

Xinghui Xia

List of Publications by Year in descending order

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183
papers

8,549
citations

39113

52
h-index

64407

83
g-index

183
all docs

183
docs citations

183
times ranked

9054
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation of graphene oxide and its environmental implications in the aquatic environment. Chinese Chemical Letters, 2023, 34, 107327.	4.8	15
2	Nitrogen addition facilitates phytoremediation of PAH-Cd cocontaminated dumpsite soil by altering alfalfa growth and rhizosphere communities. Science of the Total Environment, 2022, 806, 150610.	3.9	11
3	Source-specific risk apportionment and critical risk source identification of antibiotic resistance in Fenhe River basin, China. Chemosphere, 2022, 287, 131997.	4.2	6
4	Effects of multiple global change factors on soil microbial richness, diversity and functional gene abundances: A meta-analysis. Science of the Total Environment, 2022, 815, 152737.	3.9	21
5	Warming-induced greenhouse gas fluxes from global croplands modified by agricultural practices: A meta-analysis. Science of the Total Environment, 2022, 820, 153288.	3.9	21
6	The inhibitory effects of sunlight on nitrogen removal in riverine overlying water with suspended particles. Chemosphere, 2022, 295, 133941.	4.2	3
7	Soil PAH concentrations decrease in china in response to the adjustment of the energy structure during the past two decades. Engineering, 2022, , .	3.2	2
8	Unexpectedly minor nitrous oxide emissions from fluvial networks draining permafrost catchments of the East Qinghai-Tibet Plateau. Nature Communications, 2022, 13, 950.	5.8	15
9	The importance of hydrology in routing terrestrial carbon to the atmosphere via global streams and rivers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2106322119.	3.3	48
10	In-Tube Passive Dosing of Hydrophobic Organic Chemicals: Controlling Freely Dissolved Concentrations in Flow-Through and Large-Volume Experiments. Environmental Science and Technology Letters, 2022, 9, 339-344.	3.9	1
11	Urban development enhances soil organic carbon storage through increasing urban vegetation. Journal of Environmental Management, 2022, 312, 114922.	3.8	18
12	Soil organic carbon changes in city areas of China over the past three decades: Implications for achieving carbon neutrality. Engineering, 2022, , .	3.2	0
13	Biogeographic Patterns and Elevational Differentiation of Sedimentary Bacterial Communities across River Systems in China. Applied and Environmental Microbiology, 2022, 88, .	1.4	2
14	The Dominant Role of the Water Column in Nitrogen Removal and N ₂ O Emissions in Large Rivers. Geophysical Research Letters, 2022, 49, .	1.5	9
15	Intense methane ebullition from urban inland waters and its significant contribution to greenhouse gas emissions. Water Research, 2021, 189, 116654.	5.3	55
16	Groundwater as a limited carbon dioxide source in a large river (the Yangtze River). Science of the Total Environment, 2021, 760, 143336.	3.9	8
17	Linkages between anammox and denitrifying bacterial communities and nitrogen loss rates in high-elevation rivers. Limnology and Oceanography, 2021, 66, 765-778.	1.6	17
18	Contribution of Dietary Uptake to PAH Bioaccumulation in a Simplified Pelagic Food Chain: Modeling the Influences of Continuous vs Intermittent Feeding in Zooplankton and Fish. Environmental Science & Technology, 2021, 55, 1930-1940.	4.6	26

