

# Dong-Mei Zhou

## List of Publications by Year in descending order

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118  
papers

8,350  
citations

66234

42  
h-index

46693

89  
g-index

118  
all docs

118  
docs citations

118  
times ranked

6119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of the redox properties of microplastics and their effect on arsenite oxidation. <i>Fundamental Research</i> , 2023, 3, 777-785.	1.6	4
2	Weathered Microplastics Induce Silver Nanoparticle Formation. <i>Environmental Science and Technology Letters</i> , 2022, 9, 179-185.	3.9	14
3	Hydroxyl radicals induced mineralization of organic carbon during oxygenation of ferrous mineral-organic matter associations: Adsorption versus coprecipitation. <i>Science of the Total Environment</i> , 2022, 816, 151667.	3.9	6
4	Uptake, translocation, and transformation of silver nanoparticles in plants. <i>Environmental Science: Nano</i> , 2022, 9, 12-39.	2.2	29
5	Metabolic response of earthworms ( <i>Pheretima guillemi</i> ) to silver nanoparticles in sludge-amended soil. <i>Environmental Pollution</i> , 2022, 300, 118954.	3.7	14
6	Biotic Process Dominated the Uptake and Transformation of Ag <sup>+</sup> by <i>Shewanella oneidensis</i> MR-1. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2366-2377.	4.6	8
7	Rapid As(III) oxidation mediated by activated carbons: Reactive species vs. direct oxidation. <i>Science of the Total Environment</i> , 2022, 822, 153536.	3.9	5
8	Thiol-functionalized metal-organic frameworks embedded with chelator-modified magnetite for high-efficiency and recyclable mercury removal in aqueous solutions. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6724-6730.	5.2	29
9	Mechanistic Study of the Effects of Agricultural Amendments on Photochemical Processes in Paddy Water during Rice Growth. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4221-4230.	4.6	17
10	Dynamic changes of reactive oxygen species in paddy overlying water: mechanisms and implications. <i>Journal of Soils and Sediments</i> , 2022, 22, 1746-1760.	1.5	4
11	Hydroxyl radical formation during oxygen-mediated oxidation of ferrous iron on mineral surface: Dependence on mineral identity. <i>Journal of Hazardous Materials</i> , 2022, 434, 128861.	6.5	14
12	Greater Bioaccessibility of Silver Nanoparticles in Earthworm than in Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, , 1.	1.3	0
13	Rice exposure to silver nanoparticles in a life cycle study: effect of dose responses on grain metabolomic profile, yield, and soil bacteria. <i>Environmental Science: Nano</i> , 2022, 9, 2195-2206.	2.2	9
14	Mechanistic insight into sulfite-enhanced diethyl phthalate degradation by hydrogen atom under UV light. <i>Separation and Purification Technology</i> , 2022, 295, 121310.	3.9	5
15	Efficient activation of peroxymonosulfate by C <sub>3</sub> N <sub>5</sub> doped with cobalt for organic contaminant degradation. <i>Environmental Science: Nano</i> , 2022, 9, 2534-2547.	2.2	8
16	Effect of metal cations on antimicrobial activity and compartmentalization of silver in <i>Shewanella oneidensis</i> MR-1 upon exposure to silver ions. <i>Science of the Total Environment</i> , 2022, 838, 156401.	3.9	6
17	Efficient chlorinated alkanes degradation in soil by combining alkali hydrolysis with thermally activated persulfate. <i>Journal of Hazardous Materials</i> , 2022, 438, 129571.	6.5	17
18	Rapid DDTs degradation by thermally activated persulfate in soil under aerobic and anaerobic conditions: Reductive radicals vs. oxidative radicals. <i>Journal of Hazardous Materials</i> , 2021, 402, 123557.	6.5	25

