

Rong Ji

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.

174
papers

6,209
citations

42
h-index

72
g-index

177
ext. papers

7,784
ext. citations

8.5
avg, IF

6.23
L-index

#	Paper	IF	Citations
174	How relevant is recalcitrance for the stabilization of organic matter in soils?. <i>Journal of Plant Nutrition and Soil Science</i> , 2008 , 171, 91-110	2.3	498
173	TiO ₂ and ZnO nanoparticles negatively affect wheat growth and soil enzyme activities in agricultural soil. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 822-8		390
172	Effects of nanoplastics and microplastics on toxicity, bioaccumulation, and environmental fate of phenanthrene in fresh water. <i>Environmental Pollution</i> , 2016 , 219, 166-173	9.3	319
171	Microplastics in aquatic environments: Occurrence, accumulation, and biological effects. <i>Science of the Total Environment</i> , 2020 , 703, 134699	10.2	185
170	Interaction of metal oxide nanoparticles with higher terrestrial plants: Physiological and biochemical aspects. <i>Plant Physiology and Biochemistry</i> , 2017 , 110, 210-225	5.4	183
169	Nano-Biotechnology in Agriculture: Use of Nanomaterials to Promote Plant Growth and Stress Tolerance. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1935-1947	5.7	175
168	Physiological and Biochemical Changes Imposed by CeO ₂ Nanoparticles on Wheat: A Life Cycle Field Study. <i>Environmental Science & Technology</i> , 2015 , 49, 11884-93	10.3	134
167	Aging Significantly Affects Mobility and Contaminant-Mobilizing Ability of Nanoplastics in Saturated Loamy Sand. <i>Environmental Science & Technology</i> , 2019 , 53, 5805-5815	10.3	118
166	Toxicity and bioaccumulation kinetics of arsenate in two freshwater green algae under different phosphate regimes. <i>Water Research</i> , 2013 , 47, 2497-506	12.5	118
165	Degradation, metabolism, and bound-residue formation and release of Tetrabromobisphenol A in soil during sequential anoxic-oxic incubation. <i>Environmental Science & Technology</i> , 2013 , 47, 8348-54	10.3	113
164	Metabolomics Reveals How Cucumber (<i>Cucumis sativus</i>) Reprograms Metabolites To Cope with Silver Ions and Silver Nanoparticle-Induced Oxidative Stress. <i>Environmental Science & Technology</i> , 2018 , 52, 8016-8026	10.3	108
163	Polystyrene Nanoplastics-Enhanced Contaminant Transport: Role of Irreversible Adsorption in Glassy Polymeric Domain. <i>Environmental Science & Technology</i> , 2018 , 52, 2677-2685	10.3	106
162	Plant diversity drives soil microbial biomass carbon in grasslands irrespective of global environmental change factors. <i>Global Change Biology</i> , 2015 , 21, 4076-85	11.4	105
161	Biotic and abiotic degradation of four cephalosporin antibiotics in a lake surface water and sediment. <i>Chemosphere</i> , 2010 , 80, 1399-405	8.4	87
160	Isomer-specific degradation of branched and linear 4-nonylphenol isomers in an oxic soil. <i>Environmental Science & Technology</i> , 2011 , 45, 8283-9	10.3	80
159	Degradation and metabolism of tetrabromobisphenol A (TBBPA) in submerged soil and soil-plant systems. <i>Environmental Science & Technology</i> , 2014 , 48, 14291-9	10.3	79
158	Solution by dilution?--A review on the pollution status of the Yangtze River. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 6934-71	5.1	76

