

Hongwen Sun

List of Publications by Citations

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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.

256
papers

6,594
citations

43
h-index

65
g-index

258
ext. papers

8,866
ext. citations

8.9
avg, IF

6.64
L-index

#	Paper	IF	Citations
256	Adsorption and catalytic hydrolysis of carbaryl and atrazine on pig manure-derived biochars: impact of structural properties of biochars. <i>Journal of Hazardous Materials</i> , 2013 , 244-245, 217-24	12.8	243
255	Widespread distribution of PET and PC microplastics in dust in urban China and their estimated human exposure. <i>Environment International</i> , 2019 , 128, 116-124	12.9	156
254	Perfluorinated compounds in surface waters and WWTPs in Shenyang, China: mass flows and source analysis. <i>Water Research</i> , 2011 , 45, 4483-90	12.5	141
253	Treatment of groundwater polluted by arsenic compounds by zero valent iron. <i>Journal of Hazardous Materials</i> , 2006 , 129, 297-303	12.8	131
252	Enhanced Accumulation of Arsenate in Carp in the Presence of Titanium Dioxide Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2007 , 178, 245-254	2.6	123
251	Influence of titanium dioxide nanoparticles on speciation and bioavailability of arsenite. <i>Environmental Pollution</i> , 2009 , 157, 1165-70	9.3	107
250	Occurrence of seven artificial sweeteners in the aquatic environment and precipitation of Tianjin, China. <i>Water Research</i> , 2013 , 47, 4928-37	12.5	105
249	Occurrence and distribution of organophosphate flame retardants (OPFRs) in soil and outdoor settled dust from a multi-waste recycling area in China. <i>Science of the Total Environment</i> , 2018 , 625, 1056-1064	10.2	101
248	A Simple Method for Quantifying Polycarbonate and Polyethylene Terephthalate Microplastics in Environmental Samples by Liquid Chromatography Tandem Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2017 , 4, 530-534	11	88
247	Persulfate activation with sawdust biochar in aqueous solution by enhanced electron donor-transfer effect. <i>Science of the Total Environment</i> , 2019 , 690, 768-777	10.2	87
246	Sorption, desorption and degradation of neonicotinoids in four agricultural soils and their effects on soil microorganisms. <i>Science of the Total Environment</i> , 2018 , 615, 59-69	10.2	84
245	Occurrence and Profile Characteristics of the Pesticide Imidacloprid, Preservative Parabens, and Their Metabolites in Human Urine from Rural and Urban China. <i>Environmental Science & Technology</i> , 2015 , 49, 14633-40	10.3	82
244	Enzyme activities during degradation of polycyclic aromatic hydrocarbons by white rot fungus <i>Phanerochaete chrysosporium</i> in soils. <i>Chemosphere</i> , 2009 , 77, 733-8	8.4	80
243	Multimedia Distribution and Transfer of Per- and Polyfluoroalkyl Substances (PFASs) Surrounding Two Fluorochemical Manufacturing Facilities in Fuxin, China. <i>Environmental Science & Technology</i> , 2018 , 52, 8263-8271	10.3	77
242	Biochars change the sorption and degradation of thiacloprid in soil: Insights into chemical and biological mechanisms. <i>Environmental Pollution</i> , 2018 , 236, 158-167	9.3	76
241	Occurrence and Phase Distribution of Neutral and Ionizable Per- and Polyfluoroalkyl Substances (PFASs) in the Atmosphere and Plant Leaves around Landfills: A Case Study in Tianjin, China. <i>Environmental Science & Technology</i> , 2018 , 52, 1301-1310	10.3	74
240	Decolorization of KN-R catalyzed by Fe-containing Y and ZSM-5 zeolites. <i>Journal of Hazardous Materials</i> , 2008 , 156, 568-75	12.8	69