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19	Nano Fe <sub>2</sub> O <sub>3</sub> embedded in montmorillonite with citric acid enhanced photocatalytic activity of nanoparticles towards diethyl phthalate. <i>Journal of Environmental Sciences</i> , 2021, 101, 248-259.	3.2	14
20	Efficient transformation of DDT with peroxymonosulfate activation by different crystallographic MnO <sub>2</sub> . <i>Science of the Total Environment</i> , 2021, 759, 142864.	3.9	34
21	Photooxidation mechanism of As(III) by straw-derived dissolved organic matter. <i>Science of the Total Environment</i> , 2021, 757, 144049.	3.9	15
22	The overlooked oxidative dissolution of silver sulfide nanoparticles by thermal activation of persulfate: Processes, mechanisms, and influencing factors. <i>Science of the Total Environment</i> , 2021, 760, 144504.	3.9	13
23	Effect of Straw Return on Hydroxyl Radical Formation in Paddy Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 211-217.	1.3	7
24	Transfer and toxicity of silver nanoparticles in the food chain. <i>Environmental Science: Nano</i> , 2021, 8, 1519-1535.	2.2	32
25	Pyridinic- and Pyrrolic Nitrogen in Pyrogenic Carbon Improves Electron Shuttling during Microbial Fe(III) Reduction. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 900-909.	1.2	11
26	Pyrogenic Carbon Initiated the Generation of Hydroxyl Radicals from the Oxidation of Sulfide. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6001-6011.	4.6	36
27	Farmland heavy metals can migrate to deep soil at a regional scale: A case study on a wastewater-irrigated area in China. <i>Environmental Pollution</i> , 2021, 281, 116977.	3.7	39
28	Reactive oxygen species formation in thiols solution mediated by pyrogenic carbon under aerobic conditions. <i>Journal of Hazardous Materials</i> , 2021, 415, 125726.	6.5	1
29	Long-term dissolution and transformation of ZnO in soils: The roles of soil pH and ZnO particle size. <i>Journal of Hazardous Materials</i> , 2021, 415, 125604.	6.5	17
30	Active iron species driven hydroxyl radicals formation in oxygenation of different paddy soils: Implications to polycyclic aromatic hydrocarbons degradation. <i>Water Research</i> , 2021, 203, 117484.	5.3	40
31	MoS <sub>2</sub> Nanosheetsâ€™Cyanobacteria Interaction: Reprogrammed Carbon and Nitrogen Metabolism. <i>ACS Nano</i> , 2021, 15, 16344-16356.	7.3	28
32	Photochemical characterization of paddy water during rice cultivation: Formation of reactive intermediates for As(III) oxidation. <i>Water Research</i> , 2021, 206, 117721.	5.3	33
33	Aging reduces the bioavailability of copper and cadmium in soil immobilized by biochars with various concentrations of endogenous metals. <i>Science of the Total Environment</i> , 2021, 797, 149136.	3.9	16
34	Mechanism of significant enhancement of VO <sub>2</sub> -Fenton-like reactions by oxalic acid for diethyl phthalate degradation. <i>Separation and Purification Technology</i> , 2021, 279, 119671.	3.9	14
35	Active Iron Phases Regulate the Abiotic Transformation of Organic Carbon during Redox Fluctuation Cycles of Paddy Soil. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14281-14293.	4.6	48
36	Environmental and human health risks from metal exposures nearby a Pb-Zn-Ag mine, China. <i>Science of the Total Environment</i> , 2020, 698, 134326.	3.9	55