157	Interactions between microplastics and organic pollutants: Effects on toxicity, bioaccumulation, degradation, and transport. <i>Science of the Total Environment</i> , 2020 , 748, 142427	10.2	76
156	Elevated CO ₂ levels affects the concentrations of copper and cadmium in crops grown in soil contaminated with heavy metals under fully open-air field conditions. <i>Environmental Science & Technology</i> , 2011 , 45, 6997-7003	10.3	71
155	Transformation and mineralization of synthetic ¹⁴ C-labeled humic model compounds by soil-feeding termites. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1281-1291	7.5	69
154	Oxidative stress responses and insights into the sensitivity of the earthworms <i>Metaphire guillelmi</i> and <i>Eisenia fetida</i> to soil cadmium. <i>Science of the Total Environment</i> , 2017 , 574, 300-306	10.2	64
153	Fate of Tetrabromobisphenol A (TBBPA) and Formation of Ester- and Ether-Linked Bound Residues in an Oxic Sandy Soil. <i>Environmental Science & Technology</i> , 2015 , 49, 12758-65	10.3	63
152	Enhanced transport of phenanthrene and 1-naphthol by colloidal graphene oxide nanoparticles in saturated soil. <i>Environmental Science & Technology</i> , 2014 , 48, 10136-44	10.3	63
151	Metabolomics Reveals the "Invisible" Responses of Spinach Plants Exposed to CeO Nanoparticles. <i>Environmental Science & Technology</i> , 2019 , 53, 6007-6017	10.3	62
150	Digestion of peptidic residues in humic substances by an alkali-stable and humic-acid-tolerant proteolytic activity in the gut of soil-feeding termites. <i>Soil Biology and Biochemistry</i> , 2005 , 37, 1648-1655	7.5	58
149	Metabolomics reveals that engineered nanomaterial exposure in soil alters both soil rhizosphere metabolite profiles and maize metabolic pathways. <i>Environmental Science: Nano</i> , 2019 , 6, 1716-1727	7.1	54
148	Fate and metabolism of tetrabromobisphenol A in soil slurries without and with the amendment with the alkylphenol degrading bacterium <i>Sphingomonas</i> sp. strain TTNP3. <i>Environmental Pollution</i> , 2014 , 193, 181-188	9.3	54
147	Species-dependent effects of biochar amendment on bioaccumulation of atrazine in earthworms. <i>Environmental Pollution</i> , 2014 , 186, 241-7	9.3	53
146	Selective digestion of the proteinaceous component of humic substances by the geophagous earthworms <i>Metaphire guillelmi</i> and <i>Amyntas corrugatus</i> . <i>Soil Biology and Biochemistry</i> , 2010 , 42, 1455-1462	7.5	53
145	Bioaccumulation and bound-residue formation of a branched 4-nonylphenol isomer in the geophagous earthworm <i>Metaphire guillelmi</i> in a rice paddy soil. <i>Environmental Science & Technology</i> , 2010 , 44, 4558-63	10.3	52
144	The degradation of alpha-quaternary nonylphenol isomers by <i>Sphingomonas</i> sp. strain TTNP3 involves a type II ipso-substitution mechanism. <i>Applied Microbiology and Biotechnology</i> , 2006 , 70, 114-225	7	52
143	Transformation and mineralization of ¹⁴ C-labeled cellulose, peptidoglycan, and protein by the soil-feeding termite <i>Cubitermes orthognathus</i> . <i>Biology and Fertility of Soils</i> , 2001 , 33, 166-174	6.1	52
142	Predicting toxic potencies of metal oxide nanoparticles by means of nano-QSARs. <i>Nanotoxicology</i> , 2016 , 10, 1207-14	5.3	51
141	Fate in soil of ¹⁴ C-sulfadiazine residues contained in the manure of young pigs treated with a veterinary antibiotic. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008 , 43, 8-20	2.2	51
140	A carbon-14 radiotracer-based study on the phototransformation of polystyrene nanoplastics in water versus in air. <i>Environmental Science: Nano</i> , 2019 , 6, 2907-2917	7.1	50

