

Bo Pan

List of Publications by Year in Descending Order

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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.

179
papers

7,138
citations

44
h-index

80
g-index

188
ext. papers

8,555
ext. citations

8.6
avg, IF

6.38
L-index

#	Paper	IF	Citations
179	Nanoparticles in soil 2022 ,		
178	Inherent Minerals Facilitated Bisphenol A Sorption by Biochar: A Key Force by Complexation. <i>ACS ES&T Water</i> , 2022 , 2, 184-194		0
177	Heterogeneous compositions of oxygen-containing functional groups on biochars and their different roles in rhodamine B degradation.. <i>Chemosphere</i> , 2022 , 292, 133518	8.4	0
176	Persulfate adsorption and activation by carbon structure defects provided new insights into ofloxacin degradation by biochar. <i>Science of the Total Environment</i> , 2022 , 806, 150968	10.2	5
175	The molecular markers provide complementary information for biochar characterization before and after HNO/HSO oxidation.. <i>Chemosphere</i> , 2022 , 134422	8.4	
174	Molecular clusters played an important role in the adsorption of polycyclic aromatic hydrocarbons (PAHs) on carbonaceous materials.. <i>Chemosphere</i> , 2022 , 302, 134772	8.4	0
173	The role of mineral compositions in biochar stability and reactivity 2022 , 165-180		
172	Direct toxicity of environmentally persistent free radicals to nematode <i>Caenorhabditis elegans</i> after excluding the concomitant chemicals. <i>Science of the Total Environment</i> , 2022 , 156226	10.2	0
171	Associations between hair levels of trace elements and the risk of preterm birth among pregnant Wwomen: A prospective nested case-control study in Beijing Birth Cohort (BBC), China. <i>Environment International</i> , 2021 , 158, 106965	12.9	2
170	Spatially explicit analysis identifies significant potential for bioenergy with carbon capture and storage in China. <i>Nature Communications</i> , 2021 , 12, 3159	17.4	14
169	New insights into the different adsorption kinetics of gallic acid and tannic acid on minerals via H NMR relaxation of bound water. <i>Science of the Total Environment</i> , 2021 , 767, 144447	10.2	2
168	An integrated study on the pyrolysis mechanism of peanut shell based on the kinetic analysis and solid/gas characterization. <i>Bioresource Technology</i> , 2021 , 329, 124860	11	14
167	Emission factors of environmentally persistent free radicals in PM from rural residential solid fuels combusted in a traditional stove. <i>Science of the Total Environment</i> , 2021 , 773, 145151	10.2	4
166	CuO and TiO particles generated more stable and stronger EPFRs in dark than under UV-irradiation. <i>Science of the Total Environment</i> , 2021 , 775, 145555	10.2	2
165	Reduction of silver ions to silver nanoparticles by biomass and biochar: Mechanisms and critical factors. <i>Science of the Total Environment</i> , 2021 , 779, 146326	10.2	5
164	Mass Absorption Efficiency of Black Carbon from Residential Solid Fuel Combustion and Its Association with Carbonaceous Fractions. <i>Environmental Science & Technology</i> , 2021 , 55, 10662-10671	10.3	3
163	The contrasting role of minerals in biochars in bisphenol A and sulfamethoxazole sorption. <i>Chemosphere</i> , 2021 , 264, 128490	8.4	11

