

Daohui Lin

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.

149
papers

9,101
citations

42
h-index

94
g-index

158
ext. papers

10,502
ext. citations

8.8
avg. IF

6.79
L-index

#	Paper	IF	Citations
149	Phytotoxicity of nanoparticles: inhibition of seed germination and root growth. <i>Environmental Pollution</i> , 2007 , 150, 243-50	9.3	1232
148	Root uptake and phytotoxicity of ZnO nanoparticles. <i>Environmental Science & Technology</i> , 2008 , 42, 5580-5	10.3	815
147	Toxicity of ZnO nanoparticles to Escherichia coli: mechanism and the influence of medium components. <i>Environmental Science & Technology</i> , 2011 , 45, 1977-83	10.3	555
146	Adsorption of phenolic compounds by carbon nanotubes: role of aromaticity and substitution of hydroxyl groups. <i>Environmental Science & Technology</i> , 2008 , 42, 7254-9	10.3	477
145	Adsorption and hysteresis of bisphenol A and 17alpha-ethinyl estradiol on carbon nanomaterials. <i>Environmental Science & Technology</i> , 2008 , 42, 5480-5	10.3	368
144	Interactions of humic acid with nanosized inorganic oxides. <i>Langmuir</i> , 2009 , 25, 3571-6	4	316
143	Multifunctional iron-biochar composites for the removal of potentially toxic elements, inherent cations, and hetero-chloride from hydraulic fracturing wastewater. <i>Environment International</i> , 2019 , 124, 521-532	12.9	287
142	Fate and transport of engineered nanomaterials in the environment. <i>Journal of Environmental Quality</i> , 2010 , 39, 1896-908	3.4	272
141	Tannic acid adsorption and its role for stabilizing carbon nanotube suspensions. <i>Environmental Science & Technology</i> , 2008 , 42, 5917-23	10.3	256
140	Toxicity of oxide nanoparticles to the green algae Chlorella sp.. <i>Chemical Engineering Journal</i> , 2011 , 170, 525-530	14.7	249
139	Environmental transformations and ecological effects of iron-based nanoparticles. <i>Environmental Pollution</i> , 2018 , 232, 10-30	9.3	184
138	Nanoparticle interactions with co-existing contaminants: joint toxicity, bioaccumulation and risk. <i>Nanotoxicology</i> , 2017 , 11, 591-612	5.3	172
137	The influence of dissolved and surface-bound humic acid on the toxicity of TiO ₂ nanoparticles to Chlorella sp. <i>Water Research</i> , 2012 , 46, 4477-87	12.5	170
136	Effects of water chemistry on the dissolution of ZnO nanoparticles and their toxicity to Escherichia coli. <i>Environmental Pollution</i> , 2013 , 173, 97-102	9.3	164
135	Systematic and quantitative investigation of the mechanism of carbon nanotubes toxicity toward algae. <i>Environmental Science & Technology</i> , 2012 , 46, 8458-66	10.3	156
134	The effect of ionic strength and pH on the stability of tannic acid-facilitated carbon nanotube suspensions. <i>Carbon</i> , 2009 , 47, 2875-2882	10.4	137
133	Toxicity of TiO ₂ nanoparticles to Escherichia coli: effects of particle size, crystal phase and water chemistry. <i>PLoS ONE</i> , 2014 , 9, e110247	3.7	129

