

Hongwen Sun

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

11,453
citations

25034

57
h-index

53230

85
g-index

258
all docs

258
docs citations

258
times ranked

9560
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.0	315
2	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, 217-224.	12.4	310
3	POLSOIL: research on soil pollution in China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1-3.	5.3	260
4	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.	8.0	174
5	LDPE microplastics affect soil microbial communities and nitrogen cycling. <i>Science of the Total Environment</i> , 2021, 773, 145640.	8.0	174
6	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.	8.0	162
7	Perfluorinated compounds in surface waters and WWTPs in Shenyang, China: Mass flows and source analysis. <i>Water Research</i> , 2011, 45, 4483-4490.	11.3	157
8	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.	8.0	148
9	Treatment of groundwater polluted by arsenic compounds by zero valent iron. <i>Journal of Hazardous Materials</i> , 2006, 129, 297-303.	12.4	146
10	Occurrence of seven artificial sweeteners in the aquatic environment and precipitation of Tianjin, China. <i>Water Research</i> , 2013, 47, 4928-4937.	11.3	142
11	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.	10.0	135
12	Enhancement of persulfate activation by Fe-biochar composites: Synergism of Fe and N-doped biochar. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120926.	20.2	134
13	Enhanced Accumulation of Arsenate in Carp in the Presence of Titanium Dioxide Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 245-254.	2.4	132
14	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.	10.0	132
15	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.	8.7	130
16	Aqueous Cr(VI) removal by a novel ball milled FeO-biochar composite: Role of biochar electron transfer capacity under high pyrolysis temperature. <i>Chemosphere</i> , 2020, 241, 125044.	8.2	130
17	Biochars change the sorption and degradation of thiacloprid in soil: Insights into chemical and biological mechanisms. <i>Environmental Pollution</i> , 2018, 236, 158-167.	7.5	128
18	Influence of titanium dioxide nanoparticles on speciation and bioavailability of arsenite. <i>Environmental Pollution</i> , 2009, 157, 1165-1170.	7.5	122

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19	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, 14633-14640.	10.0	105
20	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.	10.0	100
21	Per- and polyfluoroalkyl substances (PFASs) in precipitation from mainland China: Contributions of unknown precursors and short-chain (C2-C3) perfluoroalkyl carboxylic acids. <i>Water Research</i> , 2019, 153, 169-177.	11.3	99
22	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.	8.2	95
23	Metabolites of organophosphate esters in urine from the United States: Concentrations, temporal variability, and exposure assessment. <i>Environment International</i> , 2019, 122, 213-221.	10.0	95
24	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.	7.5	94
25	Enzyme activities during degradation of polycyclic aromatic hydrocarbons by white rot fungus <i>Phanerochaete chrysosporium</i> in soils. <i>Chemosphere</i> , 2009, 77, 733-738.	8.2	91
26	Association of urinary concentrations of bisphenols with type 2 diabetes mellitus: A case-control study. <i>Environmental Pollution</i> , 2018, 243, 1719-1726.	7.5	90
27	A nationwide survey of urinary concentrations of neonicotinoid insecticides in China. <i>Environment International</i> , 2019, 132, 105114.	10.0	89
28	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.	8.0	88
29	Microbial diversity and abundance in the Xinjiang Luliang long-term water-flooding petroleum reservoir. <i>MicrobiologyOpen</i> , 2015, 4, 332-342.	3.0	87
30	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.	8.0	87
31	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.	10.0	85
32	Decolorization of KN-R catalyzed by Fe-containing Y and ZSM-5 zeolites. <i>Journal of Hazardous Materials</i> , 2008, 156, 568-575.	12.4	82
33	Widespread Occurrence of Benzotriazoles and Benzothiazoles in Tap Water: Influencing Factors and Contribution to Human Exposure. <i>Environmental Science & Technology</i> , 2016, 50, 2709-2717.	10.0	81
34	Sorption of five organic compounds by polar and nonpolar microplastics. <i>Chemosphere</i> , 2020, 257, 127206.	8.2	79
35	6:2 Fluorotelomer alcohol biotransformation in an aerobic river sediment system. <i>Chemosphere</i> , 2013, 90, 203-209.	8.2	76
36	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.	6.0	76