162	A microbial electrochemical hybrid system for simultaneous sludge treatment, acid production, and desalination. <i>Science of the Total Environment</i> , 2021 , 760, 144153	10.2	2
161	Potential interference on the lipid metabolisms by serum copper in a women population: A repeated measurement study. <i>Science of the Total Environment</i> , 2021 , 760, 143375	10.2	8
160	The exposed hematite surface and the generation of environmentally persistent free radicals during catechol degradation. <i>Environmental Sciences: Processes and Impacts</i> , 2021 , 23, 109-116	4.3	
159	Application of low dosage of copper oxide and zinc oxide nanoparticles boosts bacterial and fungal communities in soil. <i>Science of the Total Environment</i> , 2021 , 757, 143807	10.2	6
158	Key roles of electron cloud density and configuration in the adsorption of sulfonamide antibiotics on carbonaceous materials: Molecular dynamics and quantum chemical investigations. <i>Applied Surface Science</i> , 2021 , 536, 147757	6.7	15
157	Role of NOM-hematite nanoparticle complexes and organic and inorganic cations in the coherence of silica and clay particles: evaluation based on nanoscale forces and molecular self-assembly. <i>Environmental Science: Nano</i> , 2021 , 8, 822-836	7.1	1
156	Engineered biochar: A sustainable solution for the removal of antibiotics from water. <i>Chemical Engineering Journal</i> , 2021 , 405, 126926	14.7	75
155	Dual roles of biochar redox property in mediating 2,4-dichlorophenol degradation in the presence of Fe and persulfate. <i>Chemosphere</i> , 2021 , 279, 130456	8.4	1
154	Environmental persistent free radicals in diesel engine exhaust particles at different altitudes and engine speeds. <i>Science of the Total Environment</i> , 2021 , 796, 148963	10.2	1
153	The conductivity and redox properties of pyrolyzed carbon mediate methanogenesis in paddy soils with ethanol as substrate. <i>Science of the Total Environment</i> , 2021 , 795, 148906	10.2	4
152	Associations between endocrine-disrupting heavy metals in maternal hair and gestational diabetes mellitus: A nested case-control study in China. <i>Environment International</i> , 2021 , 157, 106770	12.9	8
151	Phenol-rich fulvic acid as a water additive enhances growth, reduces stress, and stimulates the immune system of fish in aquaculture. <i>Scientific Reports</i> , 2021 , 11, 174	4.9	8
150	Photo-aging of polyvinyl chloride microplastic in the presence of natural organic acids. <i>Water Research</i> , 2020 , 183, 116082	12.5	49
149	The mechanisms and environmental implications of engineered nanoparticles dispersion. <i>Science of the Total Environment</i> , 2020 , 722, 137781	10.2	8
148	P-nitrophenol degradation by pine-wood derived biochar: The role of redox-active moieties and pore structures. <i>Science of the Total Environment</i> , 2020 , 741, 140431	10.2	16
147	Coupling adsorption and degradation in p-nitrophenol removal by biochars. <i>Journal of Cleaner Production</i> , 2020 , 271, 122550	10.3	26
146	External interference from ambient air pollution on using hair metal(loid)s for biomarker-based exposure assessment. <i>Environment International</i> , 2020 , 137, 105584	12.9	6
145	Organo-mineral complexes protect condensed organic matter as revealed by benzene-polycarboxylic acids. <i>Environmental Pollution</i> , 2020 , 260, 113977	9.3	6