132	Toxicity of iron-based nanoparticles to green algae: Effects of particle size, crystal phase, oxidation state and environmental aging. <i>Environmental Pollution</i> , 2016 , 218, 505-512	9.3	116
131	Clay minerals affect the stability of surfactant-facilitated carbon nanotube suspensions. <i>Environmental Science & Technology</i> , 2008 , 42, 6869-75	10.3	110
130	Influence of surface oxidation of multiwalled carbon nanotubes on the adsorption affinity and capacity of polar and nonpolar organic compounds in aqueous phase. <i>Environmental Science & Technology</i> , 2012 , 46, 5446-54	10.3	102
129	Heteroagglomeration of oxide nanoparticles with algal cells: effects of particle type, ionic strength and pH. <i>Environmental Science & Technology</i> , 2015 , 49, 932-9	10.3	101
128	Adsorption of Triton X-series surfactants and its role in stabilizing multi-walled carbon nanotube suspensions. <i>Chemosphere</i> , 2010 , 79, 362-7	8.4	95
127	Toxicity of perfluorooctane sulfonate and perfluorooctanoic acid to Escherichia coli: Membrane disruption, oxidative stress, and DNA damage induced cell inactivation and/or death. <i>Environmental Pollution</i> , 2016 , 214, 806-815	9.3	82
126	The biophysicochemical interactions at the interfaces between nanoparticles and aquatic organisms: adsorption and internalization. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 145-60	4.3	81
125	Nanoscale zero-valent iron for metal/metalloid removal from model hydraulic fracturing wastewater. <i>Chemosphere</i> , 2017 , 176, 315-323	8.4	80
124	Surface-bound humic acid increased Pb ²⁺ sorption on carbon nanotubes. <i>Environmental Pollution</i> , 2012 , 167, 138-47	9.3	76
123	Correlations and adsorption mechanisms of aromatic compounds on a high heat temperature treated bamboo biochar. <i>Environmental Pollution</i> , 2016 , 210, 57-64	9.3	73
122	Different stabilities of multiwalled carbon nanotubes in fresh surface water samples. <i>Environmental Pollution</i> , 2010 , 158, 1270-4	9.3	68
121	Sonication-assisted dispersion of carbon nanotubes in aqueous solutions of the anionic surfactant SDBS: The role of sonication energy. <i>Science Bulletin</i> , 2013 , 58, 2082-2090		63
120	Effect of natural and synthetic surface coatings on the toxicity of multiwalled carbon nanotubes toward green algae. <i>Carbon</i> , 2015 , 83, 198-207	10.4	61
119	Correlations and adsorption mechanisms of aromatic compounds on biochars produced from various biomass at 700°C. <i>Environmental Pollution</i> , 2018 , 233, 64-70	9.3	58
118	The role of exopolymeric substances in the bioaccumulation and toxicity of Ag nanoparticles to algae. <i>Scientific Reports</i> , 2016 , 6, 32998	4.9	58
117	Metal impurities dominate the sorption of a commercially available carbon nanotube for Pb(II) from water. <i>Environmental Science & Technology</i> , 2010 , 44, 8144-9	10.3	58
116	Characterization and phenanthrene sorption of tea leaf powders. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 5718-24	5.7	57
115	Effect and mechanism of TiO ₂ nanoparticles on the photosynthesis of <i>Chlorella pyrenoidosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 161, 497-506	7	56

