Jingling Liu

List of Publications by Year in descending order

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61 papers	1,579 citations	279798 23 h-index	315739 38 g-index
61 all docs	61 docs citations	61 times ranked	1781 citing authors

#	Article	IF	Citations
1	Compositional Changes and Co-Occurrence Patterns of Planktonic Bacteria and Microeukaryotes in a Subtropical Estuarine Ecosystem, the Pearl River Delta. Water (Switzerland), 2022, 14, 1227.	2.7	2
2	Rhizosphere Soil Microbial Community Under Ice in a High-Latitude Wetland: Different Community Assembly Processes Shape Patterns of Rare and Abundant Microbes. Frontiers in Microbiology, 2022, 13, .	3.5	3
3	To remember a passionate environmentalist. Ecotoxicology, 2021, 30, 1287-1289.	2.4	1
4	Vegetation dynamics under water-level fluctuations: Implications for wetland restoration. Journal of Hydrology, 2020, 581, 124418.	5.4	39
5	Structural Variability and Co-Occurrence Pattern Differentiation in Rhizosphere Microbiomes of the Native Invasive Plant Echinochloa caudate in Momoge National Nature Reserve, China. Wetlands, 2020, 40, 587-597.	1.5	4
6	Multicompartment occurrence and partitioning of alternative and legacy per- and polyfluoroalkyl substances in an impacted river in China. Science of the Total Environment, 2020, 729, 138753.	8.0	35
7	Methodologies and Management Framework for Restoration of Wetland Hydrologic Connectivity: A Synthesis. Integrated Environmental Assessment and Management, 2020, 16, 438-451.	2.9	22
8	Numerical Analysis of the Impact Factors on the Flow Fields in a Large Shallow Lake. Water (Switzerland), 2019, 11, 155.	2.7	4
9	The Effects of Hydrological Conditions on Eco-Exergy of Food Webs in Momoge National Nature Reserve, China. Wetlands, 2019, 39, 601-617.	1.5	5
10	Water fluxes of Nenjiang River Basin with ecological network analysis: Conflict and coordination between agricultural development and wetland restoration. Journal of Cleaner Production, 2019, 213, 933-943.	9.3	41
11	Shared effects of hydromorphological and physico-chemical factors on benthic macroinvertebrate integrity for substrate types. Ecological Indicators, 2019, 105, 406-414.	6.3	12
12	Simulating the gross primary production and ecosystem respiration of estuarine ecosystem in North China with AQUATOX. Ecological Modelling, 2018, 373, 1-12.	2.5	9
13	Modeling the spatial and temporal dynamics of riparian vegetation induced by river flow fluctuation. Ecology and Evolution, 2018, 8, 3648-3659.	1.9	13
14	Multimedia and Spatial Distribution, Internal Accumulation and Source Diagnostics of Polycyclic Aromatic Hydrocarbons (PAHs) of the Luan River Basin, China. Polycyclic Aromatic Compounds, 2018, 38, 1-12.	2.6	9
15	A new comprehensive ecological risk index for risk assessment on Luanhe River, China. Environmental Geochemistry and Health, 2018, 40, 1965-1978.	3.4	12
16	Describing the spatialâ€“temporal dynamics of groundwater-dependent vegetation (GDV): A theoretical methodology. Ecological Modelling, 2018, 383, 127-137.	2.5	3
17	Role of dams in the phase transfer of antibiotics in an urban river receiving wastewater treatment plant effluent. Science of the Total Environment, 2017, 607-608, 1173-1179.	8.0	28
18	Evaluation of river habitat integrity based on benthic macroinvertebrate-based multi-metric model. Ecological Modelling, 2017, 353, 63-76.	2.5	28

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19	Biologic risk and source diagnose of 16 PAHs from Haihe River Basin, China. Frontiers of Environmental Science and Engineering, 2016, 10, 46-52.	6.0	12
20	Distribution and potential ecological risk of heavy metals in the typical eco-units of Haihe River Basin. Frontiers of Environmental Science and Engineering, 2016, 10, 103-113.	6.0	20
21	Polycyclic aromatic hydrocarbons (PAHs) in water from three estuaries of China: Distribution, seasonal variations and ecological risk assessment. Marine Pollution Bulletin, 2016, 109, 471-479.	5.0	59
22	Basin-Scale Study on the Multiphase Distribution, Source Apportionment and Risk Assessment of PAHs in the Hai River Water System. Archives of Environmental Contamination and Toxicology, 2016, 71, 365-376.	4.1	3
23	Ecosystem risk assessment modelling method for emerging pollutants. Developments in Environmental Modelling, 2015, 27, 135-162.	0.3	0
24	The occurrence and ecological risk assessment of phthalate esters (PAEs) in urban aquatic environments of China. Ecotoxicology, 2015, 24, 967-984.	2.4	86
25	Ecological modeling of riparian vegetation under disturbances: A review. Ecological Modelling, 2015, 318, 293-300.	2.5	19
26	Comparison of the spatial and temporal variability of macroinvertebrate and periphyton-based metrics in a macrophyte-dominated shallow lake. Frontiers of Earth Science, 2015, 9, 137-151.	2.1	2
27	Preliminary evaluation of ecological risk for the city area from the Pearl River Estuary. Water Science and Technology, 2014, 70, 1648-1655.	2.5	2
28	In situ variations and relationships of water quality index with periphyton function and diversity metrics in Baiyangdian Lake of China. Ecotoxicology, 2014, 23, 495-505.	2.4	26
29	In situ relationships between spatialâ€“temporal variations in potential ecological risk indexes for metals and the short-term effects on periphyton in a macrophyte-dominated lake: a comparison of structural and functional metrics. Ecotoxicology, 2014, 23, 553-566.	2.4	27
30	Relationships between ecological risk indices for metals and benthic communities metrics in a macrophyte-dominated lake. Ecological Indicators, 2014, 40, 162-174.	6.3	19
31	Polycyclic aromatic hydrocarbons in surface sediment of typical estuaries and the spatial distribution in Haihe river basin. Ecotoxicology, 2014, 23, 486-494.	2.4	28
32	Development process and perspective on ecological risk assessment. Acta Ecologica Sinica, 2014, 34, 239-245.	1.9	21
33	Environmental flow assessment for improvement of ecological integrity in the Haihe River Basin, China. Ecotoxicology, 2014, 23, 506-517.	2.4	4
34	Relationship between periphyton biomarkers and trace metals with the responses to environment applying an integrated biomarker response index (IBR) in estuaries. Ecotoxicology, 2014, 23, 538-552.	2.4	6
35	AQUATOX coupled foodweb model for ecosystem risk assessment of Polybrominated diphenyl ethers (PBDEs) in lake ecosystems. Environmental Pollution, 2014, 191, 80-92.	7.5	24
36	Effect of water current on the distribution of polycyclic aromatic hydrocarbons, heavy metals and benthic diatom community in sediments of Haihe estuary, China. Environmental Science and Pollution Research, 2014, 21, 12050-12061.	5.3	10