144	Using sewage sludge with high ash content for biochar production and Cu(II) sorption. <i>Science of the Total Environment</i> , 2020 , 713, 136663	10.2	31
143	Carbon dioxide as a carrier gas and mixed feedstock pyrolysis decreased toxicity of sewage sludge biochar. <i>Science of the Total Environment</i> , 2020 , 723, 137796	10.2	21
142	Mediation of rhodamine B photodegradation by biochar. <i>Chemosphere</i> , 2020 , 256, 127082	8.4	18
141	Suspended state heteroaggregation kinetics of kaolinite and fullerene (nC) in the presence of tannic acid: Effect of π -Interactions. <i>Science of the Total Environment</i> , 2020 , 713, 136559	10.2	5
140	The promoted dissolution of copper oxide nanoparticles by dissolved humic acid: Copper complexation over particle dispersion. <i>Chemosphere</i> , 2020 , 245, 125612	8.4	9
139	Components and Persistent Free Radicals in the Volatiles during Pyrolysis of Lignocellulose Biomass. <i>Environmental Science & Technology</i> , 2020 , 54, 13274-13281	10.3	11
138	Can the properties of engineered nanoparticles be indicative of their functions and effects in plants?. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111128	7	15
137	Reaction of Substituted Phenols with Lignin Char: Dual Oxidative and Reductive Pathways Depending on Substituents and Conditions. <i>Environmental Science & Technology</i> , 2020 , 54, 15811-15820	10.3	8
136	Anaerobic Dehalogenation by Reduced Aqueous Biochars. <i>Environmental Science & Technology</i> , 2020 , 54, 15142-15150	10.3	5
135	Decisive role of adsorption affinity in antibiotic adsorption on a positively charged MnFeO@CAC hybrid. <i>Science of the Total Environment</i> , 2020 , 745, 141019	10.2	8
134	Formation of persistent free radicals in biochar derived from rice straw based on a detailed analysis of pyrolysis kinetics. <i>Science of the Total Environment</i> , 2020 , 715, 136575	10.2	23
133	An electron-scale comparative study on the adsorption of six divalent heavy metal cations on MnFe ₂ O ₄ @CAC hybrid: Experimental and DFT investigations. <i>Chemical Engineering Journal</i> , 2020 , 381, 122656	14.7	35
132	Sustainable aquaculture requires environmental-friendly treatment strategies for fish diseases. <i>Reviews in Aquaculture</i> , 2020 , 12, 943-965	8.9	71
131	Sorption of sulfamethoxazole on biochars of varying mineral content. <i>Environmental Sciences: Processes and Impacts</i> , 2020 , 22, 1287-1294	4.3	2
130	Tannic acid- and cation-mediated interfacial self-assembly and epitaxial growth of fullerene (nC) and kaolinite binary graphitic aggregates. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 717-725	9.3	2
129	Process regulation of microwave intensified synthesis of Y-type zeolite. <i>Microporous and Mesoporous Materials</i> , 2019 , 284, 476-485	5.3	20
128	The relative importance of different carbon structures in biochars to carbamazepine and bisphenol A sorption. <i>Journal of Hazardous Materials</i> , 2019 , 373, 106-114	12.8	28
127	New insights on the understanding of the high adsorption of bisphenol compounds on reduced graphene oxide at high pH values via charge assisted hydrogen bond. <i>Journal of Hazardous Materials</i> , 2019 , 371, 513-520	12.8	17

