

Meng-Chang He

List of Publications by Year in descending order

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182
papers

8,560
citations

47006

47
h-index

54911

84
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184
all docs

184
docs citations

184
times ranked

5878
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous removal of antimony and arsenic by nano-TiO ₂ -crosslinked chitosan (TA-chitosan) beads. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 2913-2923.	2.2	5
2	Response of soil microbial activities and ammonia oxidation potential to environmental factors in a typical antimony mining area. <i>Journal of Environmental Sciences</i> , 2023, 127, 767-779.	6.1	10
3	Facile co-removal of As(V) and Sb(V) from aqueous solution using Fe-Cu binary oxides: Structural modification and self-driven force field of copper oxides. <i>Science of the Total Environment</i> , 2022, 803, 150084.	8.0	18
4	Spatiotemporal variations in phosphorus concentrations in the water and sediment of Jiaozhou Bay and sediment phosphorus release potential. <i>Science of the Total Environment</i> , 2022, 806, 150540.	8.0	4
5	Profiling of the spatiotemporal distribution, risks, and prioritization of antibiotics in the waters of Laizhou Bay, northern China. <i>Journal of Hazardous Materials</i> , 2022, 424, 127487.	12.4	28
6	Sources, trophodynamics, contamination and risk assessment of toxic metals in a coastal ecosystem by using a receptor model and Monte Carlo simulation. <i>Journal of Hazardous Materials</i> , 2022, 424, 127482.	12.4	43
7	Microbial community structure and metabolic potential in the coastal sediments around the Yellow River Estuary. <i>Science of the Total Environment</i> , 2022, 816, 151582.	8.0	6
8	Quantitative source identification and environmental assessment of trace elements in the water and sediment of rivers flowing into Laizhou Bay, Bohai Sea. <i>Marine Pollution Bulletin</i> , 2022, 174, 113313.	5.0	5
9	Insights into the spatiotemporal occurrence and mixture risk assessment of household and personal care products in the waters from rivers to Laizhou Bay, southern Bohai Sea. <i>Science of the Total Environment</i> , 2022, 810, 152290.	8.0	15
10	Organophosphate esters in surface waters of Shandong Peninsula in eastern China: Levels, profile, source, spatial distribution, and partitioning. <i>Environmental Pollution</i> , 2022, 297, 118792.	7.5	19
11	Insight into the Sb(III) and Sb(V) removal mechanisms on porous Fe-Ti-chitosan composite: Experiment and DFT calculations. <i>Chemical Engineering Journal</i> , 2022, 432, 134420.	12.7	7
12	Efficient catalyst prepared from water treatment residuals and industrial glucose using hydrothermal treatment: Preparation, characterization and its catalytic performance for activating peroxymonosulfate to degrade imidacloprid. <i>Chemosphere</i> , 2022, 290, 133326.	8.2	12
13	Oxidation and adsorption of Sb(III) in the presence of iron (hydr)oxides and dissolved Mn(II). <i>Chemical Geology</i> , 2022, 591, 120725.	3.3	4
14	Historical records of trace metals in two sediment cores of Jiaozhou Bay, north China. <i>Marine Pollution Bulletin</i> , 2022, 175, 113400.	5.0	5
15	Interactions of antimony with biomolecules and its effects on human health. <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113317.	6.0	25
16	Deep insight into the Sb(III) and Sb(V) removal mechanism by Fe-Cu-chitosan material. <i>Environmental Pollution</i> , 2022, 303, 119160.	7.5	5
17	Simultaneous stabilization of Sb and As co-contaminated soil by Fe Mg modified biochar. <i>Science of the Total Environment</i> , 2022, 830, 154831.	8.0	19
18	Adsorption behavior and surface complexation modeling of oxygen anion Sb(V) adsorption on goethite. <i>Science of the Total Environment</i> , 2022, 833, 155284.	8.0	15

