

Rong Ji

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3221075/rong-ji-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	CuO nanoparticles modify bioaccumulation of perfluorooctanoic acid in radish (<i>Raphanus sativus</i> L.). <i>Environmental Pollutants and Bioavailability</i> , 2022 , 34, 34-41	2.8	1
173	Microplastics in agricultural soils: sources, effects, and their fate. <i>Current Opinion in Environmental Science and Health</i> , 2022 , 25, 100311	8.1	12
172	Synthesis of typical sulfonamide antibiotics with [C]- and [C]-labeling on the phenyl ring for use in environmental studies.. <i>Environmental Sciences Europe</i> , 2022 , 34, 23	5	1
171	Effects of nano- and microplastics on the bioaccumulation and distribution of phenanthrene in the soil feeding earthworm <i>Metaphire guillelmi</i> .. <i>Science of the Total Environment</i> , 2022 , 155125	10.2	1
170	Formation and nature of non-extractable residues of emerging organic contaminants in humic acids catalyzed by laccase.. <i>Science of the Total Environment</i> , 2022 , 154300	10.2	0
169	Environmental implications of MoS nanosheets on rice and associated soil microbial communities. <i>Chemosphere</i> , 2021 , 291, 133004	8.4	2
168	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
167	Biochar Fine Particles Enhance Uptake of Benzo(a)pyrene to Macrophages and Epithelial Cells via Different Mechanisms. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 218-223	11	4
166	Aging Processes of Polyethylene Mulch Films and Preparation of Microplastics with Environmental Characteristics. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 107, 736-740	2.7	4
165	Long-Term Field Study on Fate, Transformation, and Vertical Transport of Tetrabromobisphenol A in Soil-Plant Systems. <i>Environmental Science & Technology</i> , 2021 , 55, 4607-4615	10.3	2
164	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
163	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
162	How do humans recognize and face challenges of microplastic pollution in marine environments? A bibliometric analysis. <i>Environmental Pollution</i> , 2021 , 280, 116959	9.3	6
161	In-situ immobilization of cadmium-polluted upland soil: A ten-year field study. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 207, 111275	7	13
160	Elevated CO concentration modifies the effects of organic fertilizer substitution on rice yield and soil ARGs. <i>Science of the Total Environment</i> , 2021 , 754, 141898	10.2	2
159	Comparison of the phytotoxicity between chemically and green synthesized silver nanoparticles. <i>Science of the Total Environment</i> , 2021 , 752, 142264	10.2	28
158	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

157	Quantification of polystyrene plastics degradation using C isotope tracer technique. <i>Methods in Enzymology</i> , 2021 , 648, 121-136	1.7	1
156	Photodegradation of carbon dots cause cytotoxicity. <i>Nature Communications</i> , 2021 , 12, 812	17.4	27
155	Polystyrene microplastics alleviate the effects of sulfamethazine on soil microbial communities at different CO concentrations. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125286	12.8	10
154	MoS Nanosheets-Cyanobacteria Interaction: Reprogrammed Carbon and Nitrogen Metabolism. <i>ACS Nano</i> , 2021 , 15, 16344-16356	16.7	3
153	Influence of Tubificidae <i>Limnodrilus</i> and electron acceptors on the environmental fate of BDE-47 in sediments by (14)C-labelling. <i>Environmental Pollution</i> , 2021 , 288, 117737	9.3	0
152	Degradation, transformation, and non-extractable residue formation of nitrated nonylphenol isomers in an oxic soil. <i>Environmental Pollution</i> , 2021 , 289, 117880	9.3	1
151	Polystyrene Nanoplastics Inhibit the Transformation of Tetrabromobisphenol A by the Bacterium .. <i>ACS Nano</i> , 2021 ,	16.7	1
150	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
149	Transformation of catechol coupled to redox alteration of humic acids and the effects of Cu and Fe cations. <i>Science of the Total Environment</i> , 2020 , 725, 138245	10.2	2
148	Degradation and transformation of nitrated nonylphenol isomers in activated sludge under nitrifying and heterotrophic conditions. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122438	12.8	2
147	Fate of 2,4,6-Tribromophenol in Soil Under Different Redox Conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 104, 707-713	2.7	0
146	Fate of bisphenol S (BPS) and characterization of non-extractable residues in soil: Insights into persistence of BPS. <i>Environment International</i> , 2020 , 143, 105908	12.9	6
145	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
144	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
143	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
142	Fate of 4-bromodiphenyl ether (BDE3) in soil and the effects of co-existed copper. <i>Environmental Pollution</i> , 2020 , 261, 114214	9.3	4
141	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
140	Accumulation and Transformation of 2,2,4,4-Tetrabrominated Diphenyl Ether (BDE47) by the Earthworm <i>Metaphire vulgaris</i> in Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 104, 701-706	2.7	1