139	Nitrogen Mineralization, Ammonia Accumulation, and Emission of Gaseous NH ₃ by Soil-feeding Termites. <i>Biogeochemistry</i> , 2006 , 78, 267-283	3.8	50
138	Birnessite-induced binding of phenolic monomers to soil humic substances and nature of the bound residues. <i>Environmental Science & Technology</i> , 2012 , 46, 8843-50	10.3	48
137	Differential effects of copper nanoparticles/microparticles in agronomic and physiological parameters of oregano (<i>Origanum vulgare</i>). <i>Science of the Total Environment</i> , 2018 , 618, 306-312	10.2	48
136	Elevated CO levels modify TiO nanoparticle effects on rice and soil microbial communities. <i>Science of the Total Environment</i> , 2017 , 578, 408-416	10.2	46
135	Mineralisation of C-labelled polystyrene plastics by <i>Penicillium variabile</i> after ozonation pre-treatment. <i>New Biotechnology</i> , 2017 , 38, 101-105	6.4	46
134	Enhanced transformation of tetrabromobisphenol a by nitrifiers in nitrifying activated sludge. <i>Environmental Science & Technology</i> , 2015 , 49, 4283-92	10.3	44
133	Silver Nanoparticles Alter Soil Microbial Community Compositions and Metabolite Profiles in Unplanted and Cucumber-Planted Soils. <i>Environmental Science & Technology</i> , 2020 , 54, 3334-3342	10.3	44
132	Effects of biochar on the transformation and earthworm bioaccumulation of organic pollutants in soil. <i>Chemosphere</i> , 2016 , 145, 431-7	8.4	42
131	Fate and O-methylating detoxification of Tetrabromobisphenol A (TBBPA) in two earthworms (<i>Metaphire guillelmi</i> and <i>Eisenia fetida</i>). <i>Environmental Pollution</i> , 2017 , 227, 526-533	9.3	38
130	Antioxidant and gene expression responses of <i>Eisenia fetida</i> following repeated exposure to BDE209 and Pb in a soil-earthworm system. <i>Science of the Total Environment</i> , 2016 , 556, 163-8	10.2	38
129	Effects of nitrogen and phosphorus on arsenite accumulation, oxidation, and toxicity in <i>Chlamydomonas reinhardtii</i> . <i>Aquatic Toxicology</i> , 2014 , 157, 167-74	5.1	34
128	Digestion and residue stabilization of bacterial and fungal cells, protein, peptidoglycan, and chitin by the geophagous earthworm <i>Metaphire guillelmi</i> . <i>Soil Biology and Biochemistry</i> , 2013 , 64, 9-17	7.5	34
127	Biochar, activated carbon, and carbon nanotubes have different effects on fate of (14)C-catechol and microbial community in soil. <i>Scientific Reports</i> , 2015 , 5, 16000	4.9	34
126	Effects of microcystin-LR on the metal bioaccumulation and toxicity in <i>Chlamydomonas reinhardtii</i> . <i>Water Research</i> , 2012 , 46, 369-77	12.5	34
125	C60 Fullerenols Enhance Copper Toxicity and Alter the Leaf Metabolite and Protein Profile in Cucumber. <i>Environmental Science & Technology</i> , 2019 , 53, 2171-2180	10.3	33
124	Metal nanoparticles by doping carbon nanotubes improved the sorption of perfluorooctanoic acid. <i>Journal of Hazardous Materials</i> , 2018 , 351, 206-214	12.8	31
123	Abiotic association of soil-borne monomeric phenols with humic acids. <i>Organic Geochemistry</i> , 2005 , 36, 583-593	3.1	31
122	Synthesis and characterization of specifically 14C-labeled humic model compounds for feeding trials with soil-feeding termites. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1271-1280	7.5	31