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19	Distribution, partitioning, and health risk assessment of organophosphate esters in a major tributary of middle Yangtze River using Monte Carlo simulation. <i>Water Research</i> , 2022, 219, 118559.	11.3	28
20	Horizontal planetary mechanochemical method for rapid and efficient remediation of high-concentration lindane-contaminated soils in an alkaline environment. <i>Journal of Hazardous Materials</i> , 2022, 436, 129078.	12.4	6
21	Substance flow analysis and environmental release of antimony in the life cycle of polyethylene terephthalate products. <i>Journal of Cleaner Production</i> , 2021, 291, 125252.	9.3	11
22	Dynamic flows of polyethylene terephthalate (PET) plastic in China. <i>Waste Management</i> , 2021, 124, 273-282.	7.4	49
23	Sorption dynamics, geochemical fraction and driving factors in phosphorus transport at large basin scale. <i>Journal of Cleaner Production</i> , 2021, 294, 126111.	9.3	6
24	Higher Fine Particle Fraction in Sediment Increased Phosphorus Flux to Estuary in Restored Yellow River Basin. <i>Environmental Science & Technology</i> , 2021, 55, 6783-6790.	10.0	25
25	Influence of atmospheric surface oxidation on the formation of H ₂ O ₂ and [•] OH at pyrite-water interface: Mechanism and kinetic model. <i>Chemical Geology</i> , 2021, 571, 120176.	3.3	14
26	Assessment of cadmium pollution and subsequent ecological and health risks in Jiaozhou Bay of the Yellow Sea. <i>Science of the Total Environment</i> , 2021, 774, 145016.	8.0	25
27	Dynamic flow and pollution of antimony from polyethylene terephthalate (PET) fibers in China. <i>Science of the Total Environment</i> , 2021, 771, 144643.	8.0	39
28	Efficient removal of acetochlor pesticide from water using magnetic activated carbon: Adsorption performance, mechanism, and regeneration exploration. <i>Science of the Total Environment</i> , 2021, 778, 146353.	8.0	57
29	Distribution, sources, and ecological risks of potentially toxic elements in the Laizhou Bay, Bohai Sea: Under the long-term impact of the Yellow River input. <i>Journal of Hazardous Materials</i> , 2021, 413, 125429.	12.4	52
30	Baseline, enrichment, and ecological risk of arsenic and antimony in the Jiaozhou Bay, a semi-enclosed bay of the Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2021, 168, 112431.	5.0	6
31	Quantify phosphorus transport distinction of different reaches to estuary under long-term anthropogenic perturbation. <i>Science of the Total Environment</i> , 2021, 780, 146647.	8.0	16
32	Synergetic loss of heavy metal and phosphorus: Evidence from geochemical fraction and estuary sedimentation. <i>Journal of Hazardous Materials</i> , 2021, 416, 125710.	12.4	7
33	Antimonite oxidation and adsorption onto two tunnel-structured manganese oxides: Implications for antimony mobility. <i>Chemical Geology</i> , 2021, 579, 120336.	3.3	20
34	Occurrence, spatiotemporal distribution, and ecological risks of organophosphate esters in the water of the Yellow River to the Laizhou Bay, Bohai Sea. <i>Science of the Total Environment</i> , 2021, 787, 147528.	8.0	48
35	Trophic transfer and dietary exposure risk of mercury in aquatic organisms from urbanized coastal ecosystems. <i>Chemosphere</i> , 2021, 281, 130836.	8.2	20
36	Endocrine-disrupting chemicals in a typical urbanized bay of Yellow Sea, China: Distribution, risk assessment, and identification of priority pollutants. <i>Environmental Pollution</i> , 2021, 287, 117588.	7.5	29