239	Long-chain perfluorinated chemicals in digested sewage sludges in Switzerland. <i>Environmental Pollution</i> , 2011 , 159, 654-62	9.3	67
238	Per- and Polyfluoroalkyl Substances (PFASs) in Indoor Air and Dust from Homes and Various Microenvironments in China: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2018 , 52, 3156-3166	10.3	60
237	Microbial diversity and abundance in the Xinjiang Luliang long-term water-flooding petroleum reservoir. <i>MicrobiologyOpen</i> , 2015 , 4, 332-342	3.4	60
236	Association of urinary concentrations of bisphenols with type 2 diabetes mellitus: A case-control study. <i>Environmental Pollution</i> , 2018 , 243, 1719-1726	9.3	59
235	Transformation of acesulfame in water under natural sunlight: joint effect of photolysis and biodegradation. <i>Water Research</i> , 2014 , 64, 113-122	12.5	58
234	6:2 fluorotelomer alcohol biotransformation in an aerobic river sediment system. <i>Chemosphere</i> , 2013 , 90, 203-9	8.4	57
233	Metabolites of organophosphate esters in urine from the United States: Concentrations, temporal variability, and exposure assessment. <i>Environment International</i> , 2019 , 122, 213-221	12.9	57
232	Aqueous Cr(VI) removal by a novel ball milled Fe-biochar composite: Role of biochar electron transfer capacity under high pyrolysis temperature. <i>Chemosphere</i> , 2020 , 241, 125044	8.4	57
231	Per- and polyfluoroalkyl substances (PFASs) in precipitation from mainland China: Contributions of unknown precursors and short-chain (C2C3) perfluoroalkyl carboxylic acids. <i>Water Research</i> , 2019 , 153, 169-177	12.5	56
230	Sorption mechanisms of neonicotinoids on biochars and the impact of deashing treatments on biochar structure and neonicotinoids sorption. <i>Environmental Pollution</i> , 2018 , 234, 812-820	9.3	56
229	The immobilization of heavy metals in soil by bioaugmentation of a UV-mutant <i>Bacillus subtilis</i> 38 assisted by NovoGro biostimulation and changes of soil microbial community. <i>Journal of Hazardous Materials</i> , 2014 , 278, 483-90	12.8	54
228	Serum concentrations of bisphenol A and its alternatives in elderly population living around e-waste recycling facilities in China: Associations with fasting blood glucose. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 822-828	7	53
227	Enantiomer-specific accumulation, depuration, metabolization and isomerization of hexabromocyclododecane (HBCD) diastereomers in mirror carp from water. <i>Journal of Hazardous Materials</i> , 2014 , 264, 8-15	12.8	52
226	A nationwide survey of urinary concentrations of neonicotinoid insecticides in China. <i>Environment International</i> , 2019 , 132, 105114	12.9	51
225	Widespread Occurrence of Benzotriazoles and Benzothiazoles in Tap Water: Influencing Factors and Contribution to Human Exposure. <i>Environmental Science & Technology</i> , 2016 , 50, 2709-17	10.3	51
224	Occurrence and distribution of per- and polyfluoroalkyl substances (PFASs) in the seawater and sediment of the South China sea coastal region. <i>Chemosphere</i> , 2019 , 231, 468-477	8.4	48
223	Uptake Pathway, Translocation, and Isomerization of Hexabromocyclododecane Diastereoisomers by Wheat in Closed Chambers. <i>Environmental Science & Technology</i> , 2016 , 50, 2652-9	10.3	48
222	Adsorption of Cd(II), Ni(II), and Zn(II) by Tourmaline at Acidic Conditions: Kinetics, Thermodynamics, and Mechanisms. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 4397-4406	3.9	48

