

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	Distribution and ecosystem risk assessment of polycyclic aromatic hydrocarbons in the Luan River, China. <i>Ecotoxicology</i> , 2010, 19, 827-837.	2.4	208
2	Ecological risk of heavy metals in sediments of the Luan River source water. <i>Ecotoxicology</i> , 2009, 18, 748-758.	2.4	144
3	Developing sustainability curricula using the PBL method in a Chinese context. <i>Journal of Cleaner Production</i> , 2013, 61, 80-88.	9.3	88
4	The occurrence and ecological risk assessment of phthalate esters (PAEs) in urban aquatic environments of China. <i>Ecotoxicology</i> , 2015, 24, 967-984.	2.4	86
5	Spatial distribution and health risk of heavy metals and polycyclic aromatic hydrocarbons (PAHs) in the water of the Luanhe River Basin, China. <i>Environmental Monitoring and Assessment</i> , 2010, 163, 1-13.	2.7	81
6	Polycyclic aromatic hydrocarbons (PAHs) in water from three estuaries of China: Distribution, seasonal variations and ecological risk assessment. <i>Marine Pollution Bulletin</i> , 2016, 109, 471-479.	5.0	59
7	Development of a relative risk model for evaluating ecological risk of water environment in the Haihe River Basin estuary area. <i>Science of the Total Environment</i> , 2012, 420, 79-89.	8.0	50
8	Assessment of plain river ecosystem function based on improved gray system model and analytic hierarchy process for the Fuyang River, Haihe River Basin, China. <i>Ecological Modelling</i> , 2013, 268, 37-47.	2.5	44
9	Water fluxes of Nenjiang River Basin with ecological network analysis: Conflict and coordination between agricultural development and wetland restoration. <i>Journal of Cleaner Production</i> , 2019, 213, 933-943.	9.3	41
10	Spatial distribution and ecological risk assessment of metals in sediments of Baiyangdian wetland ecosystem. <i>Ecotoxicology</i> , 2011, 20, 1107-1116.	2.4	39
11	Pollution characteristics and ecological risk of polycyclic aromatic hydrocarbons (PAHs) in surface sediments of the southern part of the Haihe River system in China. <i>Science Bulletin</i> , 2013, 58, 3348-3356.	1.7	39
12	Vegetation dynamics under water-level fluctuations: Implications for wetland restoration. <i>Journal of Hydrology</i> , 2020, 581, 124418.	5.4	39
13	Public participation in water resources management of Haihe river basin, China: the analysis and evaluation of status quo. <i>Procedia Environmental Sciences</i> , 2010, 2, 1750-1758.	1.4	36
14	Multicompartment occurrence and partitioning of alternative and legacy per- and polyfluoroalkyl substances in an impacted river in China. <i>Science of the Total Environment</i> , 2020, 729, 138753.	8.0	35
15	Ecological risk assessment of water environment for Luanhe River Basin based on relative risk model. <i>Ecotoxicology</i> , 2010, 19, 1400-1415.	2.4	33
16	Characteristics of PAHs adsorbed on street dust and the correlation with specific surface area and TOC. <i>Environmental Monitoring and Assessment</i> , 2010, 169, 661-670.	2.7	30
17	Polycyclic aromatic hydrocarbons in surface sediment of typical estuaries and the spatial distribution in Haihe river basin. <i>Ecotoxicology</i> , 2014, 23, 486-494.	2.4	28
18	Role of dams in the phase transfer of antibiotics in an urban river receiving wastewater treatment plant effluent. <i>Science of the Total Environment</i> , 2017, 607-608, 1173-1179.	8.0	28

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19	Evaluation of river habitat integrity based on benthic macroinvertebrate-based multi-metric model. <i>Ecological Modelling</i> , 2017, 353, 63-76.	2.5	28
20	In situ relationships between spatial-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. <i>Ecotoxicology</i> , 2014, 23, 553-566.	2.4	27
21	Applying AQUATOX in determining the ecological risk assessment of polychlorinated biphenyl contamination in Baiyangdian Lake, North China. <i>Ecological Modelling</i> , 2013, 265, 239-249.	2.5	26
22	In situ variations and relationships of water quality index with periphyton function and diversity metrics in Baiyangdian Lake of China. <i>Ecotoxicology</i> , 2014, 23, 495-505.	2.4	26
23	AQUATOX coupled foodweb model for ecosystem risk assessment of Polybrominated diphenyl ethers (PBDEs) in lake ecosystems. <i>Environmental Pollution</i> , 2014, 191, 80-92.	7.5	24
24	Eco-environmental water demands for the Baiyangdian Wetland. <i>Frontiers of Environmental Science and Engineering in China</i> , 2008, 2, 73-80.	0.8	22
25	Methodologies and Management Framework for Restoration of Wetland Hydrologic Connectivity: A Synthesis. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 438-451.	2.9	22
26	Development process and perspective on ecological risk assessment. <i>Acta Ecologica Sinica</i> , 2014, 34, 239-245.	1.9	21
27	Distribution and potential ecological risk of heavy metals in the typical eco-units of Haihe River Basin. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 103-113.	6.0	20
28	Relationships between ecological risk indices for metals and benthic communities metrics in a macrophyte-dominated lake. <i>Ecological Indicators</i> , 2014, 40, 162-174.	6.3	19
29	Ecological modeling of riparian vegetation under disturbances: A review. <i>Ecological Modelling</i> , 2015, 318, 293-300.	2.5	19
30	Biofilms as potential indicators of macrophyte-dominated lake health. <i>Ecotoxicology</i> , 2011, 20, 982-992.	2.4	13
31	Estimation of environmental flow requirements for the river ecosystem in the Haihe River Basin, China. <i>Water Science and Technology</i> , 2013, 67, 699-707.	2.5	13
32	Modeling the spatial and temporal dynamics of riparian vegetation induced by river flow fluctuation. <i>Ecology and Evolution</i> , 2018, 8, 3648-3659.	1.9	13
33	Effects of EDTA on Mechanism of Lead Accumulation in <i>Typha orientalis</i> Presl. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 553-557.	2.7	12
34	Biologic risk and source diagnose of 16 PAHs from Haihe River Basin, China. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 46-52.	6.0	12
35	A new comprehensive ecological risk index for risk assessment on Luanhe River, China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1965-1978.	3.4	12
36	Shared effects of hydromorphological and physico-chemical factors on benthic macroinvertebrate integrity for substrate types. <i>Ecological Indicators</i> , 2019, 105, 406-414.	6.3	12