121	Foliar Application of SiO Nanoparticles Alters Soil Metabolite Profiles and Microbial Community Composition in the Pakchoi (L.) Rhizosphere Grown in Contaminated Mine Soil. <i>Environmental Science & Technology</i> , 2020 , 54, 13137-13146	10.3	31
120	Release of polycyclic aromatic hydrocarbons from biochar fine particles in simulated lung fluids: Implications for bioavailability and risks of airborne aromatics. <i>Science of the Total Environment</i> , 2019 , 655, 1159-1168	10.2	31
119	Mn3O4 nanozymes boost endogenous antioxidant metabolites in cucumber (<i>Cucumis sativus</i>) plant and enhance resistance to salinity stress. <i>Environmental Science: Nano</i> , 2020 , 7, 1692-1703	7.1	30
118	Physiological and metabolic responses of maize (<i>Zea mays</i>) plants to FeO nanoparticles. <i>Science of the Total Environment</i> , 2020 , 718, 137400	10.2	30
117	The fate of catechol in soil as affected by earthworms and clay. <i>Soil Biology and Biochemistry</i> , 2009 , 41, 330-339	7.5	30
116	Removal of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) from water by carbonaceous nanomaterials: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 50, 2379-2414	11.1	30
115	Degradation of 2,4-Dichlorophenoxyacetic Acid (2,4-D) by Novel Photocatalytic Material of Tourmaline-Coated TiO ₂ Nanoparticles: Kinetic Study and Model. <i>Materials</i> , 2013 , 6, 1530-1542	3.5	29
114	<i>Sporotalea propionica</i> gen. nov. sp. nov., a hydrogen-oxidizing, oxygen-reducing, propionigenic firmicute from the intestinal tract of a soil-feeding termite. <i>Archives of Microbiology</i> , 2007 , 187, 15-27	3	29
113	Label-Free Imaging of Nanoparticle Uptake Competition in Single Cells by Hyperspectral Stimulated Raman Scattering. <i>Small</i> , 2018 , 14, 1703246	11	28
112	Comparative evaluation of nonylphenol isomers on steroidogenesis of rat Leydig Cells. <i>Toxicology in Vitro</i> , 2012 , 26, 1114-21	3.6	28
111	Ethyl lactate-EDTA composite system enhances the remediation of the cadmium-contaminated soil by autochthonous willow (<i>Salix x aureo-pendula</i> CL 1011) in the lower reaches of the Yangtze River. <i>Journal of Hazardous Materials</i> , 2010 , 181, 673-8	12.8	28
110	Comparison of the phytotoxicity between chemically and green synthesized silver nanoparticles. <i>Science of the Total Environment</i> , 2021 , 752, 142264	10.2	28
109	Photodegradation of carbon dots cause cytotoxicity. <i>Nature Communications</i> , 2021 , 12, 812	17.4	27
108	Transport and retention of perfluorooctanoic acid (PFOA) in natural soils: Importance of soil organic matter and mineral contents, and solution ionic strength. <i>Journal of Contaminant Hydrology</i> , 2019 , 225, 103477	3.9	26
107	Contributions of ryegrass, lignin and rhamnolipid to polycyclic aromatic hydrocarbon dissipation in an arable soil. <i>Soil Biology and Biochemistry</i> , 2018 , 118, 27-34	7.5	25
106	Degradation and bound-residue formation of nonylphenol in red soil and the effects of ammonium. <i>Environmental Pollution</i> , 2014 , 186, 83-9	9.3	25
105	Effects of the geophagous earthworm <i>Metaphire guillelmi</i> on sorption, mineralization, and bound-residue formation of 4-nonylphenol in an agricultural soil. <i>Environmental Pollution</i> , 2014 , 189, 202-7	9.3	25
104	Enhancement of chlorophenol sorption on soil by geophagous earthworms (<i>Metaphire guillelmi</i>). <i>Chemosphere</i> , 2011 , 82, 156-62	8.4	25