114	Adsorption and correlations of selected aromatic compounds on a KOH-activated carbon with large surface area. <i>Science of the Total Environment</i> , 2018 , 618, 1677-1684	10.2	52
113	Effect of humic acids on physicochemical property and Cd(II) sorption of multiwalled carbon nanotubes. <i>Chemosphere</i> , 2012 , 89, 1316-22	8.4	48
112	The relationship between humic acid (HA) adsorption on and stabilizing multiwalled carbon nanotubes (MWNTs) in water: effects of HA, MWNT and solution properties. <i>Journal of Hazardous Materials</i> , 2012 , 241-242, 404-10	12.8	48
111	Immune toxicity of TiO ₂ under hypoxia in the green-lipped mussel <i>Perna viridis</i> based on flow cytometric analysis of hemocyte parameters. <i>Science of the Total Environment</i> , 2014 , 470-471, 791-9	10.2	47
110	Transport of surfactant-facilitated multiwalled carbon nanotube suspensions in columns packed with sized soil particles. <i>Environmental Pollution</i> , 2014 , 192, 36-43	9.3	45
109	Hemocyte responses of the thick shell mussel <i>Mytilus coruscus</i> exposed to nano-TiO and seawater acidification. <i>Aquatic Toxicology</i> , 2016 , 180, 1-10	5.1	44
108	Influence of Ti ₃ C ₂ T _x (MXene) intercalation pseudocapacitance on electrochemical performance of Co-MOF binder-free electrode. <i>Ceramics International</i> , 2018 , 44, 14425-14431	5.1	43
107	Correlation and prediction of adsorption capacity and affinity of aromatic compounds on carbon nanotubes. <i>Water Research</i> , 2016 , 88, 492-501	12.5	41
106	Removal of chlorinated organic solvents from hydraulic fracturing wastewater by bare and entrapped nanoscale zero-valent iron. <i>Chemosphere</i> , 2018 , 196, 9-17	8.4	40
105	Oxidative stress induced by titanium dioxide nanoparticles increases under seawater acidification in the thick shell mussel <i>Mytilus coruscus</i> . <i>Marine Environmental Research</i> , 2018 , 137, 49-59	3.3	38
104	The effects of surfactants and solution chemistry on the transport of multiwalled carbon nanotubes in quartz sand-packed columns. <i>Environmental Pollution</i> , 2013 , 182, 269-77	9.3	38
103	Physicochemical transformation and algal toxicity of engineered nanoparticles in surface water samples. <i>Environmental Pollution</i> , 2016 , 211, 132-40	9.3	37
102	A new strategy using nanoscale zero-valent iron to simultaneously promote remediation and safe crop production in contaminated soil. <i>Nature Nanotechnology</i> , 2021 , 16, 197-205	28.7	37
101	Transport of TiO ₂ nanoparticles in soil in the presence of surfactants. <i>Science of the Total Environment</i> , 2015 , 527-528, 420-8	10.2	36
100	Condition optimization for exfoliation of two dimensional titanium carbide (TiCT). <i>Nanotechnology</i> , 2018 , 29, 095605	3.4	35
99	Cotransport of multi-walled carbon nanotubes and titanium dioxide nanoparticles in saturated porous media. <i>Environmental Pollution</i> , 2014 , 195, 31-8	9.3	35
98	Sorption of Cu(2+) on humic acids sequentially extracted from a sediment. <i>Chemosphere</i> , 2015 , 138, 657-63	6.2	34
97	Nanoparticle TiO size and rutile content impact bioconcentration and biomagnification from algae to daphnia. <i>Environmental Pollution</i> , 2019 , 247, 421-430	9.3	33

96	The kinetic and thermodynamic sorption and stabilization of multiwalled carbon nanotubes in natural organic matter surrogate solutions: the effect of surrogate molecular weight. <i>Environmental Pollution</i> , 2014 , 186, 43-9	9.3	31
95	Enhanced sorption of naphthalene and p-nitrophenol by nano-SiO ₂ modified with a cationic surfactant. <i>Water Research</i> , 2013 , 47, 4006-12	12.5	31
94	Distinct toxicity of silver nanoparticles and silver nitrate to <i>Daphnia magna</i> in M4 medium and surface water. <i>Science of the Total Environment</i> , 2018 , 618, 838-846	10.2	30
93	Coagulation removal of humic acid-stabilized carbon nanotubes from water by PACl: influences of hydraulic condition and water chemistry. <i>Science of the Total Environment</i> , 2012 , 439, 123-8	10.2	30
92	Potential environmental risks of nanopesticides: Application of Cu(OH) nanopesticides to soil mitigates the degradation of neonicotinoid thiacloprid. <i>Environment International</i> , 2019 , 129, 42-50	12.9	29
91	Distinguishable co-transport mechanisms of phenanthrene and oxytetracycline with oxidized-multiwalled carbon nanotubes through saturated soil and sediment columns: vehicle and competition effects. <i>Water Research</i> , 2017 , 108, 271-279	12.5	29
90	Co-transport of Pb(2+) and TiO ₂ nanoparticles in repacked homogeneous soil columns under saturation condition: Effect of ionic strength and fulvic acid. <i>Science of the Total Environment</i> , 2016 , 571, 471-8	10.2	29
89	Distinct effects of soluble and bound exopolymeric substances on algal bioaccumulation and toxicity of anatase and rutile TiO ₂ nanoparticles. <i>Environmental Science: Nano</i> , 2018 , 5, 720-729	7.1	28
88	Cellular response of <i>Chlorella pyrenoidosa</i> to oxidized multi-walled carbon nanotubes. <i>Environmental Science: Nano</i> , 2018 , 5, 2415-2425	7.1	28
87	Integration of transcriptomics and metabolomics reveals the responses of earthworms to the long-term exposure of TiO nanoparticles in soil. <i>Science of the Total Environment</i> , 2020 , 719, 137492	10.2	26
86	The effect of natural organic matter on bioaccumulation and toxicity of chlorobenzenes to green algae. <i>Journal of Hazardous Materials</i> , 2016 , 311, 186-93	12.8	26
85	The effect of water chemistry on homoaggregations of various nanoparticles: specific role of Cl ⁻ ions. <i>Journal of Colloid and Interface Science</i> , 2015 , 450, 272-278	9.3	25
84	Achieving high bactericidal and antibiofouling activities of 2D titanium carbide (Ti ₃ C ₂ T _x) by delamination and intercalation. <i>2D Materials</i> , 2019 , 6, 035040	5.9	24
83	Distinct toxic interactions of TiO nanoparticles with four coexisting organochlorine contaminants on algae. <i>Nanotoxicology</i> , 2017 , 11, 1115-1126	5.3	24
82	In situ growth of TiO nanoparticles on nitrogen-doped TiC with isopropyl amine toward enhanced photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2021 , 402, 124066	12.8	24
81	CO ₂ -induced pH reduction increases physiological toxicity of nano-TiO in the mussel <i>Mytilus coruscus</i> . <i>Scientific Reports</i> , 2017 , 7, 40015	4.9	22
80	Environmentally Relevant Concentrations of the Flame Retardant Tris(1,3-dichloro-2-propyl) Phosphate Inhibit the Growth and Reproduction of Earthworms in Soil. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 277-282	11	22
79	Nanopesticides: A Comprehensive Assessment of Environmental Risk Is Needed before Widespread Agricultural Application. <i>Environmental Science & Technology</i> , 2019 , 53, 7923-7924	10.3	22

