Chengshuai Liu

List of Publications by Year
in descending order

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147	6,110	53751 45	85498 71
papers	citations	h-index	g-index

149	149	149	6443
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arsenic release from microbial reduction of scorodite in the presence of electron shuttle in flooded soil. Journal of Environmental Sciences, 2023, 126, 113-122.	3.2	9
2	Anoxic oxidation of As(III) during Fe(II)-induced goethite recrystallization: Evidence and importance of Fe(IV) intermediate. Journal of Hazardous Materials, 2022, 421, 126806.	6.5	18
3	Zinc regulation of iron uptake and translocation in rice (Oryza sativa L.): Implication from stable iron isotopes and transporter genes. Environmental Pollution, 2022, 297, 118818.	3.7	15
4	Enrichment and environmental availability of cadmium in agricultural soils developed on Cd-rich black shale in southwestern China. Environmental Science and Pollution Research, 2022, 29, 36243-36254.	2.7	5
5	Effects of Fe(II)-induced transformation of scorodite on arsenic solubility. Journal of Hazardous Materials, 2022, 429, 128274.	6.5	12
6	Source and Strategy of Iron Uptake by Rice Grown in Flooded and Drained Soils: Insights from Fe Isotope Fractionation and Gene Expression. Journal of Agricultural and Food Chemistry, 2022, 70, 2564-2573.	2.4	5
7	Sulfate-accelerated photochemical oxidation of arsenopyrite in acidic systems under oxic conditions: Formation and function of schwertmannite. Journal of Hazardous Materials, 2022, 433, 128716.	6.5	13
8	Adsorption of cadmium on clay-organic associations in different pH solutions: The effect of amphoteric organic matter. Ecotoxicology and Environmental Safety, 2022, 236, 113509.	2.9	10
9	Potential to Reduce Chemical Fertilizer Application in Tea Plantations at Various Spatial Scales. International Journal of Environmental Research and Public Health, 2022, 19, 5243.	1.2	5
10	Flooding-drainage alternations impact mobilization and isotope fractionation of cadmium in soil-rice systems. Journal of Hazardous Materials, 2022, 436, 129048.	6.5	15
11	Lithologic controls on the mobility of Cd in mining-impacted watersheds revealed by stable Cd isotopes. Water Research, 2022, 220, 118619.	5.3	10
12	Tetracycline-Induced Release and Oxidation of As(III) Coupled with Concomitant Ferrihydrite Transformation. Environmental Science & Technology, 2022, 56, 9453-9462.	4.6	12
13	Photooxidation of Fe(II) to schwertmannite promotes As(III) oxidation and immobilization on pyrite under acidic conditions. Journal of Environmental Management, 2022, 317, 115425.	3.8	7
14	Iron solid-phase differentiation controls isotopic fractionation during lateritic weathering of basalt. Catena, 2022, 217, 106512.	2.2	2
15	Changes in the microbial community during microbial microaerophilic Fe(II) oxidation at circumneutral pH enriched from paddy soil. Environmental Geochemistry and Health, 2021, 43, 1305-1317.	1.8	9
16	Fe(II)-induced transformation of iron minerals in soil ferromanganese nodules. Chemical Geology, 2021, 559, 119901.	1.4	10
17	Arsenic detoxification by iron-manganese nodules under electrochemically controlled redox: Mechanism and application. Journal of Hazardous Materials, 2021, 403, 123912.	6.5	19
18	Contamination, oral bioaccessibility and human health risk assessment of thallium and other metal(loid)s in farmland soils around a historic Tl Hg mining area. Science of the Total Environment, 2021, 758, 143577.	3.9	42

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19	Organic fertilizer reduced carbon and nitrogen in runoff and buffered soil acidification in tea plantations: Evidence in nutrient contents and isotope fractionations. Science of the Total Environment, 2021, 762, 143059.	3.9	60