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37	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.	8.0	75
38	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.	10.0	75
39	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.	8.0	74
40	Remediation of organophosphorus pesticide polluted soil using persulfate oxidation activated by microwave. <i>Journal of Hazardous Materials</i> , 2021, 401, 123361.	12.4	74
41	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, 483-490.	12.4	73
42	Effect of biochar-derived dissolved organic matter on adsorption of sulfamethoxazole and chloramphenicol. <i>Journal of Hazardous Materials</i> , 2020, 396, 122598.	12.4	73
43	Long-chain perfluorinated chemicals in digested sewage sludges in Switzerland. <i>Environmental Pollution</i> , 2011, 159, 654-662.	7.5	71
44	Transformation of acesulfame in water under natural sunlight: Joint effect of photolysis and biodegradation. <i>Water Research</i> , 2014, 64, 113-122.	11.3	69
45	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.	10.0	66
46	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.	7.5	66
47	6:2 Fluorotelomer alcohol aerobic biotransformation in activated sludge from two domestic wastewater treatment plants. <i>Chemosphere</i> , 2013, 92, 464-470.	8.2	65
48	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, 5572-5579.	5.3	65
49	Behavior of Microplastics in Inland Waters: Aggregation, Settlement, and Transport. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 700-709.	2.7	65
50	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.	3.7	64
51	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.	7.5	64
52	Aging effect of minerals on biochar properties and sorption capacities for atrazine and phenanthrene. <i>Chemosphere</i> , 2018, 206, 51-58.	8.2	63
53	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.	7.5	63
54	Sorption-desorption hysteresis of phenanthrene – Effect of nanopores, solute concentration, and salinity. <i>Chemosphere</i> , 2010, 81, 961-967.	8.2	61

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55	Uptake Pathway, Translocation, and Isomerization of Hexabromocyclododecane Diastereoisomers by Wheat in Closed Chambers. <i>Environmental Science & Technology</i> , 2016, 50, 2652-2659.	10.0	61
56	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.	8.0	61
57	Effect of aging in field soil on biochar's properties and its sorption capacity. <i>Environmental Pollution</i> , 2018, 242, 1880-1886.	7.5	61
58	Polystyrene microplastic interaction with <i>Oryza sativa</i> : toxicity and metabolic mechanism. <i>Environmental Science: Nano</i> , 2021, 8, 3699-3710.	4.3	60
59	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, 318-328.	6.0	58
60	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.	4.1	57
61	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.	7.5	57
62	Human exposure to phthalate esters associated with e-waste dismantling: Exposure levels, sources, and risk assessment. <i>Environment International</i> , 2019, 124, 1-9.	10.0	56
63	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> , 2022, 813, 152648.	8.0	56
64	Plant uptake of aldicarb from contaminated soil and its enhanced degradation in the rhizosphere. <i>Chemosphere</i> , 2004, 54, 569-574.	8.2	55
65	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.	12.4	55
66	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.	8.0	55
67	Activation of persulfate and removal of ethyl-parathion from soil: Effect of microwave irradiation. <i>Chemosphere</i> , 2020, 253, 126679.	8.2	55
68	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, 3676-3685.	10.0	54
69	Sorption and molecular fractionation of biochar-derived dissolved organic matter on ferrihydrite. <i>Journal of Hazardous Materials</i> , 2020, 392, 122260.	12.4	54
70	Impacts of charcoal characteristics on sorption of polycyclic aromatic hydrocarbons. <i>Chemosphere</i> , 2008, 71, 2113-2120.	8.2	53
71	The changes in biochar properties and sorption capacities after being cultured with wheat for 3 months. <i>Chemosphere</i> , 2016, 144, 2257-2263.	8.2	53
72	Widespread Occurrence of Bisphenol A in Daily Clothes and Its High Exposure Risk in Humans. <i>Environmental Science & Technology</i> , 2019, 53, 7095-7102.	10.0	53

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73	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.	8.0	53
74	Distribution of Phthalate Metabolites between Paired Maternal&Fetal Samples. <i>Environmental Science & Technology</i> , 2018, 52, 6626-6635.	10.0	52
75	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.	8.0	52
76	Exposure to organophosphate ester flame retardants and plasticizers during pregnancy: Thyroid endocrine disruption and mediation role of oxidative stress. <i>Environment International</i> , 2021, 146, 106215.	10.0	52
77	Perfluoroalkyl compounds in municipal WWTPs in Tianjin, China"concentrations, distribution and mass flow. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1405-1415.	5.3	51
78	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.	7.5	51
79	Immunotoxicity responses to polystyrene nanoplastics and their related mechanisms in the liver of zebrafish (<i>Danio rerio</i>) larvae. <i>Environment International</i> , 2022, 161, 107128.	10.0	51
80	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.	12.4	50
81	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.	4.1	50
82	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.	7.5	50
83	The environment behavior of organophosphate esters (OPEs) and di-esters in wheat (<i>Triticum aestivum</i>) Tj ETQq1 1 0.784314 rgBT /Ove 2020, 135, 105405.	10.0	50
84	Diet preference of zebrafish (<i>Danio rerio</i>) for bio-based polylactic acid microplastics and induced intestinal damage and microbiota dysbiosis. <i>Journal of Hazardous Materials</i> , 2022, 429, 128332.	12.4	50
85	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.	8.0	49
86	Sorption of polychlorinated biphenyls onto biochars derived from corn straw and the effect of propranolol. <i>Bioresource Technology</i> , 2016, 219, 458-465.	9.6	49
87	Effects of natural organic matter on cadmium mobility in paddy soil: A review. <i>Journal of Environmental Sciences</i> , 2021, 104, 204-215.	6.1	49
88	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.	6.0	48
89	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.	12.4	48
90	Pyrene contaminated soil remediation using microwave/magnetite activated persulfate oxidation. <i>Chemosphere</i> , 2022, 286, 131787.	8.2	48