78	Removal of dispersant-stabilized carbon nanotubes by regular coagulants. <i>Journal of Environmental Sciences</i> , 2012 , 24, 1364-70	6.4	22
77	Dispersibility and Photochemical Stability of Delaminated MXene Flakes in Water. <i>Small</i> , 2020 , 16, e2002433	2.33	21
76	Prediction of the sorption capacities and affinities of organic chemicals by XAD-7. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 1060-70	5.1	19
75	The pH and concentration dependent interfacial interaction and heteroaggregation between nanoparticulate zero-valent iron and clay mineral particles. <i>Environmental Science: Nano</i> , 2019 , 6, 2129-2140	7.40	19
74	Construction and visible-light-photocatalysis of a novel ternary heterostructure BiOI/(001)TiO/TiC. <i>Nanotechnology</i> , 2020 , 31, 345603	3.4	18
73	Influence of functional groups on desorption of organic compounds from carbon nanotubes into water: insight into desorption hysteresis. <i>Environmental Science & Technology</i> , 2013 , 47, 8373-82	10.3	17
72	Assessing the Impacts of Cu(OH) Nanopesticide and Ionic Copper on the Soil Enzyme Activity and Bacterial Community. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 3372-3381	5.7	16
71	Release and stability of water dispersible biochar colloids in aquatic environments: Effects of pyrolysis temperature, particle size, and solution chemistry. <i>Environmental Pollution</i> , 2020 , 260, 114037	9.3	16
70	Adsorption of extracellular polymeric substances from two microbes by TiO nanoparticles. <i>Science of the Total Environment</i> , 2019 , 694, 133778	10.2	16
69	Aqueous stabilization of carbon nanotubes: effects of surface oxidization and solution chemistry. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4358-65	5.1	16
68	Multigenerational exposure to TiO nanoparticles in soil stimulates stress resistance and longevity of survived <i>C. elegans</i> via activating insulin/IGF-like signaling. <i>Environmental Pollution</i> , 2020 , 263, 114376	9.3	15
67	Adsorption of organic contaminants on biochar colloids: effects of pyrolysis temperature and particle size. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 18412-18422	5.1	15
66	Are engineered nanomaterials superior adsorbents for removal and pre-concentration of heavy metal cations from water?. <i>RSC Advances</i> , 2014 , 4, 46122-46125	3.7	14
65	Antagonistic toxicity of carbon nanotubes and pentachlorophenol to <i>Escherichia coli</i> : Physiological and transcriptional responses. <i>Carbon</i> , 2019 , 145, 658-667	10.4	13
64	Dispersion and stability of multi-walled carbon nanotubes in water as affected by humic acids. <i>Journal of Molecular Liquids</i> , 2019 , 279, 361-369	6	13
63	Octanol-water partition coefficient (logK) dependent movement and time lagging of polycyclic aromatic hydrocarbons (PAHs) from emission sources to lake sediments: A case study of Taihu Lake, China. <i>Environmental Pollution</i> , 2021 , 288, 117709	9.3	13
62	Endogenous release of metals with dissolved organic carbon from biochar: Effects of pyrolysis temperature, particle size, and solution chemistry. <i>Environmental Pollution</i> , 2019 , 255, 113253	9.3	12
61	The effect of oxidation on physicochemical properties and aqueous stabilization of multiwalled carbon nanotubes: comparison of multiple analysis methods. <i>Science China Chemistry</i> , 2016 , 59, 1498-1507	7.9	12