20	Microaerophilic Oxidation of Fe(II) Coupled with Simultaneous Carbon Fixation and As(III) Oxidation and Sequestration in Karstic Paddy Soil. Environmental Science & Technology, 2021, 55, 3634-3644.	4.6	29
21	Aboveground litter inputs determine carbon storage across soil profiles: a meta-analysis. Plant and Soil, 2021, 462, 429-444.	1.8	22
22	FeN_X(C)-Coated Microscale Zero-Valent Iron for Fast and Stable Trichloroethylene Dechlorination in both Acidic and Basic pH Conditions. Environmental Science & Technology, 2021, 55, 5393-5402.	4.6	49
23	Cadmium isotope compositions of Fe-Mn nodules and surrounding soils: Implications for tracing Cd sources. Fundamental Research, 2021, 1, 269-276.	1.6	6
24	Heavy Metal Tolerance Genes Associated With Contaminated Sediments From an E-Waste Recycling River in Southern China. Frontiers in Microbiology, 2021, 12, 665090.	1.5	16
25	Two-step calculation method to enable the ecological and human health risk assessment of remediated soil treated through thermal curing. Soil Ecology Letters, 2021, 3, 266-278.	2.4	1
26	Synergistic oxidation of dissolved As(III) and arsenopyrite in the presence of oxygen: Formation and function of reactive oxygen species. Water Research, 2021, 202, 117416.	5.3	30
27	Solar irradiation induced oxidation and adsorption of arsenite on natural pyrite. Water Research, 2021, 203, 117545.	5.3	22
28	Facet-specific reactivity of hematite nanocrystals during Fe(II)-catalyzed recrystallization. Chemical Geology, 2021, 583, 120460.	1.4	8
29	Biomass-derived pyrolytic carbons accelerated Fe(III)/Fe(II) redox cycle for persulfate activation: Pyrolysis temperature-depended performance and mechanisms. Applied Catalysis B: Environmental, 2021, 297, 120446.	10.8	48
30	Coincorporation of N and S into Zero-Valent Iron to Enhance TCE Dechlorination: Kinetics, Electron Efficiency, and Dechlorination Capacity. Environmental Science & Technology, 2021, 55, 16088-16098.	4.6	53
31	Synergistic adsorption of Cd(II) and As(V) on birnessite under electrochemical control. Chemosphere, 2020, 247, 125822.	4.2	11
32	High-efficiency As(III) oxidation and electrocoagulation removal using hematite with a chargeâ"discharge technique. Science of the Total Environment, 2020, 703, 135678.	3.9	14
33	Using Zn isotopes to trace Zn sources and migration pathways in paddy soils around mining area. Environmental Pollution, 2020, 267, 115616.	3.7	28
34	Effects of Environmental Fe Concentrations on Formation and Evolution of Allophane in Alâ€Siâ€Fe Systems: Implications for Both Earth and Mars. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006590.	1.5	8
35	Species richness promotes ecosystem carbon storage: evidence from biodiversity-ecosystem functioning experiments. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202063.	1.2	31
36	Microbial community response to the toxic effect of pentachlorophenol in paddy soil amended with an electron donor and shuttle. Ecotoxicology and Environmental Safety, 2020, 205, 111328.	2.9	11

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37	Zinc isotope revealing zinc's sources and transport processes in karst region. Science of the Total Environment, 2020, 724, 138191.	3.9	34
38	Soil microbial biomass and community responses to experimental precipitation change: A meta-analysis. Soil Ecology Letters, 2020, 2, 93-103.	2.4	36
39	Remediation of heavy metal contaminated soils by organic acid extraction and electrochemical adsorption. Environmental Pollution, 2020, 264, 114745.	3.7	85
40	Fe²⁺/HClO Reaction Produces Fe^{IV}O²⁺: An Enhanced Advanced Oxidation Process. Environmental Science & Technology, 2020, 54, 6406-6414.	4.6	121