221	Impacts of charcoal characteristics on sorption of polycyclic aromatic hydrocarbons. <i>Chemosphere</i> , 2008 , 71, 2113-20	8.4	48
220	Plant uptake of aldicarb from contaminated soil and its enhanced degradation in the rhizosphere. <i>Chemosphere</i> , 2004 , 54, 569-74	8.4	48
219	Sorption-desorption hysteresis of phenanthrene--effect of nanopores, solute concentration, and salinity. <i>Chemosphere</i> , 2010 , 81, 961-7	8.4	47
218	Uptake mechanisms of perfluoroalkyl acids with different carbon chain lengths (C2-C8) by wheat (<i>Triticum aestivum</i> L.). <i>Science of the Total Environment</i> , 2019 , 654, 19-27	10.2	47
217	PFOS and PFOA in paired urine and blood from general adults and pregnant women: assessment of urinary elimination. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 5572-9	5.1	44
216	Perfluoroalkyl and polyfluoroalkyl substances in the lower atmosphere and surface waters of the Chinese Bohai Sea, Yellow Sea, and Yangtze River estuary. <i>Science of the Total Environment</i> , 2017 , 599-600, 114-123	10.2	43
215	6:2 Fluorotelomer alcohol aerobic biotransformation in activated sludge from two domestic wastewater treatment plants. <i>Chemosphere</i> , 2013 , 92, 464-70	8.4	43
214	Polyfluorinated and perfluorinated chemicals in precipitation and runoff from cities across eastern and central China. <i>Archives of Environmental Contamination and Toxicology</i> , 2013 , 64, 198-207	3.2	43
213	Organophosphate di- and tri-esters in indoor and outdoor dust from China and its implications for human exposure. <i>Science of the Total Environment</i> , 2020 , 700, 134502	10.2	43
212	Distribution and primary source analysis of per- and poly-fluoroalkyl substances with different chain lengths in surface and groundwater in two cities, North China. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 108, 318-28	7	42
211	Remediation of organophosphorus pesticide polluted soil using persulfate oxidation activated by microwave. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123361	12.8	42
210	A nationwide survey of 19 organophosphate esters in soils from China: Spatial distribution and hazard assessment. <i>Science of the Total Environment</i> , 2019 , 671, 528-535	10.2	41
209	The changes in biochar properties and sorption capacities after being cultured with wheat for 3 months. <i>Chemosphere</i> , 2016 , 144, 2257-63	8.4	41
208	Perfluoroalkyl compounds in municipal WWTPs in Tianjin, China--concentrations, distribution and mass flow. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 1405-15	5.1	40
207	A laboratory feasibility study on a new electrokinetic nutrient injection pattern and bioremediation of phenanthrene in a clayey soil. <i>Journal of Hazardous Materials</i> , 2010 , 184, 798-804	12.8	40
206	Nationwide Distribution of Per- and Polyfluoroalkyl Substances in Outdoor Dust in Mainland China From Eastern to Western Areas. <i>Environmental Science & Technology</i> , 2016 , 50, 3676-85	10.3	39
205	Spectroscopic and molecular characterization of biochar-derived dissolved organic matter and the associations with soil microbial responses. <i>Science of the Total Environment</i> , 2020 , 708, 134619	10.2	39
204	Sorption of polychlorinated biphenyls onto biochars derived from corn straw and the effect of propranolol. <i>Bioresource Technology</i> , 2016 , 219, 458-465	11	39

203	Effect of biochar-derived dissolved organic matter on adsorption of sulfamethoxazole and chloramphenicol. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122598	12.8	39
202	Exposure to phthalates in patients with diabetes and its association with oxidative stress, adiponectin, and inflammatory cytokines. <i>Environment International</i> , 2017 , 109, 53-63	12.9	38
201	Biosorption of heavy metals from aqueous solution by UV-mutant <i>Bacillus subtilis</i> . <i>Environmental Science and Pollution Research</i> , 2013 , 20, 7450-63	5.1	38
200	Aging effect of minerals on biochar properties and sorption capacities for atrazine and phenanthrene. <i>Chemosphere</i> , 2018 , 206, 51-58	8.4	36
199	Hexabromocyclododecanes in limnic and marine organisms and terrestrial plants from Tianjin, China: diastereomer- and enantiomer-specific profiles, biomagnification, and human exposure. <i>Chemosphere</i> , 2013 , 93, 1561-8	8.4	36
198	Distribution of novel and legacy per-/polyfluoroalkyl substances in serum and its associations with two glycemic biomarkers among Chinese adult men and women with normal blood glucose levels. <i>Environment International</i> , 2020 , 134, 105295	12.9	36
197	Neutral and ionic per- and polyfluoroalkyl substances (PFASs) in atmospheric and dry deposition samples over a source region (Tianjin, China). <i>Environmental Pollution</i> , 2016 , 212, 449-456	9.3	36
196	Adsorption of heavy metals from aqueous solution by UV-mutant <i>Bacillus subtilis</i> loaded on biochars derived from different stock materials. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 285-292	7.92	36
195	Per- and poly-fluoroalkyl substances (PFASs) in the urban, industrial, and background atmosphere of Northeastern China coast around the Bohai Sea: Occurrence, partitioning, and seasonal variation. <i>Atmospheric Environment</i> , 2017 , 167, 150-158	5.3	35
194	Occurrence and exposure evaluation of perchlorate in outdoor dust and soil in mainland China. <i>Science of the Total Environment</i> , 2014 , 470-471, 99-106	10.2	35
193	Sorption and degradation of carbaryl in soils amended with biochars: influence of biochar type and content. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2724-34	5.1	34
192	Effect of aging in field soil on biochar's properties and its sorption capacity. <i>Environmental Pollution</i> , 2018 , 242, 1880-1886	9.3	34
191	Emerging and legacy per- and polyfluoroalkyl substances in water, sediment, and air of the Bohai Sea and its surrounding rivers. <i>Environmental Pollution</i> , 2020 , 263, 114391	9.3	33
190	The structure of agricultural microplastics (PT, PU and UF) and their sorption capacities for PAHs and PHE derivatives under various salinity and oxidation treatments. <i>Environmental Pollution</i> , 2020 , 257, 113525	9.3	33
189	Novel and legacy poly- and perfluoroalkyl substances (PFASs) in indoor dust from urban, industrial, and e-waste dismantling areas: The emergence of PFAS alternatives in China. <i>Environmental Pollution</i> , 2020 , 263, 114461	9.3	33
188	Evaluation of biochars from different stock materials as carriers of bacterial strain for remediation of heavy metal-contaminated soil. <i>Scientific Reports</i> , 2017 , 7, 12114	4.9	32
187	LDPE microplastics affect soil microbial communities and nitrogen cycling. <i>Science of the Total Environment</i> , 2021 , 773, 145640	10.2	32
186	Widespread Occurrence of Bisphenol A in Daily Clothes and Its High Exposure Risk in Humans. <i>Environmental Science & Technology</i> , 2019 , 53, 7095-7102	10.3	31