60	Environmentally relevant concentrations of the flame retardant tris(1,3-dichloro-2-propyl) phosphate change morphology of female zebrafish. <i>Chemosphere</i> , 2018 , 212, 358-364	8.4	12
59	Joint Nanotoxicology Assessment Provides a New Strategy for Developing Nanoenabled Bioremediation Technologies. <i>Environmental Science & Technology</i> , 2019 , 53, 7927-7929	10.3	12
58	Nanoparticulate zero valent iron interaction with dissolved organic matter impacts iron transformation and organic carbon stability. <i>Environmental Science: Nano</i> , 2020 , 7, 1818-1830	7.1	11
57	Multi-omics analyses reveal molecular mechanisms for the antagonistic toxicity of carbon nanotubes and ciprofloxacin to <i>Escherichia coli</i> . <i>Science of the Total Environment</i> , 2020 , 726, 138288	10.2	11
56	Photocatalytic and bactericidal properties of MXene-derived graphitic carbon-supported TiO ₂ nanoparticles. <i>Applied Surface Science</i> , 2021 , 538, 148083	6.7	11
55	Oxytetracycline increases the mobility of carbon nanotubes in porous media. <i>Science of the Total Environment</i> , 2018 , 628-629, 1130-1138	10.2	10
54	Environmental behavior and toxicity of engineered nanomaterials. <i>Chinese Science Bulletin</i> , 2009 , 54, 3590-3604	2.9	10
53	Removal of trichloroethene by iron-based biochar from anaerobic water: Key roles of Fe/C ratio and iron carbides. <i>Chemical Engineering Journal</i> , 2021 , 413, 127391	14.7	10
52	Combined toxic effects of dioxin-like PCB77 with Fe-based nanoparticles in earthworm <i>Eisenia fetida</i> . <i>Science of the Total Environment</i> , 2021 , 766, 144347	10.2	9
51	Transformation and implication of nanoparticulate zero valent iron in soils. <i>Journal of Hazardous Materials</i> , 2021 , 412, 125207	12.8	9
50	Co-transport of biochar colloids with organic contaminants in soil column. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 1574-1586	5.1	9
49	New insight into the aggregation of graphene oxide in synthetic surface water: Carbonate nanoparticle formation on graphene oxide. <i>Environmental Pollution</i> , 2019 , 250, 366-374	9.3	8
48	Sorption of lead from aqueous solutions by tea wastes. <i>Journal of Environmental Quality</i> , 2009 , 38, 2260-54	5.4	8
47	Iron-crosslinked alginate derived Fe/C composites for atrazine removal from water. <i>Science of the Total Environment</i> , 2021 , 756, 143866	10.2	8
46	Identification and Speciation of Nanoscale Silver in Complex Solid Matrices by Sequential Extraction Coupled with Inductively Coupled Plasma Optical Emission Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 1962-1968	7.8	8
45	Effect of Clay Minerals on Transport of Surfactants Dispersed Multi-walled Carbon Nanotubes in Porous Media. <i>Acta Geologica Sinica</i> , 2017 , 91, 135-144	0.7	7
44	Linear and nonlinear partition of nonionic organic compounds into resin ADS-21 from water. <i>Environmental Pollution</i> , 2019 , 247, 277-284	9.3	7
43	Insights into the regulation mechanisms of algal extracellular polymeric substances secretion upon the exposures to anatase and rutile TiO ₂ nanoparticles. <i>Environmental Pollution</i> , 2020 , 263, 114608	9.3	7