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37	Activation of peroxymonosulfate by WTRs-based iron-carbon composites for atrazine removal: Performance evaluation, mechanism insight and byproduct analysis. <i>Chemical Engineering Journal</i> , 2021, 421, 127811.	12.7	30
38	Effects of antimony (III/IV) on microbial activities and bacterial community structure in soil. <i>Science of the Total Environment</i> , 2021, 789, 148073.	8.0	31
39	Seasonal occurrence, allocation and ecological risk of organophosphate esters in a typical urbanized semi-closed bay. <i>Environmental Pollution</i> , 2021, 290, 118074.	7.5	14
40	Degradation of simazine by heat-activated peroxydisulfate process: A coherent study on kinetics, radicals and models. <i>Chemical Engineering Journal</i> , 2021, 426, 131876.	12.7	31
41	Toxicity and bioavailability of antimony to the earthworm (<i>Eisenia fetida</i>) in different agricultural soils. <i>Environmental Pollution</i> , 2021, 291, 118215.	7.5	17
42	Vanadium pollution and health risks in marine ecosystems: Anthropogenic sources over natural contributions. <i>Water Research</i> , 2021, 207, 117838.	11.3	22
43	Catalytic oxidation of contaminants by FeO activated peroxymonosulfate process: Fe(IV) involvement, degradation intermediates and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2020, 382, 123013.	12.7	103
44	Occurrence, migration, and allocation of arsenic in multiple media of a typical semi-enclosed bay. <i>Journal of Hazardous Materials</i> , 2020, 384, 121313.	12.4	39
45	Simultaneous electrochemical determination of Sb(III) and Sb(V) in Water samples: Deposition potential differences and Sb(III) photooxidation characteristics. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127454.	7.8	10
46	A review of removal technology for antimony in aqueous solution. <i>Journal of Environmental Sciences</i> , 2020, 90, 189-204.	6.1	102
47	Estrogens in municipal wastewater and receiving waters in the Beijing-Tianjin-Hebei region, China: Occurrence and risk assessment of mixtures. <i>Journal of Hazardous Materials</i> , 2020, 389, 121891.	12.4	59
48	Toxicity and bioavailability of antimony in edible amaranth (<i>Amaranthus tricolor</i> Linn.) cultivated in two agricultural soil types. <i>Environmental Pollution</i> , 2020, 257, 113642.	7.5	36
49	Comparison of the reaction kinetics and mechanisms of Sb(III) oxidation by reactive oxygen species from pristine and surface-oxidized pyrite. <i>Chemical Geology</i> , 2020, 552, 119790.	3.3	18
50	Trophodynamics of arsenic for different species in coastal regions of the Northwest Pacific Ocean: In situ evidence and a meta-analysis. <i>Water Research</i> , 2020, 184, 116186.	11.3	15
51	Occurrence, spatiotemporal variation, and ecological risk of antibiotics in the water of the semi-enclosed urbanized Jiaozhou Bay in eastern China. <i>Water Research</i> , 2020, 184, 116187.	11.3	83
52	Distribution, source, and ecological risks of polycyclic aromatic hydrocarbons in Lake Qinghai, China. <i>Environmental Pollution</i> , 2020, 266, 115401.	7.5	28
53	Mechanochemical treatment with CaO-activated PDS of HCB contaminated soils. <i>Chemosphere</i> , 2020, 257, 127207.	8.2	17
54	Spatiotemporal distribution, source, and ecological risk of polycyclic aromatic hydrocarbons (PAHs) in the urbanized semi-enclosed Jiaozhou Bay, China. <i>Science of the Total Environment</i> , 2020, 717, 137224.	8.0	47

