, 1391-1399	10.2	122
180	Metabolomic analysis of two rice (Oryza sativa) varieties exposed to 2, 2$ 4, 4Stetrabromodiphenyl ether. *Environmental Pollution*, **2018**, 237, 308-317	9.3	21
179	Phthalate esters and organochlorine pesticides in agricultural soils and vegetables from fast-growing regions: a case study from eastern China. *Environmental Science and Pollution Research* , **2018**, 25, 34-42	5.1	33
178	Organophosphate pesticide in agricultural soils from the Yangtze River Delta of China: concentration, distribution, and risk assessment. *Environmental Science and Pollution Research*, **2018**, 25, 4-11	5.1	33
177	Uptake, translocation, and metabolism of hydroxylated and methoxylated polychlorinated biphenyls in maize, wheat, and rice. *Environmental Science and Pollution Research*, **2018**, 25, 12-17	5.1	10
176	Sorption of phenanthrene to biochar modified by base. *Frontiers of Environmental Science and Engineering*, **2018**, 12, 1	5.8	45
175	Formation of hydroxylated and methoxylated polychlorinated biphenyls by Bacillus subtilis: New insights into microbial metabolism. *Science of the Total Environment*, **2018**, 613-614, 54-61	10.2	23
174	Organic contamination and remediation in the agricultural soils of China: A critical review. *Science of the Total Environment*, **2018**, 615, 724-740	10.2	152
173	Separated pathways for biochar to affect soil NO emission under different moisture contents. *Science of the Total Environment*, **2018**, 645, 887-894	10.2	22
172	Enhanced organic contaminants accumulation in crops: Mechanisms, interactions with engineered nanomaterials in soil. *Environmental Pollution*, **2018**, 240, 51-59	9.3	22
171	Spatial distributions of hexachlorobutadiene in agricultural soils from the Yangtze River Delta region of China. *Environmental Science and Pollution Research*, **2018**, 25, 3378-3385	5.1	3
170	Effect of copper on the translocation and transformation of polychlorinated biphenyls in rice. *Chemosphere*, **2018**, 193, 514-520	8.4	5
169	Effects of biochar on CH4 emission with straw application on paddy soil. *Journal of Soils and Sediments*, **2018**, 18, 599-609	3.4	24

168	Comparison of greenhouse and open field cultivations across China: Soil characteristics, contamination and microbial diversity. *Environmental Pollution*, **2018**, 243, 1509-1516	9.3	23
167	Impact of biochar on soil NO emissions under different biochar-carbon/fertilizer-nitrogen ratios at a constant moisture condition on a silt loam soil. *Science of the Total Environment*, **2017**, 584-585, 776-782	10.2	57
166	Effects and mechanisms of biochar-microbe interactions in soil improvement and pollution remediation: A review. *Environmental Pollution*, **2017**, 227, 98-115	9.3	381
165	Nanoparticle interactions with co-existing contaminants: joint toxicity, bioaccumulation and risk. *Nanotoxicology*, **2017**, 11, 591-612	5.3	172
164	Spatial distribution, emission source and health risk of parent PAHs and derivatives in surface soils from the Yangtze River Delta, eastern China. *Chemosphere*, **2017**, 178, 301-308	8.4	67
163	Self-cleaning liner for halogenated hydrocarbon control in landfill leachate. *Scientific Reports*, **2017**, 7, 14140	4.9	
162	Sugar Cane-Converted Graphene-like Material for the Superhigh Adsorption of Organic Pollutants from Water via Coassembly Mechanisms. *Environmental Science & Technology*, **2017**, 51, 12644-12652	10.3	40
161	Antibiotics in the agricultural soils from the Yangtze River Delta, China. *Chemosphere*, **2017**, 189, 301-308	8.4	85
160	Enhanced treatment of dispersed dye-production wastewater by self-assembled organobentonite in a one-step process with poly-aluminium chloride. *Scientific Reports*, **2017**, 7, 6843	4.9	7
