Dongqiang Zhu

List of Publications by Year
in descending order

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135 papers	11,416 citations	41627 51 h-index	33145 104 g-index
136 all docs	136 docs citations	136 times ranked	12367 citing authors

#	Article	IF	Citations
1	Amino-functionalized Fe3O4@SiO2 coreâ€“shell magnetic nanomaterial as a novel adsorbent for aqueous heavy metals removal. Journal of Colloid and Interface Science, 2010, 349, 293-299.	5.0	935
2	Adsorption of Polar and Nonpolar Organic Chemicals to Carbon Nanotubes. Environmental Science & Technology, 2007, 41, 8295-8300.	4.6	683
3	Mechanisms for strong adsorption of tetracycline to carbon nanotubes: A comparative study using activated carbon and graphite as adsorbents. Environmental Science & Technology, 2009, 43, 2322-2327.	4.6	670
4	Characterization of Aromatic Compound Sorptive Interactions with Black Carbon (Charcoal) Assisted by Graphite as a Model. Environmental Science & Technology, 2005, 39, 2033-2041.	4.6	383
5	Adsorption of Hydroxyl- and Amino-Substituted Aromatics to Carbon Nanotubes. Environmental Science & Technology, 2008, 42, 6862-6868.	4.6	345
6	Adsorption of Sulfonamide Antibiotics to Multiwalled Carbon Nanotubes. Langmuir, 2009, 25, 11608-11613.	1.6	308
7	Quantifying the rural residential energy transition in China from 1992 to 2012 through a representative national survey. Nature Energy, 2018, 3, 567-573.	19.8	280
8	Adsorption of Tetracycline and Sulfamethoxazole on Crop Residue-Derived Ashes: Implication for the Relative Importance of Black Carbon to Soil Sorption. Environmental Science & Technology, 2011, 45, 5580-5586.	4.6	275
9	Adsorption of Pharmaceutical Antibiotics on Template-Synthesized Ordered Micro- and Mesoporous Carbons. Environmental Science & Technology, 2010, 44, 3116-3122.	4.6	268
10	Chemical and structural properties of dissolved black carbon released from biochars. Carbon, 2016, 96, 759-767.	5.4	259
11	Photochemistry of Dissolved Black Carbon Released from Biochar: Reactive Oxygen Species Generation and Phototransformation. Environmental Science & Technology, 2016, 50, 1218-1226.	4.6	252
12	Evidence for Ï€â^'Ï€ Electron Donorâ^'Acceptor Interactions between Ï€-Donor Aromatic Compounds and Ï€-Acceptor Sites in Soil Organic Matter through pH Effects on Sorption. Environmental Science & Technology, 2004, 38, 4361-4368.	4.6	249
13	Adsorption of Single-Ring Organic Compounds to Wood Charcoals Prepared under Different Thermochemical Conditions. Environmental Science & Technology, 2005, 39, 3990-3998.	4.6	247
14	Adsorption of Nonionic Aromatic Compounds to Single-Walled Carbon Nanotubes: Effects of Aqueous Solution Chemistry. Environmental Science & Technology, 2008, 42, 7225-7230.	4.6	247
15	Microbial Extracellular Polymeric Substances Reduce Ag⁺ to Silver Nanoparticles and Antagonize Bactericidal Activity. Environmental Science & Technology, 2014, 48, 316-322.	4.6	243
16	Adsorption of sulfonamides to demineralized pine wood biochars prepared under different thermochemical conditions. Environmental Pollution, 2014, 186, 187-194.	3.7	221
17	Polystyrene Nanoplastics-Enhanced Contaminant Transport: Role of Irreversible Adsorption in Glassy Polymeric Domain. Environmental Science & Technology, 2018, 52, 2677-2685.	4.6	185
18	Adsorptive removal of phosphate ions from aqueous solution using zirconia-functionalized graphite oxide. Chemical Engineering Journal, 2013, 221, 193-203.	6.6	180

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19	Adsorption of tetracycline on singleâ€walled and multiâ€walled carbon nanotubes as affected by aqueous solution chemistry. Environmental Toxicology and Chemistry, 2010, 29, 2713-2719.	2.2	174