126	Combining bulk characterization and benzene polycarboxylic acid molecular markers to describe biochar properties. <i>Chemosphere</i> , 2019 , 227, 381-388	8.4	5
125	Heating methods generate different amounts of persistent free radicals from unsaturated fatty acids. <i>Science of the Total Environment</i> , 2019 , 672, 16-22	10.2	2
124	Environmentally persistent free radicals: Occurrence, formation mechanisms and implications. <i>Environmental Pollution</i> , 2019 , 248, 320-331	9.3	51
123	Organic matter protection by kaolinite over bio-decomposition as suggested by lignin and solvent-extractable lipid molecular markers. <i>Science of the Total Environment</i> , 2019 , 647, 570-576	10.2	4
122	Spontaneous changes in dissolved organic matter affect the bio-removal of steroid estrogens. <i>Science of the Total Environment</i> , 2019 , 689, 616-624	10.2	4
121	A Comparative Study on the Formation of Environmentally Persistent Free Radicals (EPFRs) on Hematite and Goethite: Contribution of Various Catechol Degradation Byproducts. <i>Environmental Science & Technology</i> , 2019 , 53, 13713-13719	10.3	24
120	Environmental behavior of engineered biochars and their aging processes in soil. <i>Biochar</i> , 2019 , 1, 339-351	10.3	21
119	Adsorption of bisphenol A on dispersed carbon nanotubes: Role of different dispersing agents. <i>Science of the Total Environment</i> , 2019 , 655, 807-813	10.2	16
118	Benzene polycarboxylic acid - A useful marker for condensed organic matter, but not for only pyrogenic black carbon. <i>Science of the Total Environment</i> , 2018 , 626, 660-667	10.2	19
117	Homo-Conjugation of Low Molecular Weight Organic Acids Competes with Their Complexation with Cu(II). <i>Environmental Science & Technology</i> , 2018 , 52, 5173-5181	10.3	12
116	Wrinkle-induced high sorption makes few-layered black phosphorus a superior adsorbent for ionic organic compounds. <i>Environmental Science: Nano</i> , 2018 , 5, 1454-1465	7.1	20
115	The Overlooked Occurrence of Environmentally Persistent Free Radicals in an Area with Low-Rank Coal Burning, Xuanwei, China. <i>Environmental Science & Technology</i> , 2018 , 52, 1054-1061	10.3	43
114	Transfer of polycyclic aromatic hydrocarbons from mother to fetus in relation to pregnancy complications. <i>Science of the Total Environment</i> , 2018 , 636, 61-68	10.2	18
113	Kinetics study of microwave enhanced reactions between diasporic bauxite and alkali solution. <i>Journal of Alloys and Compounds</i> , 2018 , 749, 652-663	5.7	11
112	Fertilizer application in rural cropland drives cadmium enrichment in bats dwelling in an urban area. <i>Environmental Pollution</i> , 2018 , 242, 970-975	9.3	1
111	Phosphoric acid pretreatment enhances the specific surface areas of biochars by generation of micropores. <i>Environmental Pollution</i> , 2018 , 240, 1-9	9.3	90
110	Formation and Physicochemical Characteristics of Nano Biochar: Insight into Chemical and Colloidal Stability. <i>Environmental Science & Technology</i> , 2018 , 52, 10369-10379	10.3	91
109	Overlooked Risks of Biochars: Persistent Free Radicals trigger Neurotoxicity in <i>Caenorhabditis elegans</i> . <i>Environmental Science & Technology</i> , 2018 , 52, 7981-7987	10.3	40

108	Acid pretreatment increased lipid biomarker extractability: a case study to reveal soil organic matter input from rubber trees after long-term cultivation. <i>European Journal of Soil Science</i> , 2018 , 69, 315-324	3.4	6
107	pH-dependent K provides new insights in understanding the adsorption mechanism of ionizable organic chemicals on carbonaceous materials. <i>Science of the Total Environment</i> , 2018 , 618, 269-275	10.2	14
106	Negative Impacts of Biochars on Urease Activity: High pH, Heavy Metals, Polycyclic Aromatic Hydrocarbons, or Free Radicals?. <i>Environmental Science & Technology</i> , 2018 , 52, 12740-12747	10.3	52
105	Protection of extractable lipid and lignin: Differences in undisturbed and cultivated soils detected by molecular markers. <i>Chemosphere</i> , 2018 , 213, 314-322	8.4	4
104	Molecular markers of benzene polycarboxylic acids in describing biochar physiochemical properties and sorption characteristics. <i>Environmental Pollution</i> , 2018 , 237, 541-548	9.3	17
103	New insights provided by solvent relaxation NMR-measured surface area in liquids to explain phenolics sorption on silica nanoparticles. <i>Environmental Science: Nano</i> , 2017 , 4, 577-584	7.1	9
102	Emerging investigator series: dual role of organic matter in the anaerobic degradation of triclosan. <i>Environmental Sciences: Processes and Impacts</i> , 2017 , 19, 499-506	4.3	4
101	Impact of concentration and species of sulfamethoxazole and ofloxacin on their adsorption kinetics on sediments. <i>Chemosphere</i> , 2017 , 175, 123-129	8.4	25
100	Reactive mineral removal relative to soil organic matter heterogeneity and implications for organic contaminant sorption. <i>Environmental Pollution</i> , 2017 , 227, 49-56	9.3	14
99	Physi-chemical and sorption properties of biochars prepared from peanut shell using thermal pyrolysis and microwave irradiation. <i>Environmental Pollution</i> , 2017 , 227, 372-379	9.3	39
98	Identifying structural characteristics of humic acid to static and dynamic fluorescence quenching of phenanthrene, 9-phenanthrol, and naphthalene. <i>Water Research</i> , 2017 , 122, 337-344	12.5	23
97	Toxicity models of metal mixtures established on the basis of Additivity and Interactions. <i>Frontiers of Environmental Science and Engineering</i> , 2017 , 11, 1	5.8	3
96	Limited role of biochars in nitrogen fixation through nitrate adsorption. <i>Science of the Total Environment</i> , 2017 , 592, 758-765	10.2	33
95	The role of ash content on bisphenol A sorption to biochars derived from different agricultural wastes. <i>Chemosphere</i> , 2017 , 171, 66-73	8.4	70
94	Tannic acid promotes ion release of copper oxide nanoparticles: Impacts from solution pH change and complexation reactions. <i>Water Research</i> , 2017 , 127, 59-67	12.5	17
93	Co-contaminant effects on ofloxacin adsorption onto activated carbon, graphite, and humic acid. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 23834-23842	5.1	9
92	Effects of adding biochar on the properties and nitrogen bioavailability of an acidic soil. <i>European Journal of Soil Science</i> , 2017 , 68, 559-572	3.4	34
91	Urban air pollution and health risks of parent and nitrated polycyclic aromatic hydrocarbons in two megacities, southwest China. <i>Atmospheric Environment</i> , 2017 , 166, 441-453	5.3	17