139	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
138	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
137	Fate of lower-brominated diphenyl ethers (LBDEs) in a red soil - Application of C-labelling. <i>Science of the Total Environment</i> , 2020 , 721, 137735	10.2	4
136	Microplastics in aquatic environments: Occurrence, accumulation, and biological effects. <i>Science of the Total Environment</i> , 2020 , 703, 134699	10.2	185
135	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
134	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
133	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
132	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
131	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
130	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
129	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
128	Importance of surface roughness on perfluorooctanoic acid (PFOA) transport in unsaturated porous media. <i>Environmental Pollution</i> , 2020 , 266, 115343	9.3	10
127	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
126	Foliar Application of SiO ₂ Nanoparticles Alters Soil Metabolite Profiles and Microbial Community Composition in the Pakchoi (<i>L.</i>) Rhizosphere Grown in Contaminated Mine Soil. <i>Environmental Science & Technology</i> , 2020 , 54, 13137-13146	10.3	31
125	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
124	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
123	Transcriptome Reveals the Rice Response to Elevated Free Air CO ₂ Concentration and TiO ₂ Nanoparticles. <i>Environmental Science & Technology</i> , 2019 , 53, 11714-11724	10.3	24
122	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

121	C60 Fullerenes 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
120	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
119	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
118	Effects of veterinary antibiotics on the fate and persistence of ¹⁷ β-estradiol in swine manure. <i>Journal of Hazardous Materials</i> , 2019 , 375, 198-205	12.8	7
117	Metabolomics Reveals the "Invisible" Responses of Spinach Plants Exposed to CeO Nanoparticles. <i>Environmental Science & Technology</i> , 2019 , 53, 6007-6017	10.3	62
116	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
115	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
114	C-Labeling of the natural steroid estrogens ¹⁷ β-estradiol, ¹⁷ α-estradiol, and estrone. <i>Journal of Hazardous Materials</i> , 2019 , 375, 26-32	12.8	6
113	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
112	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
111	Influence of the geophagous earthworm <i>Aporrectodea</i> sp. on fate of bisphenol A and a branched 4-nonylphenol isomer in soil. <i>Science of the Total Environment</i> , 2019 , 693, 133574	10.2	5
110	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
109	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
108	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
107	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
106	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
105	Fate of Several Typical Organic Pollutants in Soil and Impacts of Earthworms and Plants 2018 , 575-589		
104	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

103	Transformation of tetrabromobisphenol A by <i>Rhodococcus jostii</i> RHA1: Effects of heavy metals. <i>Chemosphere</i> , 2018 , 196, 206-213	8.4	14
102	Label-Free Imaging of Nanoparticle Uptake Competition in Single Cells by Hyperspectral Stimulated Raman Scattering. <i>Small</i> , 2018 , 14, 1703246	11	28
101	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
100	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
99	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
98	Elevated tropospheric CO and O concentrations impair organic pollutant removal from grassland soil. <i>Scientific Reports</i> , 2018 , 8, 5519	4.9	6
97	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
96	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
95	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
94	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
93	Elevated CO ₂ accelerates polycyclic aromatic hydrocarbon accumulation in a paddy soil grown with rice. <i>PLoS ONE</i> , 2018 , 13, e0196439	3.7	3
92	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
91	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
90	Effects of 17 β -estradiol and 17 β -ethinylestradiol on the embryonic development of the clearhead icefish (<i>Protosalanx hyalocranius</i>). <i>Chemosphere</i> , 2017 , 176, 18-24	8.4	10
89	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
88	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
87	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
86	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

85	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
84	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
83	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
82	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
81	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
80	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
79	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
78	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
77	Predicting toxic potencies of metal oxide nanoparticles by means of nano-QSARs. <i>Nanotoxicology</i> , 2016 , 10, 1207-14	5.3	51
76	Photocatalytic degradation of methyl blue by tourmaline-coated TiO ₂ nanoparticles. <i>Desalination and Water Treatment</i> , 2016 , 57, 19292-19300		2
75	Effects of biochar on the transformation and earthworm bioaccumulation of organic pollutants in soil. <i>Chemosphere</i> , 2016 , 145, 431-7	8.4	42
74	Phytoremediation of soils contaminated with phenanthrene and cadmium by growing willow (<i>Salix lauro-pendula</i> CL R1011R). <i>International Journal of Phytoremediation</i> , 2016 , 18, 150-6	3.9	10
73	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
72	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
71	Cadmium Accumulation Kinetics in <i>Rhodococcus jostii</i> RHA1 and Potential Effects of Brominated Flame Retardants. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	3
70	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
69	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
68	Soil-specific effects of urea addition on mineralization of aromatic and proteinaceous components of humic-like substances in three agricultural soils. <i>Biology and Fertility of Soils</i> , 2015 , 51, 615-623	6.1	2