159	The role of artificial root exudate components in facilitating the degradation of pyrene in soil. *Scientific Reports*, **2017**, 7, 7130	4.9	34
158	Contamination characteristics and source apportionment of methylated PAHs in agricultural soils from Yangtze River Delta, China. *Environmental Pollution*, **2017**, 230, 927-935	9.3	18
157	Metabolomics analysis of TiO nanoparticles induced toxicological effects on rice (Oryza sativa L.). *Environmental Pollution*, **2017**, 230, 302-310	9.3	104
156	Atrazine contamination in agricultural soils from the Yangtze River Delta of China and associated health risks. *Environmental Geochemistry and Health*, **2017**, 39, 369-378	4.7	26
155	Transformation of hydroxylated and methoxylated 2,2$4,4$5-brominated diphenyl ether (BDE-99) in plants. *Journal of Environmental Sciences*, **2016**, 49, 197-202	6.4	6
154	Current status and temporal trend of heavy metals in farmland soil of the Yangtze River Delta Region: Field survey and meta-analysis. *Environmental Pollution*, **2016**, 219, 329-336	9.3	89
153	Optimized porous clay heterostructure for removal of acetaldehyde and toluene from indoor air. *Frontiers of Environmental Science and Engineering*, **2016**, 10, 219-228	5.8	4
152	Contamination of phthalate esters, organochlorine pesticides and polybrominated diphenyl ethers in agricultural soils from the Yangtze River Delta of China. *Science of the Total Environment*, **2016**, 544, 670-6	10.2	106
151	Estimating Emissions and Environmental Fate of Di-(2-ethylhexyl) Phthalate in Yangtze River Delta, China: Application of Inverse Modeling. *Environmental Science & Technology*, **2016**, 50, 2450-8	10.3	17

150	Sorption of polycyclic aromatic hydrocarbons to soils enhanced by heavy metals: perspective of molecular interactions. *Journal of Soils and Sediments*, **2016**, 16, 1509-1518	3.4	18
149	Interconversion between Methoxylated and Hydroxylated Polychlorinated Biphenyls in Rice Plants: An Important but Overlooked Metabolic Pathway. *Environmental Science & Technology*, **2016**, 50, 3668-75	10.3	29
148	Detection of methoxylated and hydroxylated polychlorinated biphenyls in sewage sludge in China with evidence for their microbial transformation. *Scientific Reports*, **2016**, 6, 29782	4.9	17
147	Evaluating bioavailability of organic pollutants in soils by sequential ultrasonic extraction procedure. *Chemosphere*, **2016**, 156, 21-29	8.4	29
146	Durability of organobentonite-amended liner for decelerating chloroform transport. *Chemosphere*, **2016**, 149, 343-50	8.4	7
145	Toxicity of perfluorooctane sulfonate and perfluorooctanoic acid to Escherichia coli: Membrane disruption, oxidative stress, and DNA damage induced cell inactivation and/or death. *Environmental Pollution*, **2016**, 214, 806-815	9.3	82
144	Shifts in microbial community structure during in situ surfactant-enhanced bioremediation of polycyclic aromatic hydrocarbon-contaminated soil. *Environmental Science and Pollution Research*, **2016**, 23, 14451-61	5.1	59
143	Polychlorinated biphenyls in agricultural soils from the Yangtze River Delta of China: Regional contamination characteristics, combined ecological effects and human health risks. *Chemosphere*, **2016**, 163, 422-428	8.4	25
142	Reduced carbon sequestration potential of biochar in acidic soil. *Science of the Total Environment*, **2016**, 572, 129-137	10.2	63
141	Graphene-coated materials using silica particles as a framework for highly efficient removal of aromatic pollutants in water. *Scientific Reports*, **2015**, 5, 11641	4.9	61
140	A new speciation scheme of soil polycyclic aromatic hydrocarbons for risk assessment. *Journal of Soils and Sediments*, **2015**, 15, 1139-1149	3.4	23