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37	Copper pre-exposure reduces AgNP bioavailability to wheat. <i>Science of the Total Environment</i> , 2020, 707, 136084.	3.9	3
38	Surface-bound radical control rapid organic contaminant degradation through peroxymonosulfate activation by reduced Fe-bearing smectite clays. <i>Journal of Hazardous Materials</i> , 2020, 389, 121819.	6.5	48
39	Efficient activation of peroxymonosulfate by copper sulfide for diethyl phthalate degradation: Performance, radical generation and mechanism. <i>Science of the Total Environment</i> , 2020, 749, 142387.	3.9	44
40	Synergy between Iron and Selenide on FeSe <sub>2</sub> (111) Surface Driving Peroxymonosulfate Activation for Efficient Degradation of Pollutants. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15489-15498.	4.6	90
41	Role of Reduced Sulfur in the Transformation of Cd(II) Immobilized by $\gamma$ -MnO <sub>2</sub> . <i>Environmental Science &amp; Technology</i> , 2020, 54, 14955-14963.	4.6	22
42	Uptake kinetics of silver nanoparticles by plant: relative importance of particles and dissolved ions. <i>Nanotoxicology</i> , 2020, 14, 654-666.	1.6	26
43	The formation of $\cdot\text{OH}$ with Fe-bearing smectite clays and low-molecular-weight thiols: Implication of As(III) removal. <i>Water Research</i> , 2020, 174, 115631.	5.3	24
44	Contrasting effects of iron plaque on the bioavailability of metallic and sulfidized silver nanoparticles to rice. <i>Environmental Pollution</i> , 2020, 260, 113969.	3.7	15
45	Alteration of Crop Yield and Quality of Three Vegetables upon Exposure to Silver Nanoparticles in Sludge-Amended Soil. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2472-2480.	3.2	31
46	Efficient transformation of diethyl phthalate using calcium peroxide activated by pyrite. <i>Chemosphere</i> , 2020, 253, 126662.	4.2	23
47	Copper(I) Promotes Silver Sulfide Dissolution and Increases Silver Phytoavailability. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5589-5597.	4.6	9
48	Zero-valent iron activated persulfate remediation of polycyclic aromatic hydrocarbon-contaminated soils: An in situ pilot-scale study. <i>Chemical Engineering Journal</i> , 2019, 355, 65-75.	6.6	139
49	The degradation of diethyl phthalate by reduced smectite clays and dissolved oxygen. <i>Chemical Engineering Journal</i> , 2019, 355, 247-254.	6.6	56
50	Significant contribution of metastable particulate organic matter to natural formation of silver nanoparticles in soils. <i>Nature Communications</i> , 2019, 10, 3775.	5.8	57
51	Nonselective uptake of silver and gold nanoparticles by wheat. <i>Nanotoxicology</i> , 2019, 13, 1073-1086.	1.6	27
52	Transformation of tetracyclines induced by Fe(III)-bearing smectite clays under anoxic dark conditions. <i>Water Research</i> , 2019, 165, 114997.	5.3	26
53	A Meta-Analysis on Phenotypic Variation in Cadmium Accumulation of Rice and Wheat: Implications for Food Cadmium Risk Control. <i>Pedosphere</i> , 2019, 29, 545-553.	2.1	51
54	Dissolution and Transformation of ZnO Nano- and Microparticles in Soil Mineral Suspensions. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 495-502.	1.2	18