20	Effect of Heavy Metals on the Sorption of Hydrophobic Organic Compounds to Wood Charcoal. Environmental Science & Technology, 2007, 41, 2536-2541.	4.6	173
21	Adsorption of Monoaromatic Compounds and Pharmaceutical Antibiotics on Carbon Nanotubes Activated by KOH Etching. Environmental Science & Technology, 2010, 44, 6429-6436.	4.6	170
22	Extracellular Saccharide-Mediated Reduction of Au³⁺ to Gold Nanoparticles: New Insights for Heavy Metals Biomineralization on Microbial Surfaces. Environmental Science & Technology, 2017, 51, 2776-2785.	4.6	159
23	Graphene Oxide-Facilitated Reduction of Nitrobenzene in Sulfide-Containing Aqueous Solutions. Environmental Science & Technology, 2013, 47, 4204-4210.	4.6	156
24	Cationâ€“Ï€ Bonding: A New Perspective on the Sorption of Polycyclic Aromatic Hydrocarbons to Mineral Surfaces. Journal of Environmental Quality, 2004, 33, 1322-1330.	1.0	136
25	Graphene Nanosheets and Graphite Oxide as Promising Adsorbents for Removal of Organic Contaminants from Aqueous Solution. Journal of Environmental Quality, 2013, 42, 191-198.	1.0	136
26	Effective catalytic reduction of Cr(VI) over TiO2 nanotube supported Pd catalysts. Applied Catalysis B: Environmental, 2011, 105, 255-262.	10.8	103
27	Tetracycline sorption to coal and soil humic acids: An examination of humic structural heterogeneity. Environmental Toxicology and Chemistry, 2010, 29, 1934-1942.	2.2	101
28	Enhanced adsorption of bisphenol A, tylosin, and tetracycline from aqueous solution to nitrogen-doped multiwall carbon nanotubes via cation-Ï€ and Ï€-Ï€ electron-donor-acceptor (EDA) interactions. Science of the Total Environment, 2020, 719, 137389.	3.9	100
29	Enhanced Sorption of Polycyclic Aromatic Hydrocarbons to Tetra-Alkyl Ammonium Modified Smectites via Cationâ^'Ï€ Interactions. Environmental Science & Technology, 2008, 42, 1109-1116.	4.6	96
30	Aggregation Behavior of Dissolved Black Carbon: Implications for Vertical Mass Flux and Fractionation in Aquatic Systems. Environmental Science & Technology, 2017, 51, 13723-13732.	4.6	95
31	Adsorption of single-ringed N- and S-heterocyclic aromatics on carbon nanotubes. Carbon, 2010, 48, 3906-3915.	5.4	90
32	Dissolved Black Carbon as an Efficient Sensitizer in the Photochemical Transformation of 17Î²-Estradiol in Aqueous Solution. Environmental Science & Technology, 2018, 52, 10391-10399.	4.6	89
33	Strong binding of apolar hydrophobic organic contaminants by dissolved black carbon released from biochar: A mechanism of pseudomicelle partition and environmental implications. Environmental Pollution, 2018, 232, 402-410.	3.7	88
34	Adsorption of aromatic compounds on porous covalent triazine-based framework. Journal of Colloid and Interface Science, 2012, 372, 99-107.	5.0	87
35	Transport of Sulfide-Reduced Graphene Oxide in Saturated Quartz Sand: Cation-Dependent Retention Mechanisms. Environmental Science & Technology, 2015, 49, 11468-11475.	4.6	87
36	Zirconia functionalized SBA-15 as effective adsorbent for phosphate removal. Microporous and Mesoporous Materials, 2012, 155, 192-200.	2.2	86

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37	Influence of Dissolved Organic Matter on Tetracycline Bioavailability to an Antibiotic-Resistant Bacterium. Environmental Science & Technology, 2015, 49, 10903-10910.	4.6	86
38	A novel method for the development of a carbon quantum dot/carbon nitride hybrid photocatalyst that responds to infrared light irradiation. Journal of Materials Chemistry A, 2015, 3, 13189-13192.	5.2	79