139	Synergetic effect of a pillared bentonite support on SE(VI) removal by nanoscale zero valent iron. *Applied Catalysis B: Environmental*, **2015**, 174-175, 329-335	21.8	86
138	Combined (1)H NMR and LSER study for the compound-specific interactions between organic contaminants and organobentonites. *Journal of Colloid and Interface Science*, **2015**, 460, 119-27	9.3	4
137	Tricrystalline TiO2 with enhanced photocatalytic activity and durability for removing volatile organic compounds from indoor air. *Journal of Environmental Sciences*, **2015**, 32, 189-95	6.4	18
136	Acid-assisted hydrothermal synthesis of nanocrystalline TiO2 from titanate nanotubes: influence of acids on the photodegradation of gaseous toluene. *Journal of Environmental Sciences*, **2015**, 27, 232-40	6.4	14
135	Fixed-bed study and modeling of selective phenanthrene removal from surfactant solutions. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 470, 100-107	5.1	5
134	Gene expression of an arthrobacter in surfactant-enhanced biodegradation of a hydrophobic organic compound. *Environmental Science & Technology*, **2015**, 49, 3698-704	10.3	36
133	Quantification of chemical states, dissociation constants and contents of oxygen-containing groups on the surface of biochars produced at different temperatures. *Environmental Science & Technology*, **2015**, 49, 309-17	10.3	205

132	Controlling microbiological interfacial behaviors of hydrophobic organic compounds by surfactants in biodegradation process. *Frontiers of Environmental Science and Engineering*, **2014**, 8, 305-315	5.8	17
131	Effect of surfactant on phenanthrene metabolic kinetics by Citrobacter sp. SA01. *Journal of Environmental Sciences*, **2014**, 26, 2298-306	6.4	8
130	Transformation, morphology, and dissolution of silicon and carbon in rice straw-derived biochars under different pyrolytic temperatures. *Environmental Science & Technology*, **2014**, 48, 3411-9	10.3	276
129	Surfactant-modified fatty acid composition of Citrobacter sp. SA01 and its effect on phenanthrene transmembrane transport. *Chemosphere*, **2014**, 107, 58-64	8.4	22
128	Sorption characteristics of nitrosodiphenylamine (NDPhA) and diphenylamine (DPhA) onto organo-bentonite from aqueous solution. *Chemical Engineering Journal*, **2014**, 240, 487-493	14.7	22
127	Enhancing plant-microbe associated bioremediation of phenanthrene and pyrene contaminated soil by SDBS-Tween 80 mixed surfactants. *Journal of Environmental Sciences*, **2014**, 26, 1071-9	6.4	35
126	Considerations to improve adsorption and photocatalysis of low concentration air pollutants on TiO2. *Catalysis Today*, **2014**, 225, 24-33	5.3	62
125	Influences and mechanisms of surfactants on pyrene biodegradation based on interactions of surfactant with a Klebsiella oxytoca strain. *Bioresource Technology*, **2013**, 142, 454-61	11	88
124	Optimizing Nanoscale TiO2 for Adsorption-Enhanced Photocatalytic Degradation of Low-Concentration Air Pollutants. *ChemCatChem*, **2013**, 5, 3114-3123	5.2	25
123	Removal of polycyclic aromatic hydrocarbons from surfactant solutions by selective sorption with organo-bentonite. *Chemical Engineering Journal*, **2013**, 233, 251-257	14.7	41
122	Highly efficient indoor air purification using adsorption-enhanced-photocatalysis-based microporous TiO2 at short residence time. *Environmental Technology (United Kingdom)*, **2013**, 34, 1447-54	2.6	14
121	Subcellular distribution of fluoranthene in Chlorella vulgaris with the presence of cetyltrimethylammonium chloride. *Chemosphere*, **2013**, 90, 929-35	8.4	4
120	Effect of central ventilation and air conditioner system on the concentration and health risk from airborne polycyclic aromatic hydrocarbons. *Journal of Environmental Sciences*, **2013**, 25, 531-6	6.4	11