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91	Electronic-Waste-Driven Pollution of Liquid Crystal Monomers: Environmental Occurrence and Human Exposure in Recycling Industrial Parks. <i>Environmental Science & Technology</i> , 2022, 56, 2248-2257.	10.0	48
92	Earthwormsâ€™ Degradable Bioplastic Diet of Polylactic Acid: Easy to Break Down and Slow to Excrete. <i>Environmental Science & Technology</i> , 2022, 56, 5020-5028.	10.0	48
93	Biosorption of heavy metals from aqueous solution by UV-mutant <i>Bacillus subtilis</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 7450-7463.	5.3	47
94	Plant uptake and translocation of perfluoroalkyl acids in a wheatâ€™soil system. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30907-30916.	5.3	47
95	Alleviation of boron toxicity in plants: Mechanisms and approaches. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2975-3015.	12.8	47
96	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.	8.0	47
97	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.	3.3	46
98	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.	7.5	46
99	Development and Application of a Mass Spectrometry Method for Quantifying Nylon Microplastics in Environment. <i>Analytical Chemistry</i> , 2020, 92, 13930-13935.	6.5	45
100	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, 2724-2734.	5.3	44
101	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.	3.3	44
102	Bacterial Community under the Influence of Microplastics in Indoor Environment and the Health Hazards Associated with Antibiotic Resistance Genes. <i>Environmental Science & Technology</i> , 2022, 56, 422-432.	10.0	44
103	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, 427-434.	8.0	42
104	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.	7.5	42
105	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.	7.8	42
106	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, 1561-1568.	8.2	41
107	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.	8.0	40
108	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.	7.5	40

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109	Ball milled FeO@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.	8.0	40
110	A review of organophosphate esters in soil: Implications for the potential source, transfer, and transformation mechanism. <i>Environmental Research</i> , 2022, 204, 112122.	7.5	40
111	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.	3.7	38
112	Tourmaline combined with <i>Phanerochaete chrysosporium</i> to remediate agricultural soil contaminated with PAHs and OCPs. <i>Journal of Hazardous Materials</i> , 2014, 264, 439-448.	12.4	37
113	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.	7.5	37
114	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.	10.1	37
115	Organophosphite Antioxidants in Mulch Films Are Important Sources of Organophosphate Pollutants in Farmlands. <i>Environmental Science & Technology</i> , 2021, 55, 7398-7406.	10.0	37
116	Legacy and Emerging Poly- and Perfluoroalkyl Substances in Finless Porpoises from East China Sea: Temporal Trends and Tissue-Specific Accumulation. <i>Environmental Science & Technology</i> , 2022, 56, 6113-6122.	10.0	37
117	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.	12.7	37
118	Enhanced photocatalytic degradation of tetrabromobisphenol A by tourmaline@TiO ₂ composite catalyst. <i>Journal of Materials Science</i> , 2017, 52, 6937-6949.	3.7	36
119	The release and earthworm bioaccumulation of endogenous hexabromocyclododecanes (HBCDDs) from expanded polystyrene foam microparticles. <i>Environmental Pollution</i> , 2019, 255, 113163.	7.5	36
120	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.	12.4	36
121	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.	3.7	35
122	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.	7.5	35
123	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.	8.7	35
124	Plant accumulation and transformation of brominated and organophosphate flame retardants: A review. <i>Environmental Pollution</i> , 2021, 288, 117742.	7.5	34
125	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, 10614-10625.	5.3	33
126	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.	8.2	33

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127	Modifications of black carbons and their influence on pyrene sorption. <i>Chemosphere</i> , 2011, 85, 1306-1311.	8.2	32
128	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.	3.2	32
129	Placental transfer of and infantile exposure to perchlorate. <i>Chemosphere</i> , 2016, 144, 948-954.	8.2	32
130	Isomer-Specific Transplacental Efficiencies of Perfluoroalkyl Substances in Human Whole Blood. <i>Environmental Science and Technology Letters</i> , 2017, 4, 391-398.	8.7	32
131	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.	7.5	32
132	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.	8.0	32
133	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.	7.5	32
134	Phthalate exposure and semen quality in infertile male population from Tianjin, China: Associations and potential mediation by reproductive hormones. <i>Science of the Total Environment</i> , 2020, 744, 140673.	8.0	32
135	Rhamnolipid-modified biochar-enhanced bioremediation of crude oil-contaminated soil and mediated regulation of greenhouse gas emission in soil. <i>Journal of Soils and Sediments</i> , 2021, 21, 123-133.	3.0	31
136	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in Dagang Oilfield: Multimedia distribution and contributions of unknown precursors. <i>Journal of Hazardous Materials</i> , 2021, 412, 125177.	12.4	31
137	Nonylphenol ethoxylates and their metabolites in sewage treatment plants and rivers of Tianjin, China. <i>Chemosphere</i> , 2009, 77, 1-7.	8.2	30
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