39	TiO2 supported Pd@Ag as highly selective catalysts for hydrogenation of acetylene in excess ethylene. Chemical Communications, 2013, 49, 8350.	2.2	76
40	Enhanced Transport of Phenanthrene and 1-Naphthol by Colloidal Graphene Oxide Nanoparticles in Saturated Soil. Environmental Science & Technology, 2014, 48, 10136-10144.	4.6	73
41	Covalent triazine-based framework: A promising adsorbent for removal of perfluoroalkyl acids from aqueous solution. Environmental Pollution, 2016, 216, 884-892.	3.7	72
42	Removal of aqueous Pb(II) by adsorption on Al 2 O 3 -pillared layered MnO 2. Applied Surface Science, 2017, 406, 330-338.	3.1	70
43	Global mapping of crop-specific emission factors highlights hotspots of nitrous oxide mitigation. Nature Food, 2021, 2, 886-893.	6.2	68
44	The Partitioning of PAHs to Egg Phospholipids Facilitated by Copper and Proton Binding via Cation-Ï€ Interactions. Environmental Science & Technology, 2007, 41, 8321-8327.	4.6	63
45	Zeolite-Templated Microporous Carbon As a Superior Adsorbent for Removal of Monoaromatic Compounds from Aqueous Solution. Environmental Science & Technology, 2009, 43, 7870-7876.	4.6	61
46	Enhanced Phototransformation of Tetracycline at Smectite Clay Surfaces under Simulated Sunlight via a Lewis-Base Catalyzed Alkalization Mechanism. Environmental Science & Technology, 2019, 53, 710-718.	4.6	60
47	Reductive removal of chloroacetic acids by catalytic hydrodechlorination over Pd/ZrO2 catalysts. Applied Catalysis B: Environmental, 2013, 134-135, 222-230.	10.8	59
48	Biosorption of Nonpolar Hydrophobic Organic Compounds toEscherichia ColiFacilitated by Metal and Proton Surface Binding. Environmental Science & Technology, 2007, 41, 2750-2755.	4.6	57
49	Enhanced removal of sulfonamide antibiotics by KOH-activated anthracite coal: Batch and fixed-bed studies. Environmental Pollution, 2016, 211, 425-434.	3.7	55
50	Reductive dechlorination of hexachloroethane by sulfide in aqueous solutions mediated by graphene oxide and carbon nanotubes. Carbon, 2014, 72, 74-81.	5.4	53
51	Enhanced Adsorption of Hydroxyl- and Amino-Substituted Aromatic Chemicals to Nitrogen-Doped Multiwall Carbon Nanotubes: A Combined Batch and Theoretical Calculation Study. Environmental Science & Technology, 2016, 50, 899-905.	4.6	53
52	A Concentration-Dependent Multi-Term Linear Free Energy Relationship for Sorption of Organic Compounds to Soils Based on the Hexadecane Dilute-Solution Reference State. Environmental Science & Technology, 2005, 39, 8817-8828.	4.6	49
53	Assessment of Bioavailability of Biochar-Sorbed Tetracycline to Escherichia coli for Activation of Antibiotic Resistance Genes. Environmental Science & Technology, 2020, 54, 12920-12928.	4.6	48
54	Role of Extracellular Polymeric Substances in Microbial Reduction of Arsenate to Arsenite by Escherichia coli and Bacillus subtilis. Environmental Science & Technology, 2020, 54, 6185-6193.	4.6	48

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55	Micropore clogging by leachable pyrogenic organic carbon: A new perspective on sorption irreversibility and kinetics of hydrophobic organic contaminants to black carbon. Environmental Pollution, 2017, 220, 1349-1358.	3.7	47
56	Predicting apparent singlet oxygen quantum yields of dissolved black carbon and humic substances using spectroscopic indices. Chemosphere, 2018, 194, 405-413.	4.2	47
57	Characterization of Cationâ€“Ï€ Interactions in Aqueous Solution Using Deuterium Nuclear Magnetic Resonance Spectroscopy. Journal of Environmental Quality, 2004, 33, 276-284.	1.0	46