119	Utilizing surfactants to control the sorption, desorption, and biodegradation of phenanthrene in soil-water system. *Journal of Environmental Sciences*, **2013**, 25, 1355-61	6.4	11
118	Distribution, input pathway and soil-air exchange of polycyclic aromatic hydrocarbons in Banshan Industry Park, China. *Science of the Total Environment*, **2013**, 444, 177-82	10.2	39
117	Enhanced soil washing of phenanthrene by a plant-derived natural biosurfactant, Sapindus saponin. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 425, 122-128	5.1	58
116	Evaluation of the application potential of bentonites in phenanthrene bioremediation by characterizing the biofilm community. *Bioresource Technology*, **2013**, 134, 17-23	11	20
115	Enhanced sorption of naphthalene and p-nitrophenol by nano-SiO2 modified with a cationic surfactant. *Water Research*, **2013**, 47, 4006-12	12.5	31

114	Effects of water chemistry on the dissolution of ZnO nanoparticles and their toxicity to Escherichia coli. *Environmental Pollution*, **2013**, 173, 97-102	9.3	164
113	Effects of Tween 80 on the removal, sorption and biodegradation of pyrene by Klebsiella oxytoca PYR-1. *Environmental Pollution*, **2012**, 164, 169-74	9.3	64
112	Removal of polycyclic aromatic hydrocarbons and phenols from coking wastewater by simultaneously synthesized organobentonite in a one-step process. *Journal of Environmental Sciences*, **2012**, 24, 248-53	6.4	23
111	Effect of soil components on the surfactant-enhanced soil sorption of PAHs. *Journal of Soils and Sediments*, **2012**, 12, 161-168	3.4	19
110	Effect of surfactant-induced cell surface modifications on electron transport system and catechol 1,2-dioxygenase activities and phenanthrene biodegradation by Citrobacter sp. SA01. *Bioresource Technology*, **2012**, 123, 42-8	11	48
109	Effect of a cationic surfactant on the volatilization of PAHs from soil. *Environmental Science and Pollution Research*, **2012**, 19, 1515-23	5.1	14
108	Toxicity of ZnO nanoparticles to Escherichia coli: mechanism and the influence of medium components. *Environmental Science & Technology*, **2011**, 45, 1977-83	10.3	555
107	Effect of nutrient conditions on the toxicity of naphthalene to Chlorella pyrenoidosa. *Journal of Environmental Sciences*, **2011**, 23, 307-14	6.4	11
106	Solubilization properties of polycyclic aromatic hydrocarbons by saponin, a plant-derived biosurfactant. *Environmental Pollution*, **2011**, 159, 1198-204	9.3	74
105	Oxalate enhanced mechanism of hydroxyl-Fe-pillared bentonite during the degradation of Orange II by UV-Fenton process. *Journal of Hazardous Materials*, **2011**, 185, 1477-81	12.8	33
104	Adsorption and conformation of a cationic surfactant on single-walled carbon nanotubes and their influence on naphthalene sorption. *Environmental Science & Technology*, **2010**, 44, 681-7	10.3	63
103	Sorption of phenanthrene by nanosized alumina coated with sequentially extracted humic acids. *Environmental Science and Pollution Research*, **2010**, 17, 410-9	5.1	34
102	Effect of SDBS□Tween 80 mixed surfactants on the distribution of polycyclic aromatic hydrocarbons in soil□water system. *Journal of Soils and Sediments*, **2010**, 10, 1123-1130	3.4	30
101	Mitigation and remediation technologies for organic contaminated soils. *Frontiers of Environmental Science and Engineering in China*, **2010**, 4, 373-386		21
100	Levels, sources, and health risks of carbonyls in residential indoor air in Hangzhou, China. *Environmental Monitoring and Assessment*, **2010**, 163, 573-81	3.1	30
99	Effect of zinc on the transformation of haloacetic acids (HAAs) in drinking water. *Journal of Hazardous Materials*, **2010**, 174, 40-6	12.8	21