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19	Can the hydrophobic organic contaminants in the filtrate passing through 0.45µm filter membranes reflect the water quality?. <i>Science of the Total Environment</i> , 2021, 752, 141916.	3.9	12
20	Nitrogen loss from a turbid river network based on N ₂ and N ₂ O fluxes: Importance of suspended sediment. <i>Science of the Total Environment</i> , 2021, 757, 143918.	3.9	13
21	Distinctive Patterns and Controls of Nitrous Oxide Concentrations and Fluxes from Urban Inland Waters. <i>Environmental Science & Technology</i> , 2021, 55, 8422-8431.	4.6	26
22	Ionic-strength-dependent effect of suspended sediment on the aggregation, dissolution and settling of silver nanoparticles. <i>Environmental Pollution</i> , 2021, 279, 116926.	3.7	29
23	Anaerobic ammonium oxidation (anammox) is the main microbial N loss pathway in alpine wetland soils of the Qinghai-Tibet Plateau. <i>Science of the Total Environment</i> , 2021, 787, 147714.	3.9	11
24	Transport and fate of antibiotics in a typical aqua-agricultural catchment explained by rainfall events: Implications for catchment management. <i>Journal of Environmental Management</i> , 2021, 293, 112953.	3.8	13
25	Silver nanoparticles in aquatic sediments: Occurrence, chemical transformations, toxicity, and analytical methods. <i>Journal of Hazardous Materials</i> , 2021, 418, 126368.	6.5	42
26	Low diffusive nitrogen loss of urban inland waters with high nitrogen loading. <i>Science of the Total Environment</i> , 2021, 789, 148023.	3.9	6
27	Bioavailability quantification and uptake mechanisms of pyrene associated with different-sized microplastics to <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2021, 797, 149201.	3.9	16
28	Enrichment differences and source apportionment of nutrients, stable isotopes, and trace metal elements in sediments of complex and fragmented wetland systems. <i>Environmental Pollution</i> , 2021, 289, 117852.	3.7	12
29	A Declining Trend in China's Future Cropland-N ₂ O Emissions Due to Reduced Cropland Area. <i>Environmental Science & Technology</i> , 2021, 55, 14546-14555.	4.6	9
30	Elevated Temperatures Decrease the Photodegradation Rate of Pyrethroid Insecticides on Spinach Leaves: Implications for the Effect of Climate Warming. <i>Environmental Science & Technology</i> , 2021, 55, 1167-1177.	4.6	16
31	Rapid and long-effective removal of phosphate from water by zero-valent iron in combination with hypochlorite (ZVI/NaClO). <i>Chemical Engineering Journal</i> , 2020, 382, 122835.	6.6	29
32	Effect of suspended particles with different grain sizes on the bioaccumulation of PAHs by zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2020, 242, 125299.	4.2	8
33	Multicompartmental Toxicokinetic Modeling of Discrete Dietary and Continuous Waterborne Uptake of Two Polycyclic Aromatic Hydrocarbons by Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2020, 54, 1054-1065.	4.6	16
34	Source identification of suspended and deposited organic matter in an alpine river with elemental, stable isotopic, and molecular proxies. <i>Journal of Hydrology</i> , 2020, 590, 125492.	2.3	11
35	Both microbial abundance and community composition mattered for N ₂ production rates of the overlying water in one high-elevation river. <i>Environmental Research</i> , 2020, 189, 109933.	3.7	10
36	Elevated temperature enhances the bioavailability of pyrene to <i>Daphnia magna</i> in the presence of dissolved organic matter: Implications for the effect of climate warming. <i>Environmental Pollution</i> , 2020, 266, 115349.	3.7	6