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55	Occurrence and risk assessment of total mercury and methylmercury in surface seawater and sediments from the Jiaozhou Bay, Yellow Sea. <i>Science of the Total Environment</i> , 2020, 714, 136539.	8.0	20
56	Influence of Fe(II) on Sb(III) oxidation and adsorption by MnO ₂ under acidic conditions. <i>Science of the Total Environment</i> , 2020, 724, 138209.	8.0	16
57	Activation of peroxymonosulfate using drinking water treatment residuals modified by hydrothermal treatment for imidacloprid degradation. <i>Chemosphere</i> , 2020, 254, 126820.	8.2	27
58	Influences of Particles and Aquatic Colloids on the Oxidation of Sb(III) in Natural Water. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 661-671.	2.7	17
59	Mechanism of birnessite-promoted oxidative dissolution of antimony trioxide. <i>Environmental Chemistry</i> , 2020, 17, 345.	1.5	8
60	Foreword to the Special Issue on 'Antimony in the Environment: A Chinese Perspective'. <i>Environmental Chemistry</i> , 2020, 17, 303.	1.5	3
61	Antimony speciation in the environment: Recent advances in understanding the biogeochemical processes and ecological effects. <i>Journal of Environmental Sciences</i> , 2019, 75, 14-39.	6.1	310
62	Insight into removal of dissolved organic matter in post pharmaceutical wastewater by coagulation-UV/H ₂ O ₂ . <i>Journal of Environmental Sciences</i> , 2019, 76, 329-338.	6.1	24
63	Concentrations, fluxes, and potential sources of nitrogen and phosphorus species in atmospheric wet deposition of the Lake Qinghai Watershed, China. <i>Science of the Total Environment</i> , 2019, 682, 523-531.	8.0	24
64	Spatial and seasonal variations of antibiotics in river waters in the Haihe River Catchment in China and ecotoxicological risk assessment. <i>Environment International</i> , 2019, 130, 104919.	10.0	104
65	Anthropogenic and lithogenic fluxes of atmospheric lead deposition over the past 3600 years from a peat bog, Changbai Mountains, China. <i>Chemosphere</i> , 2019, 227, 225-236.	8.2	8
66	Anthropogenic antimony flow analysis and evaluation in China. <i>Science of the Total Environment</i> , 2019, 683, 659-667.	8.0	31
67	Persulfate-based advanced oxidation processes (AOPs) for organic-contaminated soil remediation: A review. <i>Chemical Engineering Journal</i> , 2019, 372, 836-851.	12.7	435
68	Uptake, translocation and phytotoxicity of antimonite in wheat (<i>Triticum aestivum</i>). <i>Science of the Total Environment</i> , 2019, 669, 421-430.	8.0	34
69	Responses of soil fungal and archaeal communities to environmental factors in an ongoing antimony mine area. <i>Science of the Total Environment</i> , 2019, 652, 1030-1039.	8.0	33
70	Activation of peroxymonosulfate by magnetic catalysts derived from drinking water treatment residuals for the degradation of atrazine. <i>Journal of Hazardous Materials</i> , 2019, 366, 402-412.	12.4	54
71	Bacterial community profile of contaminated soils in a typical antimony mining site. <i>Environmental Science and Pollution Research</i> , 2018, 25, 141-152.	5.3	41
72	Effect of organic matter on mobilization of antimony from nanocrystalline titanium dioxide. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 1515-1521.	2.2	15