42	Correlations and nonlinear partition of nonionic organic compounds by humus-like substances humificated from rice straw. <i>Scientific Reports</i> , 2019 , 9, 15131	4.9	7
41	A superhydrophobic and porous polymer adsorbent with large surface area. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 254-258	13	7
40	Biochar effectively inhibits the horizontal transfer of antibiotic resistance genes via transformation. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127150	12.8	7
39	Reciprocal interference of clay minerals and nanoparticulate zero-valent iron on their interfacial interaction with dissolved organic matter. <i>Science of the Total Environment</i> , 2020 , 739, 140372	10.2	6
38	A durable superhydrophobic porous polymer coated sponge for efficient separation of immiscible oil/water mixtures and oil-in-water emulsions. <i>Journal of Hazardous Materials</i> , 2021 , 425, 127980	12.8	6
37	Interactions of extracellular DNA with aromatized biochar and protection against degradation by DNase I. <i>Journal of Environmental Sciences</i> , 2021 , 101, 205-216	6.4	6
36	A multi-method analysis of the interaction between humic acids and heavy metal ions. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018 , 53, 740-751	2.3	5
35	Toxic effects of nano-TiO in bivalves-A synthesis of meta-analysis and bibliometric analysis. <i>Journal of Environmental Sciences</i> , 2021 , 104, 188-203	6.4	5
34	Synergistic growth inhibition effect of TiO nanoparticles and tris(1,3-dichloro-2-propyl) phosphate on earthworms in soil. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111462	7	5
33	Selective removal of phenanthrene from SDBS or TX100 solution by sorption of resin SP850. <i>Chemical Engineering Journal</i> , 2020 , 388, 124191	14.7	4
32	Release and sedimentation behaviors of biochar colloids in soil solutions. <i>Journal of Environmental Sciences</i> , 2021 , 100, 269-278	6.4	4
31	Synergistic remediation of PCB-contaminated soil with nanoparticulate zero-valent iron and alfalfa: targeted changes in the root metabolite-dependent microbial community. <i>Environmental Science: Nano</i> , 2021 , 8, 986-999	7.1	4
30	Nonlinear sorption of phenols and anilines by organobentonites: Nonlinear partition and space limitation for partitioning. <i>Science of the Total Environment</i> , 2020 , 736, 139609	10.2	3
29	In situ fabrication of Bi ₂ O ₃ /C ₃ N ₄ /TiO ₂ @C photocatalysts for visible-light photodegradation of sulfamethoxazole in water. <i>Applied Surface Science</i> , 2022 , 580, 152302	6.7	3
28	Binding Force and Site-Determined Desorption and Fragmentation of Antibiotic Resistance Genes from Metallic Nanomaterials. <i>Environmental Science & Technology</i> , 2021 , 55, 9305-9316	10.3	3
27	Nano-Zoo Interfacial Interaction as a Design Principle for Hybrid Soil Remediation Technology. <i>ACS Nano</i> , 2021 , 15, 14954-14964	16.7	3
26	The effect of water hardness on the toxicity of graphene oxide to bacteria in synthetic surface waters. <i>Aquatic Toxicology</i> , 2019 , 216, 105323	5.1	2
25	Fe-based nanomaterial transformation to amorphous Fe: Enhanced alfalfa rhizoremediation of PCBs-contaminated soil. <i>Journal of Hazardous Materials</i> , 2021 , 425, 127973	12.8	2