90	Enhanced adsorption of Cu(II) and Cd(II) by phosphoric acid-modified biochars. <i>Environmental Pollution</i> , 2017 , 229, 846-853	9.3	202
89	Cation- π Interaction: A Key Force for Sorption of Fluoroquinolone Antibiotics on Pyrogenic Carbonaceous Materials. <i>Environmental Science & Technology</i> , 2017 , 51, 13659-13667	10.3	44
88	Degradation of p-Nitrophenol by Lignin and Cellulose Chars: HO-Mediated Reaction and Direct Reaction with the Char. <i>Environmental Science & Technology</i> , 2017 , 51, 8972-8980	10.3	80
87	Contribution of hydrophobic effect to the sorption of phenanthrene, 9-phenanthrol and 9, 10-phenanthrenequinone on carbon nanotubes. <i>Chemosphere</i> , 2017 , 168, 739-747	8.4	16
86	Fast and slow adsorption of carbamazepine on biochar as affected by carbon structure and mineral composition. <i>Science of the Total Environment</i> , 2017 , 579, 598-605	10.2	52
85	Colloidal aggregation and structural assembly of aspect ratio variant goethite (α -FeOOH) with nC fullerene in environmental media. <i>Environmental Pollution</i> , 2016 , 219, 1049-1059	9.3	7
84	The concentration and chemical speciation of arsenic in the Nanpan River, the upstream of the Pearl River, China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 6451-8	5.1	7
83	Structural benefits of bisphenol S and its analogs resulting in their high sorption on carbon nanotubes and graphite. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 8976-84	5.1	21
82	Degradation of p-Nitrophenol on Biochars: Role of Persistent Free Radicals. <i>Environmental Science & Technology</i> , 2016 , 50, 694-700	10.3	205
81	Role of Ash Content in Biochar for Copper Immobilization. <i>Environmental Engineering Science</i> , 2016 , 33, 962-969	2	20
80	Catechol degradation on hematite/silica-gas interface as affected by gas composition and the formation of environmentally persistent free radicals. <i>Scientific Reports</i> , 2016 , 6, 24494	4.9	14
79	Adsorption mechanism of different organic chemicals on fluorinated carbon nanotubes. <i>Chemosphere</i> , 2016 , 154, 258-265	8.4	18
78	Adsorption of Organic Compounds by Engineered Nanoparticles 2016 , 160-181		
77	Organic matter source and degradation as revealed by molecular biomarkers in agricultural soils of Yuanyang terrace. <i>Scientific Reports</i> , 2015 , 5, 11074	4.9	8
76	Contribution of coated humic acids calculated through their surface coverage on nano iron oxides for ofloxacin and norfloxacin sorption. <i>Environmental Pollution</i> , 2015 , 204, 191-8	9.3	23
75	Sorption of Cu(2+) on humic acids sequentially extracted from a sediment. <i>Chemosphere</i> , 2015 , 138, 657-63	8.3	34
74	Effect of biochar aging on surface characteristics and adsorption behavior of dialkyl phthalates. <i>Environmental Pollution</i> , 2015 , 206, 502-9	9.3	106
73	Quantifying the dynamic fluorescence quenching of phenanthrene and ofloxacin by dissolved humic acids. <i>Environmental Pollution</i> , 2015 , 196, 379-85	9.3	22