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73	Calculation and application of Sb toxicity coefficient for potential ecological risk assessment. <i>Science of the Total Environment</i> , 2018, 610-611, 167-174.	8.0	112
74	Changes in fertilizer categories significantly altered the estimates of ammonia volatilizations induced from increased synthetic fertilizer application to Chinese rice fields. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 112-122.	5.3	24
75	Comparison of diffusive gradients in thin-films (DGT) and chemical extraction methods for predicting bioavailability of antimony and arsenic to maize. <i>Geoderma</i> , 2018, 332, 1-9.	5.1	42
76	Heavy metal loss from agricultural watershed to aquatic system: A scientometrics review. <i>Science of the Total Environment</i> , 2018, 637-638, 208-220.	8.0	178
77	Transcriptomic Profiles in Zebrafish Liver Permit the Discrimination of Surface Water with Pollution Gradient and Different Discharges. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1648.	2.6	9
78	The leaching characteristics and changes in the leached layer of antimony-bearing ores from China. <i>Journal of Geochemical Exploration</i> , 2017, 176, 76-84.	3.2	50
79	Organic ligand-induced dissolution kinetics of antimony trioxide. <i>Journal of Environmental Sciences</i> , 2017, 56, 87-94.	6.1	27
80	Distribution and Speciation of Selenium, Antimony, and Arsenic in Soils and Sediments Around the Area of Xikuangshan (China). <i>Clean - Soil, Air, Water</i> , 2016, 44, 1538-1546.	1.1	24
81	Rapid photooxidation of Sb(III) in the presence of different Fe(III) species. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 214-226.	3.9	63
82	Mechanisms of Sb(III) Photooxidation by the Excitation of Organic Fe(III) Complexes. <i>Environmental Science & Technology</i> , 2016, 50, 6974-6982.	10.0	63
83	pH-dependent release characteristics of antimony and arsenic from typical antimony-bearing ores. <i>Journal of Environmental Sciences</i> , 2016, 44, 171-179.	6.1	61
84	Adsorption of antimony on kaolinite as a function of time, pH, HA and competitive anions. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	30
85	Adsorption of methylantimony and methylarsenic on soils, sediments, and mine tailings from antimony mine area. <i>Microchemical Journal</i> , 2015, 123, 158-163.	4.5	19
86	Spatial-temporal characteristics of phosphorus in non-point source pollution with grid-based export coefficient model and geographical information system. <i>Water Science and Technology</i> , 2015, 71, 1709-1717.	2.5	15
87	Antimony leaching release from brake pads: Effect of pH, temperature and organic acids. <i>Journal of Environmental Sciences</i> , 2015, 29, 11-17.	6.1	30
88	Concentration and speciation of antimony and arsenic in soil profiles around the world's largest antimony metallurgical area in China. <i>Environmental Geochemistry and Health</i> , 2015, 37, 21-33.	3.4	65
89	Mechanisms of Sb(III) Oxidation by Pyrite-Induced Hydroxyl Radicals and Hydrogen Peroxide. <i>Environmental Science & Technology</i> , 2015, 49, 3499-3505.	10.0	144
90	The measurement of metals by diffusive gradients in thin films (DGT) at sediment/water interface (SWI) of bay and remobilization assessment. <i>Environmental Earth Sciences</i> , 2015, 73, 6283-6295.	2.7	19

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91	A bibliometric analysis of global research progress on pharmaceutical wastewater treatment during 1994–2013. <i>Environmental Earth Sciences</i> , 2015, 73, 4995-5005.	2.7	31
92	Photopromoted oxidative dissolution of stibnite. <i>Applied Geochemistry</i> , 2015, 61, 53-61.	3.0	44
93	Ecological status classification of the Taizi River Basin, China: a comparison of integrated risk assessment approaches. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14738-14754.	5.3	16
94	Thermodynamic Assessment of Effects of Solution Conditions on Precipitation and Recovery of Phosphorus from Wastewater. <i>Environmental Engineering Science</i> , 2015, 32, 574-581.	1.6	5
95	Speciation of Antimony in Soils and Sediments by Liquid Chromatography–Hydride Generation–Atomic Fluorescence Spectrometry. <i>Analytical Letters</i> , 2015, 48, 1941-1953.	1.8	8
96	Element remobilization, internal P-loading, and sediment-P reactivity researched by DGT (diffusive) Tj ETQq0,0,0 rgBT /Overlock 1	5.3	30
97	The assessment of localized remobilization and geochemical process of 14 metals at sediment/water interface (SWI) of Yingkou coast (China) by diffusive gradients in thin films (DGT). <i>Environmental Earth Sciences</i> , 2015, 73, 6081-6090.	2.7	10
98	Comparison of masking agents for antimony speciation analysis using hydride generation atomic fluorescence spectrometry. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 970-978.	6.0	10
99	Kinetics and Mechanism of Photopromoted Oxidative Dissolution of Antimony Trioxide. <i>Environmental Science & Technology</i> , 2014, 48, 14266-14272.	10.0	53
100	Adsorption of Antimony on Sediments from Typical Water Systems in China: A Comparison of Sb(III) and Sb(V) Pattern. <i>Soil and Sediment Contamination</i> , 2014, 23, 37-48.	1.9	11
101	Antimony adsorption on kaolinite in the presence of competitive anions. <i>Environmental Earth Sciences</i> , 2014, 71, 2989-2997.	2.7	25
102	Antimony smelting process generating solid wastes and dust: Characterization and leaching behaviors. <i>Journal of Environmental Sciences</i> , 2014, 26, 1549-1556.	6.1	87
103	A Comprehensive Global Inventory of Atmospheric Antimony Emissions from Anthropogenic Activities, 1995–2010. <i>Environmental Science & Technology</i> , 2014, 48, 10235-10241.	10.0	87
104	Distributions of polychlorinated biphenyls in the Daliao River estuary of Liaodong Bay, Bohai Sea (China). <i>Marine Pollution Bulletin</i> , 2014, 78, 77-84.	5.0	31
105	Adsorption of antimony onto iron oxyhydroxides: Adsorption behavior and surface structure. <i>Journal of Hazardous Materials</i> , 2014, 276, 339-345.	12.4	292
106	High-resolution profiles of iron, manganese, cobalt, cadmium, copper and zinc in the pore water of estuarine sediment. <i>International Journal of Environmental Science and Technology</i> , 2013, 10, 275-282.	3.5	4
107	Distribution of rare earth elements in the estuarine and coastal sediments of the Daliao River System, China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 627-634.	1.5	10
108	Distribution and contamination assessment of toxic trace elements in sediment of the Daliao River System, China. <i>Environmental Earth Sciences</i> , 2013, 70, 3163-3173.	2.7	24