24	Influence of extracellular polymeric substance on the interaction between titanium dioxide nanoparticles and <i>Chlorella pyrenoidosa</i> cells. <i>Science of the Total Environment</i> , 2021 , 778, 146446	10.2	2
23	Pentachlorophenol and ciprofloxacin present dissimilar joint toxicities with carbon nanotubes to <i>Bacillus subtilis</i> . <i>Environmental Pollution</i> , 2021 , 270, 116071	9.3	2
22	Separation and Analysis of Nanoscale Zero-Valent Iron from Soil. <i>Analytical Chemistry</i> , 2021 , 93, 10187-10195	10.195	2
21	Time-dependent desorption of anilines, phenols, and nitrobenzenes from biochar produced at 700°C: Insight into desorption hysteresis. <i>Chemical Engineering Journal</i> , 2021 , 422, 130584	14.7	2
20	Iron-carbon material enhanced electrokinetic remediation of PCBs-contaminated soil. <i>Environmental Pollution</i> , 2021 , 290, 118100	9.3	2
19	Current and Future Trends of Low and High Molecular Weight Polycyclic Aromatic Hydrocarbons in Surface Water and Sediments of China: Insights from Their Long-Term Relationships between Concentrations and Emissions.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	2
18	Enhancement of <i>E. coli</i> inactivation by photosensitized erythrosine-based solar disinfection under weakly acidic conditions.. <i>Water Research</i> , 2022 , 212, 118125	12.5	1
17	Multidimensional bioresponses in nematodes contribute to the antagonistic toxic interaction between pentachlorophenol and TiO nanoparticles in soil. <i>Journal of Hazardous Materials</i> , 2021 , 127587	12.8	1
16	Sonication-assisted dispersion of carbon nanotubes in aqueous solutions of the anionic surfactant SDBS: The role of sonication energy 2013 , 58, 2082		1
15	Isotherm nonlinearity and nonlinear partitioning of organic compounds into resin XAD-7: Insight from displacement experiments. <i>Environmental Pollution</i> , 2020 , 267, 115563	9.3	1
14	Environmental Behaviors and Biological Effects of Engineered Nanomaterials: Important Roles of Interfacial Interactions and Dissolved Organic Matter. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 232-242	4.9	1
13	Mesoporous silica size, charge, and hydrophobicity affect the loading and releasing performance of lambda-cyhalothrin.. <i>Science of the Total Environment</i> , 2022 , 831, 154914	10.2	1
12	Biological responses of <i>Eisenia fetida</i> towards the exposure and metabolism of tris (2-butoxyethyl) phosphate.. <i>Science of the Total Environment</i> , 2021 , 811, 152285	10.2	0
11	Selective sorption of PAHs from TX100 solution by resin SP850: effects of TX100 concentrations and PAHs solubility.. <i>RSC Advances</i> , 2021 , 11, 13530-13536	3.7	0
10	Sorption mechanism of naphthalene by diesel soot: Insight from displacement with phenanthrene/p-nitrophenol. <i>Journal of Environmental Sciences</i> , 2021 , 106, 136-146	6.4	0
9	Application of FeO nanoparticles in controlling antibiotic resistance gene transport and interception in porous media.. <i>Science of the Total Environment</i> , 2022 , 155271	10.2	0
8	Nano-bio interfacial interactions determined the contact toxicity of nTiO to nematodes in various soils.. <i>Science of the Total Environment</i> , 2022 , 155456	10.2	0
7	Adsorption of soil organic matter by gel-like ferrihydrite and dense ferrihydrite.. <i>Science of the Total Environment</i> , 2022 , 155507	10.2	0

6	Adsorption of fulvic acid on mesopore-rich activated carbon with high surface area.. <i>Science of the Total Environment</i> , 2022 , 155918	10.2	0
5	A comparative study of methods for remediation of diesel-contaminated soil. <i>Journal of Zhejiang University: Science A</i> , 2021 , 22, 792-804	2.1	
4	An improved method to predict polycyclic aromatic hydrocarbons in surface freshwater by reducing the input parameters. <i>Science of the Total Environment</i> , 2021 , 816, 151597	10.2	
3	Sorption of Heavy Metals by Engineered Nanomaterials 2016 , 182-204		
2	Nonlinear partition of nonionic organic compounds into humus-like substance humificated from lignin. <i>Science of the Total Environment</i> , 2021 , 764, 142887	10.2	
1	Predicting the total PAHs concentrations in sediments from selected congeners using a multiple linear relationship.. <i>Scientific Reports</i> , 2022 , 12, 3334	4.9	