72	Multi-walled carbon nanotube dispersion by the adsorbed humic acids with different chemical structures. <i>Environmental Pollution</i> , 2015 , 196, 292-99	9.3	36
71	Nonideal Interactions Between Organic Contaminants and Dissolved Organic Matter. <i>SSSA Special Publication Series</i> , 2015 , 219-235	0	
70	Enhanced Photoreduction of Nitro-aromatic Compounds by Hydrated Electrons Derived from Indole on Natural Montmorillonite. <i>Environmental Science & Technology</i> , 2015 , 49, 7784-92	10.3	30
69	Formation of environmentally persistent free radicals as the mechanism for reduced catechol degradation on hematite-silica surface under UV irradiation. <i>Environmental Pollution</i> , 2014 , 188, 153-8	9.3	45
68	Ofloxacin sorption in soils after long-term tillage: the contribution of organic and mineral compositions. <i>Science of the Total Environment</i> , 2014 , 497-498, 665-670	10.2	23
67	Organic contaminants and carbon nanoparticles: sorption mechanisms and impact parameters. <i>Journal of Zhejiang University: Science A</i> , 2014 , 15, 606-617	2.1	6
66	Detecting free radicals in biochars and determining their ability to inhibit the germination and growth of corn, wheat and rice seedlings. <i>Environmental Science & Technology</i> , 2014 , 48, 8581-7	10.3	223
65	Sorption affinities of sulfamethoxazole and carbamazepine to two sorbents under co-sorption systems. <i>Environmental Pollution</i> , 2014 , 194, 203-209	9.3	9
64	Co-sorption of ofloxacin and Cu(II) in soils before and after organic matter removal. <i>Science of the Total Environment</i> , 2014 , 481, 209-16	10.2	24
63	Effects of Low-Molecular-Weight Organic Acids on Soil Micropores and Implication for Organic Contaminant Availability. <i>Communications in Soil Science and Plant Analysis</i> , 2014 , 45, 1120-1132	1.5	12
62	Sorption and solubility of ofloxacin and norfloxacin in water-methanol cosolvent. <i>Chemosphere</i> , 2014 , 103, 322-8	8.4	18
61	The sorption of heavy metals on thermally treated sediments with high organic matter content. <i>Bioresource Technology</i> , 2014 , 160, 123-8	11	50
60	Investigating river pollution flowing into Dianchi Lake using a combination of GC-MS analysis and toxicological tests. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014 , 92, 67-70	2.7	4
59	Coadsorption, desorption hysteresis and sorption thermodynamics of sulfamethoxazole and carbamazepine on graphene oxide and graphite. <i>Carbon</i> , 2013 , 65, 243-251	10.4	57
58	The sorption of organic contaminants on biochars derived from sediments with high organic carbon content. <i>Chemosphere</i> , 2013 , 90, 782-8	8.4	66
57	The non-target organism <i>Caenorhabditis elegans</i> withstands the impact of sulfamethoxazole. <i>Chemosphere</i> , 2013 , 93, 2373-80	8.4	24
56	Distribution and speciation of metals (Cu, Zn, Cd, and Pb) in agricultural and non-agricultural soils near a stream upriver from the Pearl River, China. <i>Environmental Pollution</i> , 2013 , 177, 64-70	9.3	86
55	Increased adsorption of sulfamethoxazole on suspended carbon nanotubes by dissolved humic acid. <i>Environmental Science & Technology</i> , 2013 , 47, 7722-8	10.3	77