58	ZrO2-functionalized magnetic mesoporous SiO2 as effective phosphate adsorbent. Journal of Colloid and Interface Science, 2013, 407, 442-449.	5.0	46
59	Effects of charge and surface defects of multi-walled carbon nanotubes on the disruption of model cell membranes. Science of the Total Environment, 2017, 574, 771-780.	3.9	46
60	Dissolved Black Carbon Facilitates Photoreduction of Hg(II) to Hg(0) and Reduces Mercury Uptake by Lettuce (Lactuca sativa L.). Environmental Science & Technology, 2020, 54, 11137-11145.	4.6	46
61	Reductive Dechlorination of Activated Carbonâ€Adsorbed Trichloroethylene by Zeroâ€Valent Iron: Carbon as Electron Shuttle. Journal of Environmental Quality, 2011, 40, 1878-1885.	1.0	45
62	Adsorption of phenanthrene, 2â€naphthol, and 1â€naphthylamine to colloidal oxidized multiwalled carbon nanotubes: Effects of humic acid and surfactant modification. Environmental Toxicology and Chemistry, 2013, 32, 493-500.	2.2	45
63	Enhanced liquid phase catalytic hydrodechlorination of 2,4-dichlorophenol over mesoporous carbon supported Pd catalysts. Catalysis Communications, 2011, 12, 1405-1409.	1.6	44
64	Spectroscopic Study of Carbaryl Sorption on Smectite from Aqueous Suspension. Environmental Science & Technology, 2005, 39, 9123-9129.	4.6	42
65	Enhanced selective hydrodechlorination of 1,2-dichloroethane to ethylene on Ptâ€“Ag/TiO2 catalysts prepared by sequential photodeposition. Applied Catalysis B: Environmental, 2012, 125, 172-179.	10.8	42
66	Effects of sulfide reduction on adsorption affinities of colloidal graphene oxide nanoparticles for phenanthrene and 1-naphthol. Environmental Pollution, 2015, 196, 371-378.	3.7	42
67	In situ fabricated porous carbon coating derived from metal-organic frameworks for highly selective solid-phase microextraction. Analytica Chimica Acta, 2019, 1078, 70-77.	2.6	42
68	Comparing electron donating/accepting capacities (EDC/EAC) between crop residue-derived dissolved black carbon and standard humic substances. Science of the Total Environment, 2019, 673, 29-35.	3.9	42
69	Bioavailability of Soil-Sorbed Tetracycline to Escherichia coli under Unsaturated Conditions. Environmental Science & Technology, 2017, 51, 6165-6173.	4.6	41
70	Sulfide induces physical damages and chemical transformation of microplastics via radical oxidation and sulfide addition. Water Research, 2021, 197, 117100.	5.3	40
71	Sorption of polar and nonpolar aromatic compounds to four surface soils of eastern China. Environmental Pollution, 2008, 156, 1053-1060.	3.7	39
72	Catalytic Effects of Functionalized Carbon Nanotubes on Dehydrochlorination of 1,1,2,2-Tetrachloroethane. Environmental Science & Technology, 2014, 48, 3856-3863.	4.6	39

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73	Sunlight Promotes Fast Release of Hazardous Cadmium from Widely-Used Commercial Cadmium Pigment. Environmental Science & Technology, 2017, 51, 6877-6886.	4.6	39
74	Probing the Specific Sorption Sites on Montmorillonite Using Nitroaromatic Compounds and Hexafluorobenzene. Environmental Science & Technology, 2011, 45, 2209-2216.	4.6	38
75	Simultaneous removal of monochloroacetic acid and bromate by liquid phase catalytic hydrogenation over Pd/Ce 1â^'x Zr x O 2. Applied Catalysis B: Environmental, 2015, 162, 85-92.	10.8	37
76	Source and formation process impact the chemodiversity of rainwater dissolved organic matter along the Yangtze River Basin in summer. Water Research, 2022, 211, 118024.	5.3	37
77	In Situ Hydrothermal Grown Silicalite-1 Coating for Solid-Phase Microextraction. Analytical Chemistry, 2012, 84, 2366-2372.	3.2	36