185	Occurrence and Distribution of Per- and Polyfluoroalkyl Substances in Tianjin, China: The Contribution of Emerging and Unknown Analogues. <i>Environmental Science & Technology</i> , 2020 , 54, 14254-14264	10.3	31
184	Occurrence of organophosphate flame retardants in farmland soils from Northern China: Primary source analysis and risk assessment. <i>Environmental Pollution</i> , 2019 , 247, 832-838	9.3	30
183	Sorption of five organic compounds by polar and nonpolar microplastics. <i>Chemosphere</i> , 2020 , 257, 127206-127214	8.4	30
182	Diastereomer- and enantiomer-specific accumulation, depuration, bioisomerization, and metabolism of hexabromocyclododecanes (HBCDs) in two ecologically different species of earthworms. <i>Science of the Total Environment</i> , 2016 , 542, 427-34	10.2	30
181	Effects of humic acid and heavy metals on the sorption of polar and apolar organic pollutants onto biochars. <i>Environmental Pollution</i> , 2017 , 231, 229-236	9.3	29
180	Boosted activity of graphene encapsulated CoFe alloys by blending with activated carbon for oxygen reduction reaction. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 802-809	11.8	29
179	Hepatotoxicity of benzotriazole and its effect on the cadmium induced toxicity in zebrafish <i>Danio rerio</i> . <i>Environmental Pollution</i> , 2017 , 224, 706-713	9.3	28
178	Potential of duckweed (<i>Lemna minor</i>) for removal of nitrogen and phosphorus from water under salt stress. <i>Journal of Environmental Management</i> , 2017 , 187, 497-503	7.9	28
177	Chlorpyrifos exposure in farmers and urban adults: Metabolic characteristic, exposure estimation, and potential effect of oxidative damage. <i>Environmental Research</i> , 2016 , 149, 164-170	7.9	28
176	Occurrence and enantiomer profiles of β -blockers in wastewater and a receiving water body and adjacent soil in Tianjin, China. <i>Science of the Total Environment</i> , 2019 , 650, 1122-1130	10.2	28
175	Spatial and temporal distributions of hexabromocyclododecanes in the vicinity of an expanded polystyrene material manufacturing plant in Tianjin, China. <i>Environmental Pollution</i> , 2017 , 222, 338-347	9.3	27
174	Sorption and molecular fractionation of biochar-derived dissolved organic matter on ferrihydrite. <i>Journal of Hazardous Materials</i> , 2020 , 392, 122260	12.8	27
173	Occurrence and distribution of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in natural forest soils: A nationwide study in China. <i>Science of the Total Environment</i> , 2018 , 645, 596-602	10.2	27
172	Nonylphenol ethoxylates and their metabolites in sewage treatment plants and rivers of Tianjin, China. <i>Chemosphere</i> , 2009 , 77, 1-7	8.4	27
171	A novel way for preparing high surface area silica monolith with bimodal pore structure. <i>Journal of Materials Science</i> , 2008 , 43, 887-891	4.3	27
170	Plant uptake and translocation of perfluoroalkyl acids in a wheat-soil system. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 30907-30916	5.1	27
169	Human exposure to phthalate esters associated with e-waste dismantling: Exposure levels, sources, and risk assessment. <i>Environment International</i> , 2019 , 124, 1-9	12.9	26
168	Enzyme activities during Benzo[a]pyrene degradation by the fungus <i>Lasiodiplodia theobromae</i> isolated from a polluted soil. <i>Scientific Reports</i> , 2020 , 10, 865	4.9	26