54	Fluorescence quenching of fulvic acids by fullerene in water. <i>Environmental Pollution</i> , 2013 , 172, 100-7	9.3	14
53	Sorption Comparison between Pharmaceuticals and Hydrophobic Organic Chemicals in Soils and Sediments 2013 , 323-357		2
52	The Sorption of Sulfamethoxazole on Biochars Derived from a Sediment with High Organic Matter Content 2013 , 979-981		
51	Dissolved Organic Matter-Ofloxacin Interaction as Affected by Metal Ions 2013 , 585-589		
50	Adsorption of SMX on CNTs as Affected by Environmental Conditions: Coexisted Organic Chemicals and DOM 2013 , 779-782		
49	Adsorption of Sulfamethoxazole on DOM-Suspended Carbon Nanotubes 2013 , 741-744		
48	Cosorption of organic chemicals with different properties: their shared and different sorption sites. <i>Environmental Pollution</i> , 2012 , 160, 178-84	9.3	38
47	The opposite impacts of Cu and Mg cations on dissolved organic matter-ofloxacin interaction. <i>Environmental Pollution</i> , 2012 , 161, 76-82	9.3	49
46	Quantitative identification of dynamic and static quenching of ofloxacin by dissolved organic matter using temperature-dependent kinetic approach. <i>Environmental Pollution</i> , 2012 , 161, 192-8	9.3	35
45	Physicochemical and sorption properties of thermally-treated sediments with high organic matter content. <i>Bioresource Technology</i> , 2012 , 103, 367-73	11	41
44	Coadsorption of Cu and sulfamethoxazole on hydroxylized and graphitized carbon nanotubes. <i>Science of the Total Environment</i> , 2012 , 427-428, 247-52	10.2	58
43	Adsorption of ofloxacin on carbon nanotubes: solubility, pH and cosolvent effects. <i>Journal of Hazardous Materials</i> , 2012 , 211-212, 342-8	12.8	60
42	Applications and implications of manufactured nanoparticles in soils: a review. <i>European Journal of Soil Science</i> , 2012 , 63, 437-456	3.4	139
41	Sorption kinetics of ofloxacin in soils and mineral particles. <i>Environmental Pollution</i> , 2012 , 171, 185-90	9.3	37
40	Temperature dependence of ofloxacin fluorescence quenching and complexation by Cu(II). <i>Environmental Pollution</i> , 2012 , 171, 168-73	9.3	16
39	Chinese virtual issue. <i>European Journal of Soil Science</i> , 2012 , 63, 773-775	3.4	
38	Adsorption of ofloxacin and norfloxacin on carbon nanotubes: hydrophobicity- and structure-controlled process. <i>Journal of Hazardous Materials</i> , 2012 , 233-234, 89-96	12.8	109
37	Sorption comparison between phenanthrene and its degradation intermediates, 9,10-phenanthrenequinone and 9-phenanthrol in soils/sediments. <i>Chemosphere</i> , 2012 , 86, 183-9	8.4	12