78	Comparing Photoactivities of Dissolved Organic Matter Released from Rice Straw-Pyrolyzed Biochar and Composted Rice Straw. Environmental Science & Technology, 2022, 56, 2803-2815.	4.6	35
79	Investigating roles of organic and inorganic soil components in sorption of polar and nonpolar aromatic compounds. Environmental Pollution, 2010, 158, 319-324.	3.7	33
80	Enhanced adsorption of humic acids on ordered mesoporous carbon compared with microporous activated carbon. Environmental Toxicology and Chemistry, 2011, 30, 793-800.	2.2	32
81	Enhanced adsorption of aromatic chemicals on boron and nitrogen co-doped single-walled carbon nanotubes. Environmental Science: Nano, 2017, 4, 558-564.	2.2	31
82	PM2.5 reductions in Chinese cities from 2013 to 2019 remain significant despite the inflating effects of meteorological conditions. One Earth, 2021, 4, 448-458.	3.6	31
83	Characterization of coals and their laboratory-prepared black carbon using advanced solid-state 13C nuclear magnetic resonance spectroscopy. Fuel Processing Technology, 2012, 96, 56-64.	3.7	30
84	Humic acidâ€mediated transport of tetracycline and pyrene in saturated porous media. Environmental Toxicology and Chemistry, 2012, 31, 534-541.	2.2	30
85	Abiotic Reduction of 1,3-Dinitrobenzene by Aqueous Dissolved Extracellular Polymeric Substances Produced by Microorganisms. Journal of Environmental Quality, 2013, 42, 1441-1448.	1.0	30
86	Dissolved Mineral Ash Generated by Vegetation Fire Is Photoactive under the Solar Spectrum. Environmental Science & Technology, 2018, 52, 10453-10461.	4.6	29
87	Sorption of nitroaromatics to soils: Comparison of the importance of soil organic matter versus clay. Environmental Toxicology and Chemistry, 2009, 28, 1447-1454.	2.2	28
88	Transformation and destabilization of graphene oxide in reducing aqueous solutions containing sulfide. Environmental Toxicology and Chemistry, 2014, 33, 2647-2653.	2.2	28
89	Adsorption of Pharmaceuticals to Microporous Activated Carbon Treated with Potassium Hydroxide, Carbon Dioxide, and Steam. Journal of Environmental Quality, 2011, 40, 1886-1894.	1.0	27
90	Sorption of polar and nonpolar aromatic compounds to two humic acids with varied structural heterogeneity. Environmental Toxicology and Chemistry, 2008, 27, 2449-2456.	2.2	26

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91	Threshold Concentrations of Silver Ions Exist for the Sunlight-Induced Formation of Silver Nanoparticles in the Presence of Natural Organic Matter. Environmental Science & Technology, 2018, 52, 4040-4050.	4.6	26
92	Comparison of adsorption isotherms of single-ringed compounds between carbon nanomaterials and porous carbonaceous materials over six-order-of-magnitude concentration range. Carbon, 2014, 79, 203-212.	5.4	25
93	Specific ion effects on the aggregation behavior of aquatic natural organic matter. Journal of Colloid and Interface Science, 2019, 556, 734-742.	5.0	25
94	Sorption of Aromatic Compounds to Clay Mineral and Model Humic Substanceâ€“Clay Complex: Effects of Solute Structure and Exchangeable Cation. Journal of Environmental Quality, 2008, 37, 817-823.	1.0	24
95	Dehydrochlorination of activated carbon-bound 1,1,2,2-tetrachloroethane: Implications for carbonaceous material-based soil/sediment remediation. Carbon, 2014, 78, 578-588.	5.4	24
96	Sorption fractionation of bacterial extracellular polymeric substances (EPS) on mineral surfaces and associated effects on phenanthrene sorption to EPS-mineral complexes. Chemosphere, 2021, 263, 128264.	4.2	24
97	Contributions of biomass burning to global and regional SO2 emissions. Atmospheric Research, 2021, 260, 105709.	1.8	23