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37	UV-induced aggregation of polystyrene nanoplastics: effects of radicals, surface functional groups and electrolyte. <i>Environmental Science: Nano</i> , 2020, 7, 3914-3926.	2.2	57
38	Sequence-based statistical downscaling and its application to hydrologic simulations based on machine learning and big data. <i>Journal of Hydrology</i> , 2020, 586, 124875.	2.3	26
39	Significant methane ebullition from alpine permafrost rivers on the East Qinghai-Tibet Plateau. <i>Nature Geoscience</i> , 2020, 13, 349-354.	5.4	85
40	Cation-Interactions with Coexisting Heavy Metals Enhanced the Uptake and Accumulation of Polycyclic Aromatic Hydrocarbons in Spinach. <i>Environmental Science & Technology</i> , 2020, 54, 7261-7270.	4.6	22
41	Climate-zone-dependent effect mechanism of humic acid and fulvic acid extracted from river sediments on aggregation behavior of graphene oxide. <i>Science of the Total Environment</i> , 2020, 721, 137682.	3.9	31
42	Ammonia oxidizers in river sediments of the Qinghai-Tibet Plateau and their adaptations to high-elevation conditions. <i>Water Research</i> , 2020, 173, 115589.	5.3	44
43	Biochar's stability and effect on the content, composition and turnover of soil organic carbon. <i>Geoderma</i> , 2020, 364, 114184.	2.3	154
44	Application of Hydrochar Altered Soil Microbial Community Composition and the Molecular Structure of Native Soil Organic Carbon in a Paddy Soil. <i>Environmental Science & Technology</i> , 2020, 54, 2715-2725.	4.6	111
45	The combination of warming and copper decreased the uptake of polycyclic aromatic hydrocarbons by spinach and their associated cancer risk. <i>Science of the Total Environment</i> , 2020, 727, 138732.	3.9	8
46	Variations in concentrations and bioavailability of heavy metals in rivers during sediment suspension-deposition event induced by dams: insights from sediment regulation of the Xiaolangdi Reservoir in the Yellow River. <i>Journal of Soils and Sediments</i> , 2019, 19, 403-414.	1.5	22
47	Uptake pathway and accumulation of polycyclic aromatic hydrocarbons in spinach affected by warming in enclosed soil/water-air-plant microcosms. <i>Journal of Hazardous Materials</i> , 2019, 379, 120831.	6.5	24
48	Metabarcoding reveals a more complex cyanobacterial community than morphological identification. <i>Ecological Indicators</i> , 2019, 107, 105653.	2.6	17
49	The Contributions of Climate Changes and Human Activities to Long-Term Variations in Lake Sediments Based on Results from Generalized Additive Models. <i>Water Resources Management</i> , 2019, 33, 1069-1085.	1.9	10
50	Stricter nutrient criteria are required to mitigate the impact of climate change on harmful cyanobacterial blooms. <i>Journal of Hydrology</i> , 2019, 569, 698-704.	2.3	39
51	Occurrence of anammox on suspended sediment (SPS) in oxic river water: Effect of the SPS particle size. <i>Chemosphere</i> , 2019, 235, 40-48.	4.2	16
52	Triple oxygen isotopic evidence for atmospheric nitrate and its application in source identification for river systems in the Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2019, 688, 270-280.	3.9	31
53	Interactions between nano/micro plastics and suspended sediment in water: Implications on aggregation and settling. <i>Water Research</i> , 2019, 161, 486-495.	5.3	204
54	Visible-light-driven photocatalytic disinfection mechanism of Pb-BiFeO ₃ /rGO photocatalyst. <i>Water Research</i> , 2019, 161, 251-261.	5.3	91