41	Versatile Sensing Platform for Cd²⁺ Detection in Rice Samples and Its Applications in Logic Gate Computation. Analytical Chemistry, 2020, 92, 6173-6180.	3.2	46
42	A novel removal strategy for copper and arsenic by photooxidation coupled with coprecipitation: Performance and mechanism. Chemical Engineering Journal, 2020, 401, 126102.	6.6	14
43	Conduction Band of Hematite Can Mediate Cytochrome Reduction by Fe(II) under Dark and Anoxic Conditions. Environmental Science & Technology, 2020, 54, 4810-4819.	4.6	52
44	Electrochemical adsorption of cadmium and arsenic by natural Fe-Mn nodules. Journal of Hazardous Materials, 2020, 390, 122165.	6.5	26
45	Effects of Mn(II) on the Oxidation of Fe in Soils and the Uptake of Cadmium by Rice (Oryza sativa). Water, Air, and Soil Pollution, 2019, 230, 1.	1.1	19
46	Isotopic fingerprints indicate distinct strategies of Fe uptake in rice. Chemical Geology, 2019, 524, 323-328.	1.4	15
47	Unraveling the Structure of the Poly(triazine imide)/LiCl Photocatalyst: Cooperation of Facile Syntheses and a Low-Temperature Synchrotron Approach. Inorganic Chemistry, 2019, 58, 15880-15888.	1.9	19
48	Feasibility of sewage sludge derived hydrochars for agricultural application: Nutrients (N, P, K) and potentially toxic elements (Zn, Cu, Pb, Ni, Cd). Chemosphere, 2019, 236, 124841.	4.2	69
49	Biological Fe(II) and As(III) oxidation immobilizes arsenic in micro-oxic environments. Geochimica Et Cosmochimica Acta, 2019, 265, 96-108.	1.6	44
50	Highly Sensitive Aptasensor for Trace Arsenic(III) Detection Using DNAzyme as the Biocatalytic Amplifier. Analytical Chemistry, 2019, 91, 1724-1727.	3.2	57
51	A cascade toehold-mediated strand displacement strategy for label-free and sensitive non-enzymatic recycling amplification detection of the HIV-1 gene. Analyst, The, 2019, 144, 2173-2178.	1.7	22
52	A target-induced and equipment-free biosensor for amplified visual detection of pesticide acetamiprid with high sensitivity and selectivity. Analytical Methods, 2019, 11, 1168-1173.	1.3	14
53	A wash-free and label-free colorimetric biosensor for naked-eye detection of aflatoxin B1 using G-quadruplex as the signal reporter. Food Chemistry, 2019, 298, 125034.	4.2	44
54	Enhanced reactivity and mechanisms of copper nanoparticles modified green rust for p-nitrophenol reduction. Environment International, 2019, 129, 299-307.	4.8	18

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55	Effects of Rare Earth Elementsâ€™ Physicochemical Properties on Their Stabilization during the Fe(II)aq-induced Phase Transformation of Ferrihydrite. ACS Earth and Space Chemistry, 2019, 3, 895-904.	1.2	12
56	Status of lead accumulation in agricultural soils across China (1979â€“2016). Environment International, 2019, 129, 35-41.	4.8	100
57	Stabilization of Cd 2+ /Cr 3+ During Aqueous Fe(II)â€Induced Recrystallization of Alâ€Substituted Goethite. Soil Science Society of America Journal, 2019, 83, 483-491.	1.2	5
58	Photochemical Formation Process of Schwertmannite on Montmorillonite and Corresponding Cr(VI) Adsorption Capacity. ACS Earth and Space Chemistry, 2019, 3, 718-727.	1.2	23
59	Evaluation on the stabilization of Zn/Ni/Cu in spinel forms: Low-cost red mud as an effective precursor. Environmental Pollution, 2019, 249, 144-151.	3.7	18
60	A portable and quantitative biosensor for cadmium detection using glucometer as the point-of-use device. Talanta, 2019, 198, 412-416.	2.9	47
61	Enhanced immobilization of arsenic and cadmium in a paddy soil by combined applications of woody peat and Fe(NO3)3: Possible mechanisms and environmental implications. Science of the Total Environment, 2019, 649, 535-543.	3.9	68
62	The translocation of antimony in soil-rice system with comparisons to arsenic: Alleviation of their accumulation in rice by simultaneous use of Fe(II) and NO3â". Science of the Total Environment, 2019, 650, 633-641.	3.9	43