67	Enhanced transformation of tetrabromobisphenol a by nitrifiers in nitrifying activated sludge. <i>Environmental Science & Technology</i> , 2015 , 49, 4283-92	10.3	44
66	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
65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	Species-dependent effects of biochar amendment on bioaccumulation of atrazine in earthworms. <i>Environmental Pollution</i> , 2014 , 186, 241-7	9.3	53
56	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
55	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
54	Synthesis and characterization of 14C-labelled sulfate conjugates of steroid oestrogens. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014 , 57, 470-6	1.9	4
53	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
52	Interactions between m-phenylenediamine and bovine serum albumin measured by spectroscopy. <i>Luminescence</i> , 2013 , 28, 226-31	2.5	6
51	Fate and ecological effects of decabromodiphenyl ether in a field lysimeter. <i>Environmental Science & Technology</i> , 2013 , 47, 9167-74	10.3	17
50	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

49	Influences of perfluorooctanoic acid on the aggregation of multi-walled carbon nanotubes. <i>Journal of Environmental Sciences</i> , 2013 , 25, 466-72	6.4	3
48	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
47	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
46	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
45	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
44	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
43	The Co-application of Willow and Earthworms/Horseradish for Removal of Pentachlorophenol from Contaminated Soils. <i>Soil and Sediment Contamination</i> , 2013 , 22, 498-509	3.2	1
42	Degradation of methyl blue using Fe-tourmaline as a novel photocatalyst. <i>Molecules</i> , 2013 , 18, 1457-63	4.8	8
41	Effects of Black Carbon and Earthworms on the Degradation and Residual Distribution of 14C-2,4-Dichlorophenol and 14C-Phenanthrene in Soil 2013 , 965-969		
40	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
39	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
38	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
37	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
36	Comparative evaluation of nonylphenol isomers on steroidogenesis of rat Leydig Cells. <i>Toxicology in Vitro</i> , 2012 , 26, 1114-21	3.6	28
35	Abiotic association of phthalic acid esters with humic acid of a sludge landfill. <i>Frontiers of Environmental Science and Engineering</i> , 2012 , 6, 778-783	5.8	1
34	Removal of carbofuran from aqueous solution by orange peel. <i>Desalination and Water Treatment</i> , 2012 , 49, 106-114		23
33	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
32	Enhancement of chlorophenol sorption on soil by geophagous earthworms (<i>Metaphire guillelmi</i>). <i>Chemosphere</i> , 2011 , 82, 156-62	8.4	25

31	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
30	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
29	Effects of fulvic substances on the distribution and migration of Hg in landfill leachate. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 1464-9		3
28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	Fate of a branched nonylphenol isomer in submerged paddy soils amended with nitrate. <i>Water Research</i> , 2008 , 42, 4802-8	12.5	10
17	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
16	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
15	<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
14	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

13	The degradation of alpha-quaternary nonylphenol isomers by Sphingomonas sp. strain TTNP3 involves a type II ipso-substitution mechanism. <i>Applied Microbiology and Biotechnology</i> , 2006 , 70, 114-225	5.7	52
12	Mobilization of soil phosphorus during passage through the gut of larvae of Pachnoda ehippiata (Coleoptera: Scarabaeidae). <i>Plant and Soil</i> , 2006 , 288, 263-270	4.2	12
11	Nitrogen Mineralization, Ammonia Accumulation, and Emission of Gaseous NH ₃ by Soil-feeding Termites. <i>Biogeochemistry</i> , 2006 , 78, 267-283	3.8	50
10	Synthesis of [13C]- and [14C]-labeled phenolic humus and lignin monomers. <i>Chemosphere</i> , 2005 , 60, 1169-1171	3.1	23
9	Abiotic association of soil-borne monomeric phenols with humic acids. <i>Organic Geochemistry</i> , 2005 , 36, 583-593	3.1	31
8	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
7	Metabolism of a nonylphenol isomer by Sphingomonas sp. strain TTNP3. <i>Environmental Chemistry Letters</i> , 2005 , 2, 185-189	13.3	21
6	Synthesis of [uniformly ring-14C]-labelled 4-hydroxybenzaldehyde, vanillin, and protocatechualdehyde. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004 , 47, 209-216	1.9	2
5	Synthesis of 13C- and 14C-labelled catechol. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2002 , 45, 551-558	1.9	6
4	Transformation and mineralization of 14C-labeled cellulose, peptidoglycan, and protein by the soil-feeding termite Cubitermes orthognathus. <i>Biology and Fertility of Soils</i> , 2001 , 33, 166-174	6.1	52
3	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
2	Transformation and mineralization of synthetic 14C-labeled humic model compounds by soil-feeding termites. <i>Soil Biology and Biochemistry</i> , 2000 , 32, 1281-1291	7.5	69
1	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