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55	Characteristics, sources, and in situ phytoremediation of polycyclic aromatic hydrocarbon in rural dumpsites. <i>Journal of Soils and Sediments</i> , 2019, 19, 3945-3953.	1.5	6
56	Dietary Uptake Patterns Affect Bioaccumulation and Biomagnification of Hydrophobic Organic Compounds in Fish. <i>Environmental Science & Technology</i> , 2019, 53, 4274-4284.	4.6	40
57	Bioconcentration and tissue distribution of shorter and longer chain perfluoroalkyl acids (PFAAs) in zebrafish (<i>Danio rerio</i>): Effects of perfluorinated carbon chain length and zebrafish protein content. <i>Environmental Pollution</i> , 2019, 249, 277-285.	3.7	53
58	Ammonia Oxidizers in High-Elevation Rivers of the Qinghai-Tibet Plateau Display Distinctive Distribution Patterns. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	22
59	Variations in concentrations and bioavailability of heavy metals in rivers caused by water conservancy projects: Insights from water regulation of the Xiaolangdi Reservoir in the Yellow River. <i>Journal of Environmental Sciences</i> , 2018, 74, 79-87.	3.2	26
60	Role of fluoranthene and pyrene associated with suspended particles in their bioaccumulation by zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 89-94.	2.9	16
61	Chemical balance of the Yellow River source region, the northeastern Qinghai-Tibetan Plateau: Insights about critical zone reactivity. <i>Applied Geochemistry</i> , 2018, 90, 1-12.	1.4	28
62	Effects of Chloride Ions on Dissolution, ROS Generation, and Toxicity of Silver Nanoparticles under UV Irradiation. <i>Environmental Science & Technology</i> , 2018, 52, 4842-4849.	4.6	73
63	Attenuation of bacterial cytotoxicity of carbon nanotubes by riverine suspended solids in water. <i>Environmental Pollution</i> , 2018, 234, 581-589.	3.7	11
64	Selenite removal from groundwater by zero-valent iron (ZVI) in combination with oxidants. <i>Chemical Engineering Journal</i> , 2018, 345, 432-440.	6.6	54
65	Relationship between metabolic enzyme activities and bioaccumulation kinetics of PAHs in zebrafish (<i>Danio rerio</i>). <i>Journal of Environmental Sciences</i> , 2018, 65, 43-52.	3.2	21
66	The new concept of water resources management in China: ensuring water security in changing environment. <i>Environment, Development and Sustainability</i> , 2018, 20, 897-909.	2.7	44
67	Quantifying Bioavailability of Pyrene Associated with Dissolved Organic Matter of Various Molecular Weights to <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2018, 52, 644-653.	4.6	52
68	The cycle of nitrogen in river systems: sources, transformation, and flux. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 863-891.	1.7	132
69	Impacts of climate change and land use on the development of nutrient criteria. <i>Journal of Hydrology</i> , 2018, 563, 533-542.	2.3	20
70	Nitrogen removal rates in a frigid high-altitude river estimated by measuring dissolved N ₂ and N ₂ O. <i>Science of the Total Environment</i> , 2018, 645, 318-328.	3.9	25
71	Bioavailability of Pyrene Associated with Different Types of Protein Compounds: Direct Evidence for Its Uptake by <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2018, 52, 9851-9860.	4.6	25
72	Dissolved organic matter affects both bioconcentration kinetics and steady-state concentrations of polycyclic aromatic hydrocarbons in zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2018, 639, 648-656.	3.9	28

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73	Hydrological and geomorphological control on CO ₂ outgassing from low-gradient large rivers: An example of the Yangtze River system. <i>Journal of Hydrology</i> , 2017, 550, 26-41.	2.3	38
74	Coupled Nitrification-Denitrification Caused by Suspended Sediment (SPS) in Rivers: Importance of SPS Size and Composition. <i>Environmental Science & Technology</i> , 2017, 51, 212-221.	4.6	72
75	Single-Cell Real-Time Visualization and Quantification of Perylene Bioaccumulation in Microorganisms. <i>Environmental Science & Technology</i> , 2017, 51, 6211-6219.	4.6	3
76	Potential roles of anaerobic ammonium oxidation (anammox) in overlying water of rivers with suspended sediments. <i>Biogeochemistry</i> , 2017, 132, 237-249.	1.7	21
77	Enhanced nitrogen loss from rivers through coupled nitrification-denitrification caused by suspended sediment. <i>Science of the Total Environment</i> , 2017, 579, 47-59.	3.9	93
78	Long-Chain Perfluoroalkyl acids (PFAAs) Affect the Bioconcentration and Tissue Distribution of Short-Chain PFAAs in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2017, 51, 12358-12368.	4.6	60
79	Assessment of ecological instream flow requirements under climate change <i>Pseudorasbora parva</i> . <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 509-520.	1.8	5
80	Long-term variations in sediment heavy metals of a reservoir with changing trophic states: Implications for the impact of climate change. <i>Science of the Total Environment</i> , 2017, 609, 242-250.	3.9	66
81	Microbial bioavailability of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) in natural sediments from major rivers of China. <i>Chemosphere</i> , 2016, 153, 386-393.	4.2	19
82	Bioconcentration of perfluoroalkyl substances by <i>Chironomus plumosus</i> larvae in water with different types of dissolved organic matters. <i>Environmental Pollution</i> , 2016, 213, 299-307.	3.7	36
83	Importance of suspended sediment (SPS) composition and grain size in the bioavailability of SPS-associated pyrene to <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2016, 214, 440-448.	3.7	17
84	Effect of water-sediment regulation of the Xiaolangdi reservoir on the concentrations, characteristics, and fluxes of suspended sediment and organic carbon in the Yellow River. <i>Science of the Total Environment</i> , 2016, 571, 487-497.	3.9	77
85	Effect of recurrent sediment resuspension-deposition events on bioavailability of polycyclic aromatic hydrocarbons in aquatic environments. <i>Journal of Hydrology</i> , 2016, 540, 934-946.	2.3	41
86	Dynamic biogeochemical controls on river pCO ₂ and recent changes under aggravating river impoundment: An example of the subtropical Yangtze River. <i>Global Biogeochemical Cycles</i> , 2016, 30, 880-897.	1.9	55
87	Effects of carbonaceous materials on microbial bioavailability of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) in sediments. <i>Journal of Hazardous Materials</i> , 2016, 312, 216-223.	6.5	27
88	Short- and long-chain perfluoroalkyl substances in the water, suspended particulate matter, and surface sediment of a turbid river. <i>Science of the Total Environment</i> , 2016, 568, 57-65.	3.9	161
89	Impact of climate change on regional irrigation water demand in Baojixia irrigation district of China. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 233-247.	1.0	46
90	Effect of particle size and composition of suspended sediment on denitrification in river water. <i>Science of the Total Environment</i> , 2016, 541, 934-940.	3.9	68