63	Highâ€precision magnesium isotope analysis of geological and environmental reference materials by multipleâ€collector inductively coupled plasma mass spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 767-777.	0.7	31
64	Mitigation of soil acidification through changes in soil mineralogy due to long-term fertilization in southern China. Catena, 2019, 174, 227-234.	2.2	40
65	Biochar Addition Enhances Phenanthrene Fixation in Sediment. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 163-168.	1.3	4
66	Cd2+ adsorption performance of tunnel-structured manganese oxides driven by electrochemically controlled redox. Environmental Pollution, 2019, 244, 783-791.	3.7	33
67	Simultaneous Immobilization of Zn(II) and Cr(III) in Spinel Crystals from Beneficial Utilization of Waste Brownfield-Site Soils. Clays and Clay Minerals, 2019, 67, 315-324.	0.6	5
68	The effect of electron donors on the dechlorination of pentachlorophenol (PCP) and prokaryotic diversity in paddy soil. European Journal of Soil Biology, 2018, 86, 8-15.	1.4	16
69	Effects of humic acid on pentachlorophenol biodegrading microorganisms elucidated by stable isotope probing and highâ€throughput sequencing approaches. European Journal of Soil Science, 2018, 69, 380-391.	1.8	17
70	Cu₂O-promoted degradation of sulfamethoxazole by Î±-Fe₂O₃-catalyzed peroxymonosulfate under circumneutral conditions: synergistic effect, Cu/Fe ratios, and mechanisms. Environmental Technology (United Kingdom), 2018, 39, 1-11.	1.2	39
71	Cadmium accumulation in edible flowering cabbages in the Pearl River Delta, China: Critical soil factors and enrichment models. Environmental Pollution, 2018, 233, 880-888.	3.7	35
72	Immobilization of Lead in Cathode Ray Tube Funnel Glass with Beneficial Use of Red Mud for Potential Application in Ceramic Industry. ACS Sustainable Chemistry and Engineering, 2018, 6, 14213-14220.	3.2	6

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73	Effective Zinc Adsorption Driven by Electrochemical Redox Reactions of Birnessite Nanosheets Generated by Solar Photochemistry. ACS Sustainable Chemistry and Engineering, 2018, 6, 13907-13914.	3.2	8
74	Synergistic effects of Ln and Fe Co-Doping on phase evolution of Ca1-Ln ZrTi2-Fe O7 (LnÂ= La, Nd, Gd, Ho,) Tj ETQq0 0 0 rgBT /Overlock	1.3	11
75	Cr Release from Cr-Substituted Goethite during Aqueous Fe(II)-Induced Recrystallization. Minerals (Basel, Switzerland), 2018, 8, 367.	0.8	12
76	Effects of ionic radius on phase evolution in Ln-Al co-doped Ca1-xLnxZrTi2-xAlxO7 (Ln = La, Nd, Gd, Ho,) Tj ETQq0 0 0 rgBT /Overlock 10	2.3	23
77	Contrasting Mg isotopic compositions between Fe-Mn nodules and surrounding soils: Accumulation of light Mg isotopes by Mg-depleted clay minerals and Fe oxides. Geochimica Et Cosmochimica Acta, 2018, 237, 205-222.	1.6	50
78	Co-oxidation of As(III) and Fe(II) by oxygen through complexation between As(III) and Fe(II)/Fe(III) species. Water Research, 2018, 143, 599-607.	5.3	71
79	Aqueous Fe(II)-Induced Phase Transformation of Ferrihydrite Coupled Adsorption/Immobilization of Rare Earth Elements. Minerals (Basel, Switzerland), 2018, 8, 357.	0.8	13
80	Microbial iron reduction as a method for immobilization of a low concentration of dissolved cadmium. Journal of Environmental Management, 2018, 217, 747-753.	3.8	20
81	Combined Quantitative X-ray Diffraction, Scanning Electron Microscopy, and Transmission Electron Microscopy Investigations of Crystal Evolution in CaOâ€“Al₂O₃â€“SiO₂â€“TiO₂â€“ZrO₂â€“Nd₂O<sub>3 System. Crystal Growth and Design, 2017, 17, 1079-1087.	1.4	15
82	Changes in the microbial community during repeated anaerobic microbial dechlorination of pentachlorophenol. Biodegradation, 2017, 28, 219-230.	1.5	10