98	The toxicity of naphthalene to marine Chlorella vulgaris under different nutrient conditions. *Journal of Hazardous Materials*, **2010**, 178, 282-6	12.8	52
97	Polycyclic aromatic hydrocarbon emission from straw burning and the influence of combustion parameters. *Atmospheric Environment*, **2009**, 43, 978-983	5.3	81

96	Comparative study on indoor air quality in Japan and China: Characteristics of residential indoor and outdoor VOCs. *Atmospheric Environment*, **2009**, 43, 6352-6359	5.3	105
95	Reducing plant uptake of PAHs by cationic surfactant-enhanced soil retention. *Environmental Pollution*, **2009**, 157, 1794-9	9.3	31
94	Effect of anionic-nonionic mixed surfactant on ryegrass uptake of phenanthrene and pyrene from water. *Science Bulletin*, **2009**, 54, 387-393	10.6	6
93	Pollution level, phase distribution and source analysis of polycyclic aromatic hydrocarbons in residential air in Hangzhou, China. *Journal of Hazardous Materials*, **2009**, 162, 1165-70	12.8	93
92	Levels and health risks of carbonyl compounds in selected public places in Hangzhou, China. *Journal of Hazardous Materials*, **2009**, 164, 700-6	12.8	54
91	Sorption of naphthalene and phosphate to the CTMAB-Al13 intercalated bentonites. *Journal of Hazardous Materials*, **2009**, 168, 1590-4	12.8	51
90	Adsorption behaviors of volatile organic compounds (VOCs) on porous clay heterostructures (PCH). *Journal of Hazardous Materials*, **2009**, 170, 7-12	12.8	145
89	Structures of OTMA- and DODMA-bentonite and their sorption characteristics towards organic compounds. *Journal of Colloid and Interface Science*, **2009**, 331, 8-14	9.3	46
88	Comparative study of catalytic activity of different Fe-pillared bentonites in the presence of UV light and H2O2. *Separation and Purification Technology*, **2009**, 67, 282-288	8.3	33
87	Surface microtopography of surfactant modified montmorillonite. *Applied Clay Science*, **2009**, 45, 70-75	5.2	26
86	Sorption of polycyclic aromatic hydrocarbons to carbohydrates and lipids of ryegrass root and implications for a sorption prediction model. *Environmental Science & Technology*, **2009**, 43, 2740-5	10.3	64
85	Transitional adsorption and partition of nonpolar and polar aromatic contaminants by biochars of pine needles with different pyrolytic temperatures. *Environmental Science & Technology*, **2008**, 42, 5137-43	10.3	1163
84	Microstructure of organo-bentonites in water and the effect of steric hindrance on the uptake of organic compounds. *Clays and Clay Minerals*, **2008**, 56, 144-154	2.1	39
83	Enhanced soil flushing of phenanthrene by anionic-nonionic mixed surfactant. *Water Research*, **2008**, 42, 101-8	12.5	61
82	Concentrations and characteristics of organochlorine pesticides in aquatic biota from Qiantang River in China. *Environmental Pollution*, **2008**, 151, 190-9	9.3	55
81	Partitioning of polycyclic aromatic hydrocarbons to solid-sorbed nonionic surfactants. *Environmental Pollution*, **2008**, 152, 130-7	9.3	33
80	Influence of surfactant sorption on the removal of phenanthrene from contaminated soils. *Environmental Pollution*, **2008**, 152, 99-105	9.3	29
79	Pollution level, phase distribution and health risk of polycyclic aromatic hydrocarbons in indoor air at public places of Hangzhou, China. *Environmental Pollution*, **2008**, 152, 569-75	9.3	92

78	Effect of rhamnolipids on the uptake of PAHs by ryegrass. *Environmental Pollution*, **2008**, 156, 46-52	9.3	62
77	Simultaneous removal of phenanthrene and cadmium from contaminated soils by saponin, a plant-derived biosurfactant. *Environmental Pollution*, **2008**, 156, 1368-70	9.3	94
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