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109	The distribution, sources and toxicity risks of polycyclic aromatic hydrocarbons and n-alkanes in riverine and estuarine core sediments from the Daliao River watershed. <i>Environmental Earth Sciences</i> , 2013, 68, 2015-2024.	2.7	12
110	Geochemical baseline and distribution of cobalt, manganese, and vanadium in the Liao River Watershed sediments of China. <i>Geosciences Journal</i> , 2013, 17, 455-464.	1.2	17
111	Effect of dissolved organic matter on sorption and desorption of phenanthrene onto black carbon. <i>Journal of Environmental Sciences</i> , 2013, 25, 2378-2383.	6.1	23
112	Adsorption of antimony(III) on goethite in the presence of competitive anions. <i>Journal of Geochemical Exploration</i> , 2013, 132, 201-208.	3.2	71
113	Background, baseline, normalization, and contamination of heavy metals in the Liao River Watershed sediments of China. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 87-94.	2.3	68
114	Geochemical baseline level and function and contamination of phosphorus in Liao River Watershed sediments of China. <i>Journal of Environmental Management</i> , 2013, 128, 138-143.	7.8	11
115	Contamination and ecological risk assessment of toxic trace elements in the Xi River, an urban river of Shenyang city, China. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4321-4332.	2.7	35
116	Arsenic Distribution and Adsorption Behavior in the Sediments of the Daliao River System in China. <i>Water Environment Research</i> , 2013, 85, 687-695.	2.7	5
117	Removal of Sb(III) and Sb(V) from aqueous media by goethite. <i>Water Quality Research Journal of Canada</i> , 2013, 48, 223-231.	2.7	24
118	Contents, Enrichment, Toxicity and Baselines of trace elements in the estuarine and coastal sediments of the Daliao River System, China. <i>Geochemical Journal</i> , 2012, 46, 371-380.	1.0	29
119	Environmental impacts of heavy metals (Co, Cu, Pb, Zn) in surficial sediments of estuary in Daliao River and Yingkou Bay (northeast China): concentration level and chemical fraction. <i>Environmental Earth Sciences</i> , 2012, 66, 2417-2430.	2.7	25
120	Anthropogenic Atmospheric Emissions of Antimony and Its Spatial Distribution Characteristics in China. <i>Environmental Science & Technology</i> , 2012, 46, 3973-3980.	10.0	74
121	Content, enrichment, and regional geochemical baseline of antimony in the estuarine sediment of the Daliao river system in China. <i>Chemie Der Erde</i> , 2012, 72, 23-28.	2.0	24
122	Antimony(III) oxidation and antimony(V) adsorption reactions on synthetic manganite. <i>Chemie Der Erde</i> , 2012, 72, 41-47.	2.0	104
123	Behavior of stabilized multiwalled carbon nanotubes in a FeCl ₃ coagulation system and the structure characteristics of the produced flocs. <i>Journal of Colloid and Interface Science</i> , 2012, 366, 173-178.	9.4	8
124	Antimony pollution in China. <i>Science of the Total Environment</i> , 2012, 421-422, 41-50.	8.0	466
125	Effects of different sediment fractions on sorption of galaxolide. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 59-65.	6.0	5
126	Chemical forms and ecological risk of arsenic in the sediment of the Daliao River System in China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2237-2245.	2.7	11