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55	Cd(II) retention and remobilization on $\hat{\Gamma}$ -MnO <sub>2</sub> and Mn(III)-rich $\hat{\Gamma}$ -MnO <sub>2</sub> affected by Mn(II). <i>Environment International</i> , 2019, 130, 104932.	4.8	32
56	High retention of silver sulfide nanoparticles in natural soils. <i>Journal of Hazardous Materials</i> , 2019, 378, 120735.	6.5	23
57	Efficient activation of persulfate decomposition by Cu <sub>2</sub> FeSnS <sub>4</sub> nanomaterial for bisphenol A degradation: Kinetics, performance and mechanism studies. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 278-285.	10.8	107
58	Cotransformation of Carbon Dots and Contaminant under Light in Aqueous Solutions: A Mechanistic Study. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6235-6244.	4.6	33
59	Discerning the Sources of Silver Nanoparticle in a Terrestrial Food Chain by Stable Isotope Tracer Technique. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3802-3810.	4.6	42
60	Sorption Mechanism, Kinetics, and Isotherms of Di- <i>n</i> -butyl Phthalate to Different Soil Particle-Size Fractions. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4734-4745.	2.4	45
61	Effects of molecular weight-fractionated natural organic matter on the phytoavailability of silver nanoparticles. <i>Environmental Science: Nano</i> , 2018, 5, 969-979.	2.2	24
62	Global Picture of Protein Regulation in Response to Dibutyl Phthalate (DBP) Stress of Two <i>Brassica parachinensis</i> Cultivars Differing in DBP Accumulation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4768-4779.	2.4	15
63	Retention of silver nanoparticles and silver ion to natural soils: effects of soil physicochemical properties. <i>Journal of Soils and Sediments</i> , 2018, 18, 2491-2499.	1.5	17
64	A Mechanistic Understanding of Hydrogen Peroxide Decomposition by Vanadium Minerals for Diethyl Phthalate Degradation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2178-2185.	4.6	69
65	POLSOIL: research on soil pollution in China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1-3.	2.7	260
66	Intraspecific variability of ciprofloxacin accumulation, tolerance, and metabolism in Chinese flowering cabbage ( <i>Brassica parachinensis</i> ). <i>Journal of Hazardous Materials</i> , 2018, 349, 252-261.	6.5	27
67	Mechanistic understanding of polychlorinated biphenyls degradation by peroxymonosulfate activated with CuFe <sub>2</sub> O <sub>4</sub> nanoparticles: Key role of superoxide radicals. <i>Chemical Engineering Journal</i> , 2018, 348, 526-534.	6.6	291
68	Genotypic variation and mechanism in uptake and translocation of perfluorooctanoic acid (PFOA) in lettuce ( <i>Lactuca sativa</i> L.) cultivars grown in PFOA-polluted soils. <i>Science of the Total Environment</i> , 2018, 636, 999-1008.	3.9	45
69	Response to Comment on "Redox-Active Oxygen-Containing Functional Groups in Activated Carbon Facilitate Microbial Reduction of Ferrihydrite". <i>Environmental Science &amp; Technology</i> , 2018, 52, 4487-4488.	4.6	1
70	Sorption kinetics, isotherms, and mechanism of aniline aerofloat to agricultural soils with various physicochemical properties. <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 84-91.	2.9	27
71	Identifying Plant Stress Responses to Roxarsone in Soybean Root Exudates: New Insights from Two-Dimensional Correlation Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 53-62.	2.4	14
72	Cultivar-Dependent Accumulation and Translocation of Perfluorooctanesulfonate among Lettuce ( <i>Lactuca sativa</i> L.) Cultivars Grown on Perfluorooctanesulfonate-Contaminated Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13096-13106.	2.4	25