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37	Fuzzy synthetic model for risk assessment on Haihe River basin. <i>Ecotoxicology</i> , 2011, 20, 1131-1140.	2.4	11
38	Response of Freshwater Biofilm to pollution and ecosystem in Baiyangdian Lake of China. <i>Procedia Environmental Sciences</i> , 2010, 2, 1759-1769.	1.4	10
39	Effect of water current on the distribution of polycyclic aromatic hydrocarbons, heavy metals and benthic diatom community in sediments of Haihe estuary, China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12050-12061.	5.3	10
40	Ecosystem health assessment of urban rivers and lakes – Case study of the six lakes in Beijing, China. <i>Frontiers of Environmental Science and Engineering in China</i> , 2008, 2, 209-217.	0.8	9
41	Simulating the gross primary production and ecosystem respiration of estuarine ecosystem in North China with AQUATOX. <i>Ecological Modelling</i> , 2018, 373, 1-12.	2.5	9
42	Multimedia and Spatial Distribution, Internal Accumulation and Source Diagnostics of Polycyclic Aromatic Hydrocarbons (PAHs) of the Luan River Basin, China. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 1-12.	2.6	9
43	Desorption characteristics of total phosphorus and heavy metals from impervious urban surface sediments. <i>Science Bulletin</i> , 2013, 58, 3357-3360.	1.7	8
44	The ecohealth assessment and ecological restoration division of urban water system in Beijing. <i>Ecotoxicology</i> , 2009, 18, 759-767.	2.4	7
45	Comparative study of water resource management policies between China and Denmark. <i>Procedia Environmental Sciences</i> , 2010, 2, 1775-1798.	1.4	6
46	Distribution and source apportionment of polycyclic aromatic hydrocarbons (PAH) in water and sediments of the Luan River, China. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 707-720.	1.2	6
47	Relationship between periphyton biomarkers and trace metals with the responses to environment applying an integrated biomarker response index (IBR) in estuaries. <i>Ecotoxicology</i> , 2014, 23, 538-552.	2.4	6
48	Biological Characteristics of Biofilms Formed on Different Substrata in a Shallow Lake in Haihe Basin (China). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 414-420.	2.7	5
49	The Effects of Hydrological Conditions on Eco-Exergy of Food Webs in Momoge National Nature Reserve, China. <i>Wetlands</i> , 2019, 39, 601-617.	1.5	5
50	Environmental flow assessment for improvement of ecological integrity in the Haihe River Basin, China. <i>Ecotoxicology</i> , 2014, 23, 506-517.	2.4	4
51	Numerical Analysis of the Impact Factors on the Flow Fields in a Large Shallow Lake. <i>Water (Switzerland)</i> , 2019, 11, 155.	2.7	4
52	Structural Variability and Co-Occurrence Pattern Differentiation in Rhizosphere Microbiomes of the Native Invasive Plant <i>Echinochloa caudata</i> in Momoge National Nature Reserve, China. <i>Wetlands</i> , 2020, 40, 587-597.	1.5	4
53	Basin-Scale Study on the Multiphase Distribution, Source Apportionment and Risk Assessment of PAHs in the Hai River Water System. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 365-376.	4.1	3
54	Describing the spatial-temporal dynamics of groundwater-dependent vegetation (GDV): A theoretical methodology. <i>Ecological Modelling</i> , 2018, 383, 127-137.	2.5	3

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55	Rhizosphere Soil Microbial Community Under Ice in a High-Latitude Wetland: Different Community Assembly Processes Shape Patterns of Rare and Abundant Microbes. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	3
56	Preliminary evaluation of ecological risk for the city area from the Pearl River Estuary. <i>Water Science and Technology</i> , 2014, 70, 1648-1655.	2.5	2
57	Comparison of the spatial and temporal variability of macroinvertebrate and periphyton-based metrics in a macrophyte-dominated shallow lake. <i>Frontiers of Earth Science</i> , 2015, 9, 137-151.	2.1	2
58	Compositional Changes and Co-Occurrence Patterns of Planktonic Bacteria and Microeukaryotes in a Subtropical Estuarine Ecosystem, the Pearl River Delta. <i>Water (Switzerland)</i> , 2022, 14, 1227.	2.7	2
59	The analysis method and model of benthic food web on Baiyangdian Lake of China. <i>Procedia Environmental Sciences</i> , 2012, 13, 1254-1270.	1.4	1
60	To remember a passionate environmentalist. <i>Ecotoxicology</i> , 2021, 30, 1287-1289.	2.4	1
61	Ecosystem risk assessment modelling method for emerging pollutants. <i>Developments in Environmental Modelling</i> , 2015, 27, 135-162.	0.3	0