103	Nitrogen mineralization, denitrification, and nitrate ammonification by soil-feeding termites: a ¹⁵ N-based approach. <i>Biogeochemistry</i> , 2011 , 103, 355-369	3.8	25
102	Role of dissolved humic acids in the biodegradation of a single isomer of nonylphenol by <i>Sphingomonas</i> sp. <i>Chemosphere</i> , 2007 , 68, 2172-80	8.4	25
101	Quantifying the bioaccumulation of nanoplastics and PAHs in the clamworm <i>Perinereis aibuhitensis</i> . <i>Science of the Total Environment</i> , 2019 , 655, 591-597	10.2	25
100	Elevated CO levels increase the toxicity of ZnO nanoparticles to goldfish (<i>Carassius auratus</i>) in a water-sediment ecosystem. <i>Journal of Hazardous Materials</i> , 2017 , 327, 64-70	12.8	24
99	Transcriptome Reveals the Rice Response to Elevated Free Air CO Concentration and TiO Nanoparticles. <i>Environmental Science & Technology</i> , 2019 , 53, 11714-11724	10.3	24
98	Physicochemical factors controlling the retention and transport of perfluorooctanoic acid (PFOA) in saturated sand and limestone porous media. <i>Water Research</i> , 2018 , 141, 251-258	12.5	24
97	Bioaccumulation and elimination of bisphenol a (BPA) in the alga <i>Chlorella pyrenoidosa</i> and the potential for trophic transfer to the rotifer <i>Brachionus calyciflorus</i> . <i>Environmental Pollution</i> , 2017 , 227, 460-467	9.3	23
96	Insights into tetrabromobisphenol A adsorption onto soils: Effects of soil components and environmental factors. <i>Science of the Total Environment</i> , 2015 , 536, 582-588	10.2	23
95	Inhibitory effects of carbon nanotubes on the degradation of 14C-2,4-dichlorophenol in soil. <i>Chemosphere</i> , 2013 , 90, 527-34	8.4	23
94	Removal of carbofuran from aqueous solution by orange peel. <i>Desalination and Water Treatment</i> , 2012 , 49, 106-114		23
93	Synthesis of [¹³ C]- and [¹⁴ C]-labeled phenolic humus and lignin monomers. <i>Chemosphere</i> , 2005 , 60, 1169-81	9.4	23
92	Fate of phenanthrene and mineralization of its non-extractable residues in an oxic soil. <i>Environmental Pollution</i> , 2017 , 224, 377-383	9.3	22
91	Sorption of a branched nonylphenol and perfluorooctanoic acid on Yangtze River sediments and their model components. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2653-8		22
90	Stimulation of Tetrabromobisphenol A Binding to Soil Humic Substances by Birnessite and the Chemical Structure of the Bound Residues. <i>Environmental Science & Technology</i> , 2016 , 50, 6257-66	10.3	21
89	Photocatalytic mineralization of dimethoate in aqueous solutions using TiO ₂ : Parameters and by-products analysis. <i>Desalination</i> , 2010 , 258, 28-33	10.3	21
88	Metabolism of a nonylphenol isomer by <i>Sphingomonas</i> sp. strain TTNP3. <i>Environmental Chemistry Letters</i> , 2005 , 2, 185-189	13.3	21
87	Effects of the earthworm <i>Metaphire guillelmi</i> on the mineralization, metabolism, and bound-residue formation of tetrabromobisphenol A (TBBPA) in soil. <i>Science of the Total Environment</i> , 2017 , 595, 528-536	10.2	20
86	Surface-associated metal catalyst enhances the sorption of perfluorooctanoic acid to multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2012 , 377, 342-6	9.3	20