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73	Mechanisms of Interaction between Persulfate and Soil Constituents: Activation, Free Radical Formation, Conversion, and Identification. <i>Environmental Science &amp; Technology</i> , 2018, 52, 14352-14361.	4.6	109
74	Mechanism and Implication of the Sorption of Perfluorooctanoic Acid by Varying Soil Size Fractions. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11569-11579.	2.4	43
75	Oral bioaccessibility of silver nanoparticles and ions in natural soils: Importance of soil properties. <i>Environmental Pollution</i> , 2018, 243, 364-373.	3.7	17
76	The effects of Fe-bearing smectite clays on OH formation and diethyl phthalate degradation with polyphenols and H <sub>2</sub> O <sub>2</sub> . <i>Journal of Hazardous Materials</i> , 2018, 357, 483-490.	6.5	41
77	Reductive Hexachloroethane Degradation by S <sub>2</sub> O <sub>8</sub> <sup>2-</sup> with Thermal Activation of Persulfate under Anaerobic Conditions. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8548-8557.	4.6	117
78	Fate of As(III) and As(V) during Microbial Reduction of Arsenic-Bearing Ferrihydrite Facilitated by Activated Carbon. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 878-887.	1.2	30
79	New insight into the mechanism of peroxymonosulfate activation by sulfur-containing minerals: Role of sulfur conversion in sulfate radical generation. <i>Water Research</i> , 2018, 142, 208-216.	5.3	254
80	Differential bioaccumulation patterns of nanosized and dissolved silver in a land snail <i>Achatina fulica</i> . <i>Environmental Pollution</i> , 2017, 222, 50-57.	3.7	27
81	The transformation and fate of silver nanoparticles in paddy soil: effects of soil organic matter and redox conditions. <i>Environmental Science: Nano</i> , 2017, 4, 919-928.	2.2	55
82	Photogeneration of reactive oxygen species from biochar suspension for diethyl phthalate degradation. <i>Applied Catalysis B: Environmental</i> , 2017, 214, 34-45.	10.8	247
83	Homogenous activation of persulfate by different species of vanadium ions for PCBs degradation. <i>Chemical Engineering Journal</i> , 2017, 323, 84-95.	6.6	61
84	Comparison of Persulfate Activation and Fenton Reaction in Remediating an Organophosphorus Pesticides-Polluted Soil. <i>Pedosphere</i> , 2017, 27, 465-474.	2.1	48
85	Effects of exposure pathways on the accumulation and phytotoxicity of silver nanoparticles in soybean and rice. <i>Nanotoxicology</i> , 2017, 11, 699-709.	1.6	107
86	Macroscopic and microscopic investigation of adsorption and precipitation of Zn on $\gamma$ -alumina in the absence and presence of As. <i>Chemosphere</i> , 2017, 178, 309-316.	4.2	9
87	Determination of Trace Perfluoroalkyl Carboxylic Acids in Edible Crop Matrices: Matrix Effect and Method Development. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8763-8772.	2.4	29
88	Natural degradation of roxarsone in contrasting soils: Degradation kinetics and transformation products. <i>Science of the Total Environment</i> , 2017, 607-608, 132-140.	3.9	24
89	Redox-Active Oxygen-Containing Functional Groups in Activated Carbon Facilitate Microbial Reduction of Ferrihydrite. <i>Environmental Science &amp; Technology</i> , 2017, 51, 9709-9717.	4.6	113
90	Effects of low-molecular-weight organic acids on the acute lethality, accumulation, and enzyme activity of cadmium in <i>Eisenia fetida</i> in a simulated soil solution. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1005-1011.	2.2	8