167	Degradation of PAHs in soil by <i>Lasiodiplodia theobromae</i> and enhanced benzo[a]pyrene degradation by the addition of Tween-80. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 10614-25	5.1	26
166	Modifications of black carbons and their influence on pyrene sorption. <i>Chemosphere</i> , 2011 , 85, 1306-11	8.4	26
165	Competitive Reaction During Decomposition of Hexachlorobenzene Over Ultrafine CaFe Composite Oxide Catalyst. <i>Catalysis Letters</i> , 2007 , 119, 142-147	2.8	26
164	Occurrence and exposure evaluation of perchlorate in indoor dust and diverse food from Chengdu, China. <i>Science of the Total Environment</i> , 2015 , 536, 288-294	10.2	25
163	Isomer-Specific Transplacental Efficiencies of Perfluoroalkyl Substances in Human Whole Blood. <i>Environmental Science and Technology Letters</i> , 2017 , 4, 391-398	11	25
162	Placental transfer of and infantile exposure to perchlorate. <i>Chemosphere</i> , 2016 , 144, 948-54	8.4	24
161	Immobilization of Cd in soil and changes of soil microbial community by bioaugmentation of UV-mutated <i>Bacillus subtilis</i> 38 assisted by biostimulation. <i>European Journal of Soil Biology</i> , 2014 , 65, 62-69	2.9	24
160	Application of an immobilized ionic liquid for the passive sampling of perfluorinated substances in water. <i>Journal of Chromatography A</i> , 2017 , 1515, 45-53	4.5	24
159	Distribution and dissipation pathways of nonylphenol polyethoxylates in the Yellow River: Site investigation and lab-scale studies. <i>Environment International</i> , 2006 , 32, 907-14	12.9	24
158	Distribution of Phthalate Metabolites between Paired Maternal-Fetal Samples. <i>Environmental Science & Technology</i> , 2018 , 52, 6626-6635	10.3	24
157	Tourmaline combined with <i>Phanerochaete chrysosporium</i> to remediate agricultural soil contaminated with PAHs and OCPs. <i>Journal of Hazardous Materials</i> , 2014 , 264, 439-48	12.8	23
156	Adsorption of Cd(II) from acidic aqueous solutions by tourmaline as a novel material. <i>Science Bulletin</i> , 2012 , 57, 3218-3225		23
155	Activation of persulfate and removal of ethyl-parathion from soil: Effect of microwave irradiation. <i>Chemosphere</i> , 2020 , 253, 126679	8.4	23
154	Spatial distribution of perchlorate, iodide and thiocyanate in the aquatic environment of Tianjin, China: environmental source analysis. <i>Chemosphere</i> , 2014 , 111, 201-8	8.4	22
153	Enhanced photocatalytic degradation of tetrabromobisphenol A by tourmaline/TiO ₂ composite catalyst. <i>Journal of Materials Science</i> , 2017 , 52, 6937-6949	4.3	21
152	Distribution of artificial sweeteners in dust and soil in China and their seasonal variations in the environment of Tianjin. <i>Science of the Total Environment</i> , 2014 , 488-489, 168-75	10.2	21
151	Synthesis and evaluation of molecularly imprinted polymers with binary functional monomers for the selective removal of perfluorooctanesulfonic acid and perfluorooctanoic acid. <i>Journal of Chromatography A</i> , 2017 , 1516, 42-53	4.5	21
150	Phenanthrene partitioning in sediment-surfactant-fresh/saline water systems. <i>Environmental Pollution</i> , 2009 , 157, 2520-8	9.3	21