85	Dynamics in composition and size-class distribution of humic substances in profundal sediments of Lake Constance. <i>Organic Geochemistry</i> , 2001 , 32, 3-10	3.1	20
84	Toxicity of combined chromium(VI) and phenanthrene pollution on the seed germination, stem lengths, and fresh weights of higher plants. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 15227-35	5.1	19
83	Improving removal of antibiotics in constructed wetland treatment systems based on key design and operational parameters: A review. <i>Journal of Hazardous Materials</i> , 2021 , 407, 124386	12.8	19
82	Formation, characterization, and mineralization of bound residues of tetrabromobisphenol A (TBBPA) in silty clay soil under oxic conditions. <i>Science of the Total Environment</i> , 2017 , 599-600, 332-339	10.2	18
81	Improved sorption of perfluorooctanoic acid on carbon nanotubes hybridized by metal oxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 15507-15517	5.1	17
80	Oxidation of benzo[a]pyrene by laccase in soil enhances bound residue formation and reduces disturbance to soil bacterial community composition. <i>Environmental Pollution</i> , 2018 , 242, 462-469	9.3	17
79	Fate and ecological effects of decabromodiphenyl ether in a field lysimeter. <i>Environmental Science & Technology</i> , 2013 , 47, 9167-74	10.3	17
78	Environmental fate of phenanthrene in lysimeter planted with wheat and rice in rotation. <i>Journal of Hazardous Materials</i> , 2011 , 188, 408-13	12.8	17
77	Effect of structural composition of humic acids on the sorption of a branched nonylphenol isomer. <i>Chemosphere</i> , 2011 , 84, 409-14	8.4	17
76	Low Concentrations of Silver Nanoparticles and Silver Ions Perturb the Antioxidant Defense System and Nitrogen Metabolism in N-Fixing Cyanobacteria. <i>Environmental Science & Technology</i> , 2020 , 54, 15996-16005	10.3	17
75	High-Throughput Screening for Engineered Nanoparticles That Enhance Photosynthesis Using Mesophyll Protoplasts. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 3382-3389	5.7	16
74	Bioaccumulation, physiological distribution, and biotransformation of tetrabromobisphenol a (TBBPA) in the geophagous earthworm <i>Metaphire guillelmi</i> - hint for detoxification strategy. <i>Journal of Hazardous Materials</i> , 2020 , 388, 122027	12.8	16
73	Facile synthesis of (⁵⁵ Fe)-labeled well-dispersible hematite nanoparticles for bioaccumulation studies in nanotoxicology. <i>Environmental Pollution</i> , 2016 , 213, 801-808	9.3	16
72	Fate and metabolism of the brominated flame retardant tetrabromobisphenol A (TBBPA) in rice cell suspension culture. <i>Environmental Pollution</i> , 2016 , 214, 299-306	9.3	15
71	Transformation of tetrabromobisphenol A by <i>Rhodococcus jostii</i> RHA1: Effects of heavy metals. <i>Chemosphere</i> , 2018 , 196, 206-213	8.4	14
70	Abiotic association of PAEs with humic substances and its influence on the fate of PAEs in landfill leachate. <i>Chemosphere</i> , 2010 , 78, 1362-7	8.4	14
69	Key Physicochemical Properties Dictating Gastrointestinal Bioaccessibility of Microplastics-Associated Organic Xenobiotics: Insights from a Deep Learning Approach. <i>Environmental Science & Technology</i> , 2020 , 54, 12051-12062	10.3	13
68	Microbial communities in the rhizosphere of different willow genotypes affect phytoremediation potential in Cd contaminated soil. <i>Science of the Total Environment</i> , 2021 , 769, 145224	10.2	13