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91	Activation of persulfate with vanadium species for PCBs degradation: A mechanistic study. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 1-11.	10.8	175
92	Evidence for the generation of reactive oxygen species from hydroquinone and benzoquinone: Roles in arsenite oxidation. <i>Chemosphere</i> , 2016, 150, 71-78.	4.2	32
93	Efficient transformation of DDTs with Persulfate Activation by Zero-valent Iron Nanoparticles: A Mechanistic Study. <i>Journal of Hazardous Materials</i> , 2016, 316, 232-241.	6.5	181
94	Extraction and speciation analysis of roxarsone and its metabolites from soils with different physicochemical properties. <i>Journal of Soils and Sediments</i> , 2016, 16, 1557-1568.	1.5	26
95	Roxarsone binding to soil-derived dissolved organic matter: Insights from multi-spectroscopic techniques. <i>Chemosphere</i> , 2016, 155, 225-233.	4.2	83
96	Effects of clay minerals on diethyl phthalate degradation in Fenton reactions. <i>Chemosphere</i> , 2016, 165, 52-58.	4.2	37
97	Phytotoxicity and uptake of roxarsone by wheat ( <i>Triticum aestivum</i> L.) seedlings. <i>Environmental Pollution</i> , 2016, 219, 210-218.	3.7	12
98	Mechanistic understanding of reduced AgNP phytotoxicity induced by extracellular polymeric substances. <i>Journal of Hazardous Materials</i> , 2016, 308, 21-28.	6.5	43
99	Effect of Organic Matter on Sorption of Zn on Soil: Elucidation by Wien Effect Measurements and EXAFS Spectroscopy. <i>Environmental Science &amp; Technology</i> , 2016, 50, 2931-2937.	4.6	77
100	Efficient transformation of DDT by peroxymonosulfate activated with cobalt in aqueous systems: Kinetics, products, and reactive species identification. <i>Chemosphere</i> , 2016, 148, 68-76.	4.2	71
101	Oxidation mechanism of As(III) in the presence of polyphenols: New insights into the reactive oxygen species. <i>Chemical Engineering Journal</i> , 2016, 285, 69-76.	6.6	47
102	Effects of Soil Organic Matter on Sorption of Metal Ions on Soil Clay Particles. <i>Soil Science Society of America Journal</i> , 2015, 79, 794-802.	1.2	30
103	Biofilms and extracellular polymeric substances mediate the transport of graphene oxide nanoparticles in saturated porous media. <i>Journal of Hazardous Materials</i> , 2015, 300, 467-474.	6.5	83
104	Manipulation of Persistent Free Radicals in Biochar To Activate Persulfate for Contaminant Degradation. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5645-5653.	4.6	684
105	Soil geochemistry and digestive solubilization control mercury bioaccumulation in the earthworm <i>Pheretima guillemi</i> . <i>Journal of Hazardous Materials</i> , 2015, 292, 44-51.	6.5	26
106	Mechanism of hydroxyl radical generation from biochar suspensions: Implications to diethyl phthalate degradation. <i>Bioresource Technology</i> , 2015, 176, 210-217.	4.8	284
107	Adsorption of diethyl phthalate ester to clay minerals. <i>Chemosphere</i> , 2015, 119, 690-696.	4.2	75
108	New Insights into the Mechanism of the Catalytic Decomposition of Hydrogen Peroxide by Activated Carbon: Implications for Degradation of Diethyl Phthalate. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 19925-19933.	1.8	86

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109	Effect of iron oxide reductive dissolution on the transformation and immobilization of arsenic in soils: New insights from X-ray photoelectron and X-ray absorption spectroscopy. <i>Journal of Hazardous Materials</i> , 2014, 279, 212-219.	6.5	77
110	Key Role of Persistent Free Radicals in Hydrogen Peroxide Activation by Biochar: Implications to Organic Contaminant Degradation. <i>Environmental Science &amp; Technology</i> , 2014, 48, 1902-1910.	4.6	589
111	Inhibition Mechanisms of Zn Precipitation on Aluminum Oxide by Glyphosate: A <sup>31</sup> P NMR and Zn EXAFS Study. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4211-4219.	4.6	37
112	Transformation of polychlorinated biphenyls by persulfate at ambient temperature. <i>Chemosphere</i> , 2013, 90, 1573-1580.	4.2	140
113	Superoxide mediated production of hydroxyl radicals by magnetite nanoparticles: Demonstration in the degradation of 2-chlorobiphenyl. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 68-75.	6.5	126
114	Activation of Persulfate by Quinones: Free Radical Reactions and Implication for the Degradation of PCBs. <i>Environmental Science &amp; Technology</i> , 2013, 47, 4605-4611.	4.6	673
115	Superoxide radical driving the activation of persulfate by magnetite nanoparticles: Implications for the degradation of PCBs. <i>Applied Catalysis B: Environmental</i> , 2013, 129, 325-332.	10.8	420
116	Remediation of polychlorinated biphenyl-contaminated soil by soil washing and subsequent TiO <sub>2</sub> photocatalytic degradation. <i>Journal of Soils and Sediments</i> , 2012, 12, 1371-1379.	1.5	27
117	Sulfate radical-based degradation of polychlorinated biphenyls: Effects of chloride ion and reaction kinetics. <i>Journal of Hazardous Materials</i> , 2012, 227-228, 394-401.	6.5	356
118	Automatic pH control system enhances the dechlorination of 2,4,4-trichlorobiphenyl and extracted PCBs from contaminated soil by nanoscale FeO and Pd/FeO. <i>Environmental Science and Pollution Research</i> , 2012, 19, 448-457.	2.7	41