149	A novel integrated active capping technique for the remediation of nitrobenzene-contaminated sediment. <i>Journal of Hazardous Materials</i> , 2010 , 182, 184-90	12.8	21
148	The environment behavior of organophosphate esters (OPEs) and di-esters in wheat (<i>Triticum aestivum</i> L.): Uptake mechanism, in vivo hydrolysis and subcellular distribution. <i>Environment International</i> , 2020 , 135, 105405	12.9	21
147	Health Status of Elderly People Living Near E-Waste Recycling Sites: Association of E-Waste Dismantling Activities with Legacy Perfluoroalkyl Substances (PFASs). <i>Environmental Science and Technology Letters</i> , 2019 , 6, 133-140	11	20
146	Ball milled Fe@FeS hybrids coupled with peroxydisulfate for Cr(VI) and phenol removal: Novel surface reduction and activation mechanisms. <i>Science of the Total Environment</i> , 2020 , 739, 139748	10.2	20
145	Novel and legacy per- and polyfluoroalkyl substances (PFASs) in a farmland environment: Soil distribution and biomonitoring with plant leaves and locusts. <i>Environmental Pollution</i> , 2020 , 263, 114487	9.3	20
144	Synthesis and application of a highly selective molecularly imprinted adsorbent based on multi-walled carbon nanotubes for selective removal of perfluorooctanoic acid. <i>Environmental Science: Water Research and Technology</i> , 2018 , 4, 689-700	4.2	20
143	Effects of artificial sweeteners on metal bioconcentration and toxicity on a green algae <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2016 , 150, 285-293	8.4	20
142	Impacts of crab bioturbation on the fate of polycyclic aromatic hydrocarbons in sediment from the Beitang estuary of Tianjin, China. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1248-55	3.8	20
141	Alleviation of boron toxicity in plants: Mechanisms and approaches. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 1-41	11.1	20
140	Legacy and alternative brominated flame retardants in outdoor dust and pine needles in mainland China: Spatial trends, dust-plant partitioning and human exposure. <i>Environmental Pollution</i> , 2018 , 243, 758-765	9.3	20
139	Dynamic changes in atrazine and phenanthrene sorption behaviors during the aging of biochar in soils. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 81-90	5.1	19
138	Arbuscular mycorrhizal fungi alleviate boron toxicity in <i>Puccinellia tenuiflora</i> under the combined stresses of salt and drought. <i>Environmental Pollution</i> , 2018 , 240, 557-565	9.3	19
137	Mass loading of typical artificial sweeteners in a pig farm and their dissipation and uptake by plants in neighboring farmland. <i>Science of the Total Environment</i> , 2017 , 605-606, 735-744	10.2	19
136	Comparative study on the micelle properties of synthetic and dissolved organic matters. <i>Journal of Hazardous Materials</i> , 2010 , 174, 635-40	12.8	19
135	Benzotriazoles and benzothiazoles in paired maternal urine and amniotic fluid samples from Tianjin, China. <i>Chemosphere</i> , 2018 , 199, 524-530	8.4	18
134	Desorption of atrazine in biochar-amended soils: Effects of root exudates and the aging interactions between biochar and soil. <i>Chemosphere</i> , 2018 , 212, 687-693	8.4	18
133	The release and earthworm bioaccumulation of endogenous hexabromocyclododecanes (HBCDDs) from expanded polystyrene foam microparticles. <i>Environmental Pollution</i> , 2019 , 255, 113163	9.3	18
132	Enhanced bioaccumulation of pentachlorophenol in carp in the presence of multi-walled carbon nanotubes. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 2865-75	5.1	18