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91	Role of ingestion route in the perfluoroalkyl substance bioaccumulation by <i>Chironomus plumosus</i> larvae in sediments amended with carbonaceous materials. <i>Journal of Hazardous Materials</i> , 2016, 302, 404-414.	6.5	15
92	Equilibrium State of PAHs in Bottom Sediment-Water-Suspended Sediment System of a Large River Considering Freely Dissolved Concentrations. <i>Journal of Environmental Quality</i> , 2015, 44, 823-832.	1.0	17
93	Effect of water's sediment regulation of the Xiaolangdi Reservoir on the concentrations, bioavailability, and fluxes of PAHs in the middle and lower reaches of the Yellow River. <i>Journal of Hydrology</i> , 2015, 527, 101-112.	2.3	54
94	Response of PAH-degrading genes to PAH bioavailability in the overlying water, suspended sediment, and deposited sediment of the Yangtze River. <i>Chemosphere</i> , 2015, 128, 236-244.	4.2	33
95	Comparing humic substance and protein compound effects on the bioaccumulation of perfluoroalkyl substances by <i>Daphnia magna</i> in water. <i>Chemosphere</i> , 2015, 119, 978-986.	4.2	60
96	Metal/metalloid elements and polycyclic aromatic hydrocarbon in various biochars: The effect of feedstock, temperature, minerals, and properties. <i>Environmental Pollution</i> , 2015, 206, 298-305.	3.7	46
97	Inhibition effect of Na ⁺ and Ca ²⁺ on the bioaccumulation of perfluoroalkyl substances by <i>Daphnia magna</i> in the presence of protein. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 429-436.	2.2	15
98	Bioavailability of Pyrene Associated with Suspended Sediment of Different Grain Sizes to <i>Daphnia magna</i> as Investigated by Passive Dosing Devices. <i>Environmental Science & Technology</i> , 2015, 49, 10127-10135.	4.6	59
99	Common oxidants activate the reactivity of zero-valent iron (ZVI) and hence remarkably enhance nitrate reduction from water. <i>Separation and Purification Technology</i> , 2015, 146, 227-234.	3.9	91
100	Analyzing the contribution of climate change to long-term variations in sediment nitrogen sources for reservoirs/lakes. <i>Science of the Total Environment</i> , 2015, 523, 64-73.	3.9	32
101	How Does Predation Affect the Bioaccumulation of Hydrophobic Organic Compounds in Aquatic Organisms?. <i>Environmental Science & Technology</i> , 2015, 49, 4911-4920.	4.6	48
102	Potential impact of climate change on future water demand in Yulin city, Northwest China. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1-19.	1.0	29
103	Historic water consumptions and future management strategies for Haihe River basin of Northern China. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 371-387.	1.0	40
104	Potential Impacts of Climate Change on the Water Quality of Different Water Bodies. <i>Journal of Environmental Informatics</i> , 2015, 25, 85-98.	6.0	50
105	Comprehensive evaluation of water resources security in the Yellow River basin based on a fuzzy multi-attribute decision analysis approach. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 1605-1623.	1.9	29
106	Characteristics of bacterial community in the water and surface sediment of the Yellow River, China, the largest turbid river in the world. <i>Journal of Soils and Sediments</i> , 2014, 14, 1894-1904.	1.5	59
107	Effects of changes in climatic variables on maize crop water requirements in Huang-Huai-Hai watersheds, China. <i>Journal of Water and Climate Change</i> , 2014, 5, 176-191.	1.2	0
108	Influence of carbon nanotubes with preloaded and coexisting dissolved organic matter on the bioaccumulation of polycyclic aromatic hydrocarbons to <i>Chironomus plumosus</i> larvae in sediment. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 182-189.	2.2	19