83	Quantification of the Partitioning Ratio of Minor Actinide Surrogates between Zirconolite and Glass in Glass-Ceramic for Nuclear Waste Disposal. Inorganic Chemistry, 2017, 56, 9913-9921.	1.9	16
84	Detoxification and immobilization of chromite ore processing residue in spinel-based glass-ceramic. Journal of Hazardous Materials, 2017, 321, 449-455.	6.5	51
85	Combined modification of clay with sulfhydryl and iron: Toxicity alleviation in Cr-contaminated soils for mustard (Brassica juncea) growth. Journal of Geochemical Exploration, 2017, 176, 2-8.	1.5	8
86	Adsorption and Stabilization of Lead during Fe(II)-catalyzed Phase Transformation of Ferrihydrite. Acta Chimica Sinica, 2017, 75, 621.	0.5	11
87	A humic substance analogue AQDS stimulates Geobacter sp. abundance and enhances pentachlorophenol transformation in a paddy soil. Chemosphere, 2016, 160, 141-148.	4.2	33
88	Stabilized Nickel and Copper in a Ceramic Matrix and Their Leaching Behavior. , 2016, , .		0
89	Double-Barrier mechanism for chromium immobilization: A quantitative study of crystallization and leachability. Journal of Hazardous Materials, 2016, 311, 246-253.	6.5	55
90	Dynamics of the microbial community and Fe(III)-reducing and dechlorinating microorganisms in response to pentachlorophenol transformation in paddy soil. Journal of Hazardous Materials, 2016, 312, 97-105.	6.5	26

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91	Fe(II)-induced phase transformation of ferrihydrite: The inhibition effects and stabilization of divalent metal cations. Chemical Geology, 2016, 444, 110-119.	1.4	91
92	Iron Redox Cycling Coupled to Transformation and Immobilization of Heavy Metals: Implications for Paddy Rice Safety in the Red Soil of South China. Advances in Agronomy, 2016, 137, 279-317.	2.4	137
93	Fractionation characteristics of rare earth elements (REEs) linked with secondary Fe, Mn, and Al minerals in soils. Acta Geochimica, 2016, 35, 329-339.	0.7	45
94	Effect of oxalate and pH on photodegradation of pentachlorophenol in heterogeneous irradiated maghemite System. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 328, 198-206.	2.0	10
95	Cadmium availability in rice paddy fields from a mining area: The effects of soil properties highlighting iron fractions and pH value. Environmental Pollution, 2016, 209, 38-45.	3.7	247
96	Cubic and tetragonal ferrite crystal structures for copper ion immobilization in an iron-rich ceramic matrix. RSC Advances, 2016, 6, 28579-28585.	1.7	23
97	Influence factors for the oxidation of pyrite by oxygen and birnessite in aqueous systems. Journal of Environmental Sciences, 2016, 45, 164-176.	3.2	25
98	Arsenic availability in rice from a mining area: Is amorphous iron oxide-bound arsenic a source or sink?. Environmental Pollution, 2015, 199, 95-101.	3.7	131
99	The key microorganisms for anaerobic degradation of pentachlorophenol in paddy soil as revealed by stable isotope probing. Journal of Hazardous Materials, 2015, 298, 252-260.	6.5	39
100	Pyrosequencing revealed highly microbial phylogenetic diversity in ferromanganese nodules from farmland. Environmental Sciences: Processes and Impacts, 2015, 17, 213-224.	1.7	6
101	Iron Atom Exchange between Hematite and Aqueous Fe(II). Environmental Science & Technology, 2015, 49, 8479-8486.	4.6	99
102	Beneficial metal stabilization mechanisms using simulated sludge incineration ash for ceramic products. Journal of Chemical Technology and Biotechnology, 2014, 89, 536-543.	1.6	5
103	Iron Reduction Coupled to Reductive Dechlorination in Red Soil. Soil Science, 2014, 179, 457-467.	0.9	20