98	Effective liquid phase hydrodechlorination of diclofenac catalysed by Pd/CeO₂. RSC Advances, 2015, 5, 18702-18709.	1.7	22
99	Quantifying hydrophobicity of natural organic matter using partition coefficients in aqueous two-phase systems. Chemosphere, 2019, 218, 922-929.	4.2	22
100	Effect of copper ion on adsorption of chlorinated phenols and 1â€naphthylamine to surfaceâ€modified carbon nanotubes. Environmental Toxicology and Chemistry, 2012, 31, 100-107.	2.2	21
101	Differentiated-Rate Clean Heating Strategy with Superior Environmental and Health Benefits in Northern China. Environmental Science & Technology, 2020, 54, 13458-13466.	4.6	20
102	SURFACE FUNCTIONALIZED MESOPOROUS SILICAS AS ADSORBENTS FOR AROMATIC CONTAMINANTS IN AQUEOUS SOLUTION. Environmental Toxicology and Chemistry, 2009, 28, 1400.	2.2	19
103	Prediction of Apolar Compound Sorption to Aquatic Natural Organic Matter Accounting for Natural Organic Matter Hydrophobicity Using Aqueous Two-Phase Systems. Environmental Science & Technology, 2019, 53, 8127-8135.	4.6	19
104	Bioavailability of tetracycline to antibiotic resistant Escherichia coli in water-clay systems. Environmental Pollution, 2018, 243, 1078-1086.	3.7	18
105	Impact of coal structural heterogeneity on the nonideal sorption of organic contaminants. Environmental Toxicology and Chemistry, 2011, 30, 1310-1319.	2.2	16
106	Elucidating the genetic basis for Escherichia coli defense against silver toxicity using mutant arrays. Environmental Toxicology and Chemistry, 2014, 33, 993-997.	2.2	16
107	Effects of Cu(II) and Ni(II) ions on adsorption of tetracycline to functionalized carbon nanotubes. Journal of Zhejiang University: Science A, 2014, 15, 653-661.	1.3	16
108	Probing extracellular reduction mechanisms of Bacillus subtilis and Escherichia coli with nitroaromatic compounds. Science of the Total Environment, 2020, 724, 138291.	3.9	16

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109	Spatially Resolved Emission Factors to Reduce Uncertainties in Air Pollutant Emission Estimates from the Residential Sector. Environmental Science & Technology, 2021, 55, 4483-4493.	4.6	15
110	Efficient removal of ionic liquids from aqueous media using ZSM-5 zeolites: A tunable mechanism combining micropore filling and electrostatic interaction. Microporous and Mesoporous Materials, 2019, 280, 315-323.	2.2	14
111	Sorption of Pyridine to Suspended Soil Particles Studied by Deuterium Nuclear Magnetic Resonance. Soil Science Society of America Journal, 2003, 67, 1370-1377.	1.2	13
112	Oxidized template-synthesized mesoporous carbon with pH-dependent adsorption activity: A promising adsorbent for removal of hydrophilic ionic liquid. Applied Surface Science, 2018, 440, 821-829.	3.1	13
113	Synergistic role of different soil components in slow sorption kinetics of polar organic contaminants. Environmental Pollution, 2014, 184, 123-130.	3.7	12
114	Spectroscopic and molecular modeling investigation on inhibition effect of nitroaromatic compounds on acetylcholinesterase activity. Chemosphere, 2019, 236, 124365.	4.2	12
115	Sulfide-induced reduction of nitrobenzene mediated by different size fractions of rice straw-derived black carbon: A key role played by reactive polysulfide species. Science of the Total Environment, 2020, 748, 141365.	3.9	11
116	Response to Comment on â€œAdsorption of Hydroxyl- and Amino-Substituted Aromatics to Carbon Nanotubesâ€. Environmental Science & Technology, 2009, 43, 3400-3401.	4.6	10
117	Siteâ€Specific Adsorption of 1,3â€Dinitrobenzene to Bacterial Surfaces: A Mechanism of nâ€“Ï€ Electronâ€Donorâ€Acceptor Interactions. Journal of Environmental Quality, 2008, 37, 824-829.	1.0	9