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109	Enhancement of toxic effects of phenanthrene to <i>Daphnia magna</i> due to the presence of suspended sediment. <i>Chemosphere</i> , 2014, 104, 162-169.	4.2	35
110	Catastrophe theory to assess water security and adaptation strategy in the context of environmental change. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2014, 19, 463-477.	1.0	62
111	Trends of water quantity and water quality of the Yellow River from 1956 to 2009: implications for the effect of climate change. <i>Environmental Systems Research</i> , 2014, 3, 1.	1.5	20
112	Mechanism and comprehensive countermeasure for drought management from the view of catastrophe theory. <i>Natural Hazards</i> , 2014, 71, 823-835.	1.6	6
113	Impacts of meteorological variations on urban lake water quality: a sensitivity analysis for 12 urban lakes with different trophic states. <i>Aquatic Sciences</i> , 2014, 76, 339-351.	0.6	29
114	Role of Structure and Microporosity in Phenanthrene Sorption by Natural and Engineered Organic Matter. <i>Environmental Science & Technology</i> , 2014, 48, 11227-11234.	4.6	85
115	Effects of seasonal climatic variability on several toxic contaminants in urban lakes: Implications for the impacts of climate change. <i>Journal of Environmental Sciences</i> , 2014, 26, 2369-2378.	3.2	14
116	Spatial and vertical variations of perfluoroalkyl substances in sediments of the Haihe River, China. <i>Journal of Environmental Sciences</i> , 2014, 26, 1557-1566.	3.2	33
117	Modification of Fatty Acids in Membranes of Bacteria: Implication for an Adaptive Mechanism to the Toxicity of Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2014, 48, 4086-4095.	4.6	86
118	Multi-scale modeling of the response of runoff to climate change. <i>Thermal Science</i> , 2014, 18, 1511-1516.	0.5	2
119	Analysis of rainfall variation under climate change in Miyun reservoir. <i>Thermal Science</i> , 2014, 18, 1481-1485.	0.5	0
120	Levels and distribution of total nitrogen and total phosphorous in urban soils of Beijing, China. <i>Environmental Earth Sciences</i> , 2013, 69, 1571-1577.	1.3	13
121	Preface: selected papers from SESEH 2012 Sino-European Symposium on Environment and Health. <i>Environmental Geochemistry and Health</i> , 2013, 35, 551-552.	1.8	0
122	Investigating particle concentration effects of polycyclic aromatic hydrocarbon (PAH) sorption on sediment considering the freely dissolved concentrations of PAHs. <i>Journal of Soils and Sediments</i> , 2013, 13, 1469-1477.	1.5	26
123	Identification and biodegradation efficiency of a newly isolated 2,2,4,4-tetrabromodiphenyl ether (BDE-47) aerobic degrading bacterial strain. <i>International Biodeterioration and Biodegradation</i> , 2013, 76, 24-31.	1.9	41
124	Bioaccumulation of Perfluoroalkyl Substances by <i>Daphnia magna</i> in Water with Different Types and Concentrations of Protein. <i>Environmental Science & Technology</i> , 2013, 47, 10955-10963.	4.6	85
125	Contribution ratio of freely to total dissolved concentrations of polycyclic aromatic hydrocarbons in natural river waters. <i>Chemosphere</i> , 2013, 90, 1785-1793.	4.2	41
126	Using ¹⁵ N, ¹⁷ O, and ¹⁸ O To Determine Nitrate Sources in the Yellow River, China. <i>Environmental Science & Technology</i> , 2013, 47, 13412-13421.	4.6	117