104	Profiles, sources, and transport of polycyclic aromatic hydrocarbons in soils affected by electronic waste recycling in Longtang, south China. Environmental Monitoring and Assessment, 2014, 186, 3351-3364.	1.3	22
105	Biochar enhances the microbial and chemical transformation of pentachlorophenol in paddy soil. Soil Biology and Biochemistry, 2014, 70, 142-150.	4.2	170
106	Correlations between soil geochemical properties and Fe(III) reduction suggest microbial reducibility of iron in different soils from Southern China. Catena, 2014, 123, 176-187.	2.2	8
107	Influence of geochemical properties and land-use types on the microbial reduction of Fe(iii) in subtropical soils. Environmental Sciences: Processes and Impacts, 2014, 16, 1938-1947.	1.7	2
108	Extraction of Metallic Lead from Cathode Ray Tube (CRT) Funnel Glass by Thermal Reduction with Metallic Iron. Environmental Science & Technology, 2013, 47, 9972-9978.	4.6	35

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109	Anaerobic Transformation of DDT Related to Iron(III) Reduction and Microbial Community Structure in Paddy Soils. Journal of Agricultural and Food Chemistry, 2013, 61, 2224-2233.	2.4	47
110	Mineralization Behavior of Fluorine in Perfluorooctanesulfonate (PFOS) during Thermal Treatment of Lime-Conditioned Sludge. Environmental Science & Technology, 2013, 47, 2621-2627.	4.6	73
111	Heterogeneous Nucleophilic Transformation of Metolachlor by Bisulfide on Alumina Surface. Clean - Soil, Air, Water, 2013, 41, 856-864.	0.7	4
112	Phytoextraction of Pb and Cu Contaminated Soil With Maize and Microencapsulated EDTA. International Journal of Phytoremediation, 2012, 14, 727-740.	1.7	22
113	Adsorption behavior of perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) on boehmite. Chemosphere, 2012, 89, 1009-1014.	4.2	173
114	Biostimulation of Indigenous Microbial Communities for Anaerobic Transformation of Pentachlorophenol in Paddy Soils of Southern China. Journal of Agricultural and Food Chemistry, 2012, 60, 2967-2975.	2.4	62
115	Detoxification of Arsenite through Adsorption and Oxidative Transformation on Pyrolusite. Clean - Soil, Air, Water, 2012, 40, 1265-1272.	0.7	7
116	Dechlorinating transformation of propachlor through nucleophilic substitution by dithionite on the surface of alumina. Journal of Soils and Sediments, 2012, 12, 724-733.	1.5	127
117	Oxidative degradation of propachlor by ferrous and copper ion activated persulfate. Science of the Total Environment, 2012, 416, 507-512.	3.9	247
118	Effect of temperature on oxidative transformation of perfluorooctanoic acid (PFOA) by persulfate activation in water. Separation and Purification Technology, 2012, 91, 46-51.	3.9	105
119	Oxidative decomposition of perfluorooctanesulfonate in water by permanganate. Separation and Purification Technology, 2012, 87, 95-100.	3.9	44
120	Influence of calcium hydroxide on the fate of perfluorooctanesulfonate under thermal conditions. Journal of Hazardous Materials, 2011, 192, 1067-1071.	6.5	32
121	Kinetics and mechanism of propachlor reductive transformation through nucleophilic substitution by dithionite. Chemosphere, 2011, 85, 1438-1443.	4.2	12
122	Effect of pH on pentachlorophenol degradation in irradiated iron/oxalate systems. Chemical Engineering Journal, 2011, 168, 1209-1216.	6.6	34
123	Synthesis and Characterization of Ethylenediamine Tetraacetic Acid Tetrasodium Salt Loaded in Microcapsules with Slow Release Properties. Chinese Journal of Chemical Engineering, 2010, 18, 149-155.	1.7	8
124	The oxidative transformation of sodium arsenite at the interface of Î±-MnO2 and water. Journal of Hazardous Materials, 2010, 173, 675-681.	6.5	82
125	Heterogeneous photodegradation of pentachlorophenol and iron cycling with goethite, hematite and oxalate under UVA illumination. Journal of Hazardous Materials, 2010, 174, 64-70.	6.5	62