36	Pharmaceuticals and Personal Care Products in Soils and Sediments 2011 , 185-213		1
35	Adsorption of sulfamethoxazole on functionalized carbon nanotubes as affected by cations and anions. <i>Environmental Pollution</i> , 2011 , 159, 2616-21	9.3	81
34	Phenanthrene sorption/desorption sequences provide new insight to explain high sorption coefficients in field studies. <i>Chemosphere</i> , 2011 , 84, 1578-83	8.4	9
33	Formation of organo-mineral complexes as affected by particle size, pH, and dry - wet cycles. <i>Soil Research</i> , 2010 , 48, 713	1.8	11
32	Contribution of different sulfamethoxazole species to their overall adsorption on functionalized carbon nanotubes. <i>Environmental Science & Technology</i> , 2010 , 44, 3806-11	10.3	189
31	Manufactured Nanoparticles and their Sorption of Organic Chemicals. <i>Advances in Agronomy</i> , 2010 , 137-181	18.1	30
30	Adsorption of sulfamethoxazole on different types of carbon nanotubes in comparison to other natural adsorbents. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010 , 45, 1625-34	2.3	23
29	Response to Comment on Adsorption and Desorption of Oxytetracycline and Carbamazepine by Multiwalled Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2010 , 44, 4829-4829	10.3	1
28	Competitive and complementary adsorption of bisphenol A and 17 α -ethinyl estradiol on carbon nanomaterials. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8338-43	5.7	39
27	Norfloxacin sorption and its thermodynamics on surface-modified carbon nanotubes. <i>Environmental Science & Technology</i> , 2010 , 44, 978-84	10.3	180
26	Adsorption and Release of Phosphates in the Case of Dianchi Sediments. <i>Journal of Chemical Engineering of Japan</i> , 2010 , 43, 913-920	0.8	3
25	Adsorption kinetics of 17 β -ethinyl estradiol and bisphenol A on carbon nanomaterials. I. Several concerns regarding pseudo-first order and pseudo-second order models. <i>Journal of Soils and Sediments</i> , 2010 , 10, 838-844	3.4	38
24	Adsorption kinetics of 17 β -ethinyl estradiol and bisphenol A on carbon nanomaterials. II. Concentration-dependence. <i>Journal of Soils and Sediments</i> , 2010 , 10, 845-854	3.4	22
23	Nonlinear binding of phenanthrene to the extracted fulvic acid fraction in soil in comparison with other organic matter fractions and to the whole soil sample. <i>Environmental Pollution</i> , 2010 , 158, 566-75	9.3	12
22	Sulfamethoxazole sorption by sediment fractions in comparison to pyrene and bisphenol A. <i>Environmental Pollution</i> , 2010 , 158, 2826-32	9.3	67
21	Part V--Sorption of pharmaceuticals and personal care products. <i>Environmental Science and Pollution Research</i> , 2009 , 16, 106-16	5.1	96
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19	Adsorption and desorption of oxytetracycline and carbamazepine by multiwalled carbon nanotubes. <i>Environmental Science & Technology</i> , 2009 , 43, 9167-73	10.3	201

18	Dissolved organic matter conformation and its interaction with pyrene as affected by water chemistry and concentration. <i>Environmental Science & Technology</i> , 2008 , 42, 1594-9	10.3	97
17	Sorption of phenanthrene by dissolved organic matter and its complex with aluminum oxide nanoparticles. <i>Environmental Pollution</i> , 2008 , 156, 1021-9	9.3	25
16	Colloidal behavior of aluminum oxide nanoparticles as affected by pH and natural organic matter. <i>Langmuir</i> , 2008 , 24, 12385-91	4	166
15	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
14	Part IV-sorption of hydrophobic organic contaminants. <i>Environmental Science and Pollution Research</i> , 2008 , 15, 554-64	5.1	66
13	Adsorption mechanisms of organic chemicals on carbon nanotubes. <i>Environmental Science & Technology</i> , 2008 , 42, 9005-13	10.3	960
12	Characterization and phenanthrene sorption of tea leaf powders. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 5718-24	5.7	57
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10	Effect of physical forms of soil organic matter on phenanthrene sorption. <i>Chemosphere</i> , 2007 , 68, 1262-8.4	9.4	67
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8	Nonideal binding between dissolved humic acids and polyaromatic hydrocarbons. <i>Environmental Science & Technology</i> , 2007 , 41, 6472-8	10.3	93
7	Two-compartment sorption of phenanthrene on eight soils with various organic carbon contents. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2006 , 41, 1333-47	2.2	22
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3	Uptake of copper complexed to EDTA, diaminoethane, oxalic acid, or tartaric acid by neon tetras (<i>Paracheirodon innesi</i>). <i>Ecotoxicology and Environmental Safety</i> , 2002 , 53, 317-22	7	5
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