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127	Growth and nutrient accumulation of <i>Phragmites australis</i> in relation to water level variation and nutrient loadings in a shallow lake. <i>Journal of Environmental Sciences</i> , 2013, 25, 16-25.	3.2	41
128	Detection, occurrence and fate of 22 psychiatric pharmaceuticals in psychiatric hospital and municipal wastewater treatment plants in Beijing, China. <i>Chemosphere</i> , 2013, 90, 2520-2525.	4.2	186
129	Bioaccumulation and uptake routes of perfluoroalkyl acids in <i>Daphnia magna</i> . <i>Chemosphere</i> , 2013, 90, 1589-1596.	4.2	65
130	Dissolved organic nitrogen transformation in river water: Effects of suspended sediment and organic nitrogen concentration. <i>Journal of Hydrology</i> , 2013, 484, 96-104.	2.3	43
131	Acceleration of Denitrification in Turbid Rivers Due to Denitrification Occurring on Suspended Sediment in Oxic Waters. <i>Environmental Science & Technology</i> , 2013, 47, 4053-4061.	4.6	119
132	Mineralization of phenanthrene sorbed on multiwalled carbon nanotubes. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 894-901.	2.2	9
133	Bacterial diversity and community structure in the sediment of the middle and lower reaches of the Yellow River, the largest turbid river in the world. <i>Aquatic Microbial Ecology</i> , 2013, 71, 43-55.	0.9	26
134	A shallow lake remediation regime with <i>Phragmites australis</i> : Incorporating nutrient removal and water evapotranspiration. <i>Water Research</i> , 2012, 46, 5635-5644.	5.3	62
135	Impact of irreversible sorption of phthalate acid esters on their sediment quality criteria. <i>Journal of Environmental Monitoring</i> , 2012, 14, 258-265.	2.1	3
136	Effects of Carbon Nanotubes, Chars, and Ash on Bioaccumulation of Perfluorochemicals by <i>Chironomus plumosus</i> Larvae in Sediment. <i>Environmental Science & Technology</i> , 2012, 46, 12467-12475.	4.6	54
137	Nitrous oxide emissions from <i>Phragmites australis</i> -dominated zones in a shallow lake. <i>Environmental Pollution</i> , 2012, 166, 116-124.	3.7	23
138	Total nitrogen and total phosphorous in urban soils used for different purposes in Beijing, China. <i>Procedia Environmental Sciences</i> , 2012, 13, 95-104.	1.3	10
139	Influences of multiwalled carbon nanotubes and plant residue chars on bioaccumulation of polycyclic aromatic hydrocarbons by <i>Chironomus plumosus</i> larvae in sediment. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 202-209.	2.2	59
140	Application of chemometrics to spectroscopic data for indicating humification degree and assessing salinization processes of soils. <i>Journal of Soils and Sediments</i> , 2012, 12, 341-353.	1.5	13
141	Distribution and Health Risk Assessment of HCHs in Urban Soils of Beijing, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2377-2387.	1.3	14
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