126	The oxidative degradation of sulfadiazine at the interface of Î±â€MnO₂ and water. Journal of Chemical Technology and Biotechnology, 2009, 84, 1848-1853.	1.6	19

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127	Membrane-less cloth cathode assembly (CCA) for scalable microbial fuel cells. Biosensors and Bioelectronics, 2009, 24, 3652-3656.	5.3	104
128	Photodegradation of polycyclic aromatic hydrocarbon pyrene by iron oxide in solid phase. Journal of Hazardous Materials, 2009, 162, 716-723.	6.5	101
129	The effect of Praseodymium on the adsorption and photocatalytic degradation of azo dye in aqueous Pr3+-TiO2 suspension. Chemical Engineering Journal, 2009, 147, 219-225.	6.6	47
130	Catalytic degradation of phenol in sonolysis by coal ash and H2O2/O3. Chemical Engineering Journal, 2009, 153, 131-137.	6.6	29
131	Manganese dioxide as an alternative cathodic catalyst to platinum in microbial fuel cells. Biosensors and Bioelectronics, 2009, 24, 2825-2829.	5.3	268
132	Dependence of Sulfadiazine Oxidative Degradation on Physicochemical Properties of Manganese Dioxides. Industrial & Engineering Chemistry Research, 2009, 48, 10408-10413.	1.8	53
133	Relationship between oxidative degradation of 2-mercaptobenzothiazole and physicochemical properties of manganese (hydro)oxides. Environmental Chemistry, 2009, 6, 83.	0.7	22
134	Enhancement of the reductive transformation of pentachlorophenol by polycarboxylic acids at the iron oxideâ€“water interface. Journal of Colloid and Interface Science, 2008, 321, 332-341.	5.0	70
135	Photodegradation of 2-mercaptobenzothiazole in the Î³-Fe2O3/oxalate suspension under UVA light irradiation. Journal of Hazardous Materials, 2008, 153, 426-433.	6.5	68
136	The oxidative degradation of 2-mercaptobenzothiazole at the interface of Î²-MnO2 and water. Journal of Hazardous Materials, 2008, 154, 1098-1105.	6.5	46
137	The enhancement of adsorption and photocatalytic activity of rare earth ions doped TiO2 for the degradation of Orange I. Dyes and Pigments, 2008, 76, 477-484.	2.0	129
138	Heterogeneous Photodegradation of Pentachlorophenol with Maghemite and Oxalate under UV Illumination. Environmental Science & Technology, 2008, 42, 7918-7923.	4.6	85
139	Reductive transformation of pentachlorophenol on the interface of subtropical soil colloids and water. Geoderma, 2008, 148, 70-78.	2.3	34
140	Effect of Oxalate on Photodegradation of Bisphenol A at the Interface of Different Iron Oxides. Industrial & Engineering Chemistry Research, 2007, 46, 781-787.	1.8	54
141	Effect of alumina on photocatalytic activity of iron oxides for bisphenol A degradation. Journal of Hazardous Materials, 2007, 149, 199-207.	6.5	94
142	The effect of iron oxides and oxalate on the photodegradation of 2-mercaptobenzothiazole. Journal of Molecular Catalysis A, 2006, 252, 40-48.	4.8	81
143	Photodegradation of orange I in the heterogeneous iron oxideâ€“oxalate complex system under UVA irradiation. Journal of Hazardous Materials, 2006, 137, 1016-1024.	6.5	70
144	The effect of erbium on the adsorption and photodegradation of orange I in aqueous Er3+-TiO2 suspension. Journal of Hazardous Materials, 2006, 138, 471-478.	6.5	72

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145	Effect of iron oxides and carboxylic acids on photochemical degradation of bisphenol A. Biology and Fertility of Soils, 2006, 42, 409-417.	2.3	29
146	Environmental quality and its impact on the local economy: A case study from Dongguan, South China. International Journal of Sustainable Development and World Ecology, 2005, 12, 291-299.	3.2	2
147	Improved adsorption and desorption behavior of Cd on thiol-modified bentonite grafted with cysteamine hydrochloride. Research on Chemical Intermediates, 0, , .	1.3	1