131	Per- and polyfluoroalkyl substances and the contribution of unknown precursors and short-chain (C2-C3) perfluoroalkyl carboxylic acids at solid waste disposal facilities. <i>Science of the Total Environment</i> , 2020 , 705, 135832	10.2	18
130	Preparation of graphite-like biochars derived from straw and newspaper based on ball-milling and TEMPO-mediated oxidation and their supersorption performances to imidacloprid and sulfadiazine. <i>Chemical Engineering Journal</i> , 2021 , 411, 128502	14.7	18
129	Sorption of naphthalene and its hydroxyl substitutes onto biochars in single-solute and bi-solute systems with propranolol as the co-solute. <i>Chemical Engineering Journal</i> , 2017 , 326, 281-291	14.7	17
128	Association between phthalate exposure and glycosylated hemoglobin, fasting glucose, and type 2 diabetes mellitus: A case-control study in China. <i>Science of the Total Environment</i> , 2019 , 670, 41-49	10.2	17
127	Biodegradation of pyrene by <i>Phanerochaete chrysosporium</i> and enzyme activities in soils: effect of SOM, sterilization and aging. <i>Journal of Environmental Sciences</i> , 2014 , 26, 1135-44	6.4	17
126	Phototransformation of biochar-derived dissolved organic matter and the effects on photodegradation of imidacloprid in aqueous solution under ultraviolet light. <i>Science of the Total Environment</i> , 2020 , 724, 137913	10.2	16
125	Organophosphate ester flame retardants and plasticizers in a Chinese population: Significance of hydroxylated metabolites and implication for human exposure. <i>Environmental Pollution</i> , 2020 , 257, 113633	9.3	16
124	Pyrene contaminated soil remediation using microwave/magnetite activated persulfate oxidation. <i>Chemosphere</i> , 2022 , 286, 131787	8.4	16
123	Effects of the amendment of biochars and carbon nanotubes on the bioavailability of hexabromocyclododecanes (HBCDs) in soil to ecologically different species of earthworms. <i>Environmental Pollution</i> , 2017 , 222, 191-200	9.3	15
122	Degradation of β -Hexachlorocyclohexane Using Carboxymethylcellulose-Stabilized Fe/Ni Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	15
121	Effect of corrosion inhibitor benzotriazole on the uptake and translocation of Cd in rice (<i>Oryza sativa</i> L.) under different exposure conditions. <i>Chemosphere</i> , 2017 , 186, 24-30	8.4	15
120	Effects of biochar on biodegradation of sulfamethoxazole and chloramphenicol by <i>Pseudomonas stutzeri</i> and <i>Shewanella putrefaciens</i> : Microbial growth, fatty acids, and the expression quantity of genes. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124311	12.8	15
119	Perfluoroalkyl Acids Including Isomers in Tree Barks from a Chinese Fluorochemical Manufacturing Park: Implication for Airborne Transportation. <i>Environmental Science & Technology</i> , 2018 , 52, 2016-2024	10.3	14
118	Semipermeable membrane device-assisted desorption of pyrene from soils and its relationship to bioavailability. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 103-11	3.8	14
117	Effects of multi-walled carbon nanotubes on pyrene adsorption and desorption in soils: The role of soil constituents. <i>Chemosphere</i> , 2019 , 221, 203-211	8.4	14
116	An innovative evaluation method based on polymer mass detection to evaluate the contribution of microfibers from laundry process to municipal wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124861	12.8	14
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111	Combined effects of dissolved humic acids and tourmaline on the accumulation of 2, 2', 4', 5', 5'' hexabrominated diphenyl ether (BDE-153) in <i>Lactuca sativa</i> . <i>Environmental Pollution</i> , 2017 , 231, 68-77	9.3	12
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91	Measurement of volatile organic compounds and associated risk assessments through ingestion and dermal routes in Dongjiang Lake, China. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 165, 645-653 ⁷		10
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45	Boron tolerance and accumulation potential of four salt-tolerant plant species. <i>Scientific Reports</i> , 2019 , 9, 6260	4.9	3
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35	Accumulation of phenanthrene and its metabolites in lettuce (<i>Lactuca sativa</i> L.) as affected by magnetic carbon nanotubes and dissolved humic acids. <i>Environmental Science: Nano</i> , 2020 , 7, 3759-3772	7.1	2
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31	Preparation of ball-milled phosphorus-loaded biochar and its highly effective remediation for Cd- and Pb-contaminated alkaline soil.. <i>Science of the Total Environment</i> , 2021 , 813, 152648	10.2	2
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28	Association between urinary organophosphate flame retardant diesters and steroid hormones: A metabolomic study on type 2 diabetes mellitus cases and controls. <i>Science of the Total Environment</i> , 2021 , 756, 143836	10.2	2
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14	Combined Stresses of Boron and Salinity on Growth of Two Freshwater Algal Species. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 107, 147-153	2.7	1
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10	Enhanced nitrobenzene removal in soil by biochar supported sulfidated nano zerovalent iron: Solubilization effect and mechanism.. <i>Science of the Total Environment</i> , 2022 , 153960	10.2	1
9	Foliar uptake overweighs root uptake for 8:2 fluorotelomer alcohol in ryegrass (<i>Lolium perenne</i> L.): A closed exposure chamber study.. <i>Science of the Total Environment</i> , 2022 , 154660	10.2	1
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7	Enhanced thermal activation of persulfate by coupling hydrogen peroxide for efficient degradation of pyrene. <i>Chemosphere</i> , 2022 , 135057	8.4	1
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