118	An investigation on hygroscopic properties of 15 black carbon (BC)-containing particles from different carbon sources: roles of organic and inorganic components. Atmospheric Chemistry and Physics, 2020, 20, 7941-7954.	1.9	8
119	Surface quinone-induced formation of aqueous reactive sulfur species controls pine wood biochar-mediated reductive dechlorination of hexachloroethane by sulfide. Environmental Sciences: Processes and Impacts, 2020, 22, 1898-1907.	1.7	8
120	Characterization of Cationâ€“Ï€ Interactions in Aqueous Solution Using Deuterium Nuclear Magnetic Resonance Spectroscopy. Journal of Environmental Quality, 2004, 33, 276.	1.0	7
121	A significant correlation between kinetics of nitrobenzene reduction by sulfide and electron transfer capacity of mediating dissolved humic substances. Science of the Total Environment, 2020, 740, 139911.	3.9	7
122	Molecularâ€Level Investigation of Monoaromatic Compound Sorption to Suspended Soil Particles by Deuterium Nuclear Magnetic Resonance. Journal of Environmental Quality, 2003, 32, 232-239.	1.0	7
123	Sorption of monoaromatic compounds to heated and unheated coals, humic acid, and biochar: Implication for using combustion method to quantify sorption contribution of carbonaceous geosorbents in soil. Applied Geochemistry, 2013, 35, 289-296.	1.4	6
124	Mechanisms for sulfideâ€induced nitrobenzene reduction mediated by a variety of different carbonaceous materials: Graphitized carbonâ€facilitated electron transfer versus quinoneâ€facilitated formation of reactive sulfur species. Journal of Environmental Quality, 2020, 49, 1564-1574.	1.0	6
125	Variations of root-associated bacterial cooccurrence relationships in paddy soils under chlorantraniliprole (CAP) stress. Science of the Total Environment, 2021, 779, 146247.	3.9	6
126	Prediction of hydrophobic organic compound partition to algal organic matter through the growth cycle of Microcystis aeruginosa. Environmental Pollution, 2021, 289, 117827.	3.7	6

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127	Sorption of Aromatic Ionizable Organic Compounds to Montmorillonites Modified by Hexadecyltrimethyl Ammonium and Polydiallyldimethyl Ammonium. Journal of Environmental Quality, 2011, 40, 1895-1902.	1.0	5
128	Sorption of Tetracycline to Varying-Sized Montmorillonite Fractions. Journal of Environmental Quality, 2014, 43, 2079-2085.	1.0	5
129	Directional Oxidation of Amine-Containing Phenolic Pharmaceuticals by Aqueous Dissolved Oxygen under Dark Conditions Catalyzed by Nitrogen-Doped Multiwall Carbon Nanotubes. ACS ES&T Water, 2021, 1, 79-88.	2.3	5
130	Future research needs for environmental science in China. Geography and Sustainability, 2021, , .	1.9	3
131	Impact of the initial hydrophilic ratio on black carbon aerosols in the Arctic. Science of the Total Environment, 2022, 817, 153044.	3.9	3
132	Molecular-Level Investigation of Monoaromatic Compound Sorption to Suspended Soil Particles by Deuterium Nuclear Magnetic Resonance. Journal of Environmental Quality, 2003, 32, 232.	1.0	2
133	Effect of Heat Treatment on Sorption of Polar and Nonpolar Compounds to Montmorillonites and Soils. Journal of Environmental Quality, 2012, 41, 1284-1289.	1.0	2
134	Combined analyses of hygroscopic properties of organic and inorganic components of three representative black carbon samples recovered from pyrolysis. Science of the Total Environment, 2021, 771, 145393.	3.9	1
135	Adsorption and Reaction of Organic Contaminants on Surfaces of Condensed Carbonaceous Materials. , 2018, , 591-603.		0