67	In-situ immobilization of cadmium-polluted upland soil: A ten-year field study. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 207, 111275	7	13
66	Risk assessment of engineered nanoparticles and other contaminants in terrestrial plants. <i>Current Opinion in Environmental Science and Health</i> , 2018 , 6, 21-28	8.1	12
65	Mobilization of soil phosphorus during passage through the gut of larvae of <i>Pachnoda ephippiata</i> (Coleoptera: Scarabaeidae). <i>Plant and Soil</i> , 2006 , 288, 263-270	4.2	12
64	Microplastics in agricultural soils: sources, effects, and their fate. <i>Current Opinion in Environmental Science and Health</i> , 2022 , 25, 100311	8.1	12
63	Response of soil microbial communities to engineered nanomaterials in presence of maize (<i>Zea mays</i> L.) plants. <i>Environmental Pollution</i> , 2020 , 267, 115608	9.3	12
62	Heavy metals in face paints: Assessment of the health risks to Chinese opera actors. <i>Science of the Total Environment</i> , 2020 , 724, 138163	10.2	11
61	CdS nanoparticles in soil induce metabolic reprogramming in broad bean (<i>Vicia faba</i> L.) roots and leaves. <i>Environmental Science: Nano</i> , 2020 , 7, 93-104	7.1	11
60	Effects of ¹⁷ β-estradiol and ¹⁷ β-ethinylestradiol on the embryonic development of the clearhead icefish (<i>Protosalanx hyalocranium</i>). <i>Chemosphere</i> , 2017 , 176, 18-24	8.4	10
59	Single particle ICP-MS and GC-MS provide a new insight into the formation mechanisms during the green synthesis of AgNPs. <i>New Journal of Chemistry</i> , 2019 , 43, 3946-3955	3.6	10
58	Phytoremediation of soils contaminated with phenanthrene and cadmium by growing willow (<i>Salix alba</i> L.). <i>International Journal of Phytoremediation</i> , 2016 , 18, 150-6	3.9	10
57	Effects of biochar and the geophagous earthworm <i>Metaphire guillelmi</i> on fate of (14)C-catechol in an agricultural soil. <i>Chemosphere</i> , 2014 , 107, 109-114	8.4	10
56	Effects of Cu and humic acids on degradation and fate of TBBPA in pure culture of <i>Pseudomonas</i> sp. strain CDT. <i>Journal of Environmental Sciences</i> , 2017 , 62, 60-67	6.4	10
55	Fate of a branched nonylphenol isomer in submerged paddy soils amended with nitrate. <i>Water Research</i> , 2008 , 42, 4802-8	12.5	10
54	Importance of surface roughness on perfluorooctanoic acid (PFOA) transport in unsaturated porous media. <i>Environmental Pollution</i> , 2020 , 266, 115343	9.3	10
53	Polystyrene microplastics alleviate the effects of sulfamethazine on soil microbial communities at different CO ₂ concentrations. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125286	12.8	10
52	Response of soil bacterial communities to sulfadiazine present in manure: Protection and adaptation mechanisms of extracellular polymeric substances. <i>Journal of Hazardous Materials</i> , 2021 , 408, 124887	12.8	9
51	Species-dependent effects of earthworms on the fates and bioavailability of tetrabromobisphenol A and cadmium coexisted in soils. <i>Science of the Total Environment</i> , 2019 , 658, 1416-1422	10.2	9
50	Fate of C-bisphenol F isomers in an oxic soil and the effects of earthworm. <i>Science of the Total Environment</i> , 2019 , 657, 254-261	10.2	9

49	Response of cucumber (<i>Cucumis sativus</i>) to perfluorooctanoic acid in photosynthesis and metabolomics. <i>Science of the Total Environment</i> , 2020 , 724, 138257	10.2	8
48	Species-dependent toxicity, accumulation, and subcellular partitioning of cadmium in combination with tetrabromobisphenol A in earthworms. <i>Chemosphere</i> , 2018 , 210, 1042-1050	8.4	8
47	Degradation of methyl blue using Fe-tourmaline as a novel photocatalyst. <i>Molecules</i> , 2013 , 18, 1457-63	4.8	8
46	Steam disinfection releases micro(nano)plastics from silicone-rubber baby teats as examined by optical photothermal infrared microspectroscopy. <i>Nature Nanotechnology</i> , 2021 ,	28.7	8
45	Degradation of Bisphenol S by a Bacterial Consortium Enriched from River Sediments. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 103, 630-635	2.7	7
44	Release of tetrabromobisphenol A (TBBPA)-derived non-extractable residues in oxic soil and the effects of the TBBPA-degrading bacterium <i>Ochrobactrum</i> sp. strain T. <i>Journal of Hazardous Materials</i> , 2019 , 378, 120666	12.8	7
43	Effects of veterinary antibiotics on the fate and persistence of ¹⁷ Estradiol in swine manure. <i>Journal of Hazardous Materials</i> , 2019 , 375, 198-205	12.8	7
42	Dissipation, transformation and accumulation of triclosan in soil-earthworm system and effects of biosolids application. <i>Science of the Total Environment</i> , 2020 , 712, 136563	10.2	7
41	The bioaccumulation, elimination, and trophic transfer of BDE-47 in the aquatic food chain of <i>Chlorella pyrenoidosa</i> - <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2020 , 258, 113720	9.3	7
40	Thorough utilization of rice husk: metabolite extracts for silver nanocomposite biosynthesis and residues for silica nanomaterials fabrication. <i>New Journal of Chemistry</i> , 2019 , 43, 9201-9209	3.6	6
39	C-Labeling of the natural steroid estrogens ¹⁷ Estradiol, ¹⁷ Estradiol, and estrone. <i>Journal of Hazardous Materials</i> , 2019 , 375, 26-32	12.8	6
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