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127	Antimony distribution and mobility in rivers around the world's largest antimony mine of Xikuangshan, Hunan Province, China. <i>Microchemical Journal</i> , 2011, 97, 4-11.	4.5	202
128	Effect of Surfactants on Sorption and Desorption of Phenanthrene onto Black Carbon. <i>Water Environment Research</i> , 2011, 83, 15-22.	2.7	10
129	In situ measurements of concentrations of Cd, Co, Fe and Mn in estuarine porewater using DGT. <i>Environmental Pollution</i> , 2011, 159, 1123-1128.	7.5	40
130	Temporal and spatial distribution of atmospheric antimony emission inventories from coal combustion in China. <i>Environmental Pollution</i> , 2011, 159, 1613-1619.	7.5	46
131	Determination of o-phthalic acid in snow and its photochemical degradation by capillary gas chromatography coupled with flame ionization and mass spectrometric detection. <i>Chemosphere</i> , 2011, 83, 1014-1019.	8.2	14
132	Influence of combined pollution of antimony and arsenic on culturable soil microbial populations and enzyme activities. <i>Ecotoxicology</i> , 2011, 20, 9-19.	2.4	62
133	Distribution patterns of nitroaromatic compounds in the water, suspended particle and sediment of the river in a long-term industrial zone (China). <i>Environmental Monitoring and Assessment</i> , 2011, 177, 515-526.	2.7	10
134	Characteristics of petroleum hydrocarbons in surficial sediments from the Songhuajiang River (China): spatial and temporal trends. <i>Environmental Monitoring and Assessment</i> , 2011, 179, 81-92.	2.7	19
135	Distribution and speciation of four heavy metals (Cd, Cr, Mn and Ni) in the surficial sediments from estuary in Daliao river and Yingkou bay. <i>Environmental Earth Sciences</i> , 2011, 63, 163-175.	2.7	39
136	Adsorption of antimony(III) and antimony(V) on bentonite: Kinetics, thermodynamics and anion competition. <i>Microchemical Journal</i> , 2011, 97, 85-91.	4.5	195
137	Aliphatic and polycyclic aromatic hydrocarbons in the Xihe River, an urban river in China's Shenyang City: Distribution and risk assessment. <i>Journal of Hazardous Materials</i> , 2011, 186, 1193-1199.	12.4	74
138	Norfloxacin Sorption to Different Fractions in Sediments from Typical Water Systems in China. <i>Soil and Sediment Contamination</i> , 2011, 20, 564-580.	1.9	4
139	Occurrence of Aliphatic Hydrocarbons in Water, Suspended Particulate Matter and Sediments of Daliao River System, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 519-523.	2.7	7
140	Phosphorus content and fractionation of phosphate in the surface sediments of the Daliao river system in China. <i>Environmental Earth Sciences</i> , 2010, 59, 1349-1357.	2.7	9
141	Adsorption of antimony(V) on kaolinite as a function of pH, ionic strength and humic acid. <i>Environmental Earth Sciences</i> , 2010, 60, 715-722.	2.7	97
142	Description of microbial community structure of sediments from the Daliao River water system and its estuary (NE China) by application of fluorescence in situ hybridization. <i>Environmental Earth Sciences</i> , 2010, 61, 1725-1734.	2.7	10
143	Heavy metal pollution of the world largest antimony mine-affected agricultural soils in Hunan province (China). <i>Journal of Soils and Sediments</i> , 2010, 10, 827-837.	3.0	166
144	Phenanthrene sorption to humic acids, humin, and black carbon in sediments from typical water systems in China. <i>Environmental Monitoring and Assessment</i> , 2010, 166, 445-459.	2.7	9

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