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37	Biological Characteristics of Biofilms Formed on Different Substrata in a Shallow Lake in Haihe Basin (China). Bulletin of Environmental Contamination and Toxicology, 2013, 90, 414-420.	2.7	5
38	Desorption characteristics of total phosphorus and heavy metals from impervious urban surface sediments. Science Bulletin, 2013, 58, 3357-3360.	1.7	8
39	Pollution characteristics and ecological risk of polycyclic aromatic hydrocarbons (PAHs) in surface sediments of the southern part of the Haihe River system in China. Science Bulletin, 2013, 58, 3348-3356.	1.7	39
40	Developing sustainability curricula using the PBL method in a Chinese context. Journal of Cleaner Production, 2013, 61, 80-88.	9.3	88
41	Assessment of plain river ecosystem function based on improved gray system model and analytic hierarchy process for the Fuyang River, Haihe River Basin, China. Ecological Modelling, 2013, 268, 37-47.	2.5	44
42	Applying AQUATOX in determining the ecological risk assessment of polychlorinated biphenyl contamination in Baiyangdian Lake, North China. Ecological Modelling, 2013, 265, 239-249.	2.5	26
43	Estimation of environmental flow requirements for the river ecosystem in the Haihe River Basin, China. Water Science and Technology, 2013, 67, 699-707.	2.5	13
44	Development of a relative risk model for evaluating ecological risk of water environment in the Haihe River Basin estuary area. Science of the Total Environment, 2012, 420, 79-89.	8.0	50
45	The analysis method and model of benthic food web on Baiyangdian Lake of China. Procedia Environmental Sciences, 2012, 13, 1254-1270.	1.4	1
46	Spatial distribution and ecological risk assessment of metals in sediments of Baiyangdian wetland ecosystem. Ecotoxicology, 2011, 20, 1107-1116.	2.4	39
47	Fuzzy synthetic model for risk assessment on Haihe River basin. Ecotoxicology, 2011, 20, 1131-1140.	2.4	11
48	Biofilms as potential indicators of macrophyte-dominated lake health. Ecotoxicology, 2011, 20, 982-992.	2.4	13
49	Distribution and ecosystem risk assessment of polycyclic aromatic hydrocarbons in the Luan River, China. Ecotoxicology, 2010, 19, 827-837.	2.4	208
50	Ecological risk assessment of water environment for Luanhe River Basin based on relative risk model. Ecotoxicology, 2010, 19, 1400-1415.	2.4	33
51	Spatial distribution and health risk of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in the water of the Luanhe River Basin, China. Environmental Monitoring and Assessment, 2010, 163, 1-13.	2.7	81
52	Characteristics of PAHs adsorbed on street dust and the correlation with specific surface area and TOC. Environmental Monitoring and Assessment, 2010, 169, 661-670.	2.7	30
53	Public participation in water resources management of Haihe river basin, China: the analysis and evaluation of status quo. Procedia Environmental Sciences, 2010, 2, 1750-1758.	1.4	36
54	Response of Freshwater Biofilm to pollution and ecosystem in Baiyangdian Lake of China. Procedia Environmental Sciences, 2010, 2, 1759-1769.	1.4	10

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55	Comparative study of water resource management policies between China and Denmark. Procedia Environmental Sciences, 2010, 2, 1775-1798.	1.4	6
56	Distribution and source apportionment of polycyclic aromatic hydrocarbons (PAH) in water and sediments of the Luan River, China. Toxicological and Environmental Chemistry, 2010, 92, 707-720.	1.2	6
57	The ecohealth assessment and ecological restoration division of urban water system in Beijing. Ecotoxicology, 2009, 18, 759-767.	2.4	7
58	Ecological risk of heavy metals in sediments of the Luan River source water. Ecotoxicology, 2009, 18, 748-758.	2.4	144
59	Effects of EDTA on Mechanism of Lead Accumulation in Typha orientalis Presl. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 553-557.	2.7	12
60	Ecosystem health assessment of urban rivers and lakes â€" Case study of â€œthe six lakesâ€•in Beijing, China. Frontiers of Environmental Science and Engineering in China, 2008, 2, 209-217.	0.8	9
61	Eco-environmental water demands for the Baiyangdian Wetland. Frontiers of Environmental Science and Engineering in China, 2008, 2, 73-80.	0.8	22