Wen-Xiu Liu

List of Publications by Year
in descending order

56	2,042	236833 25	243529 44
papers	citations	h-index	g-index

56	56	56	2403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dustfall-bound polycyclic aromatic hydrocarbons (PAHs) over the fifth largest Chinese lake: residual levels, source apportionment, and correlations with suspended particulate matter (SPM)-bound PAHs in water. Environmental Science and Pollution Research, 2021, 28, 55388-55400.	2.7	4
2	Multi-Media Exposure to Polycyclic Aromatic Hydrocarbons at Lake Chaohu, the Fifth Largest Fresh Water Lake in China: Residual Levels, Sources and Carcinogenic Risk. Atmosphere, 2021, 12, 1241.	1.0	1
3	Tissue distribution, bioaccumulation, and carcinogenic risk of polycyclic aromatic hydrocarbons in aquatic organisms from Lake Chaohu, China. Science of the Total Environment, 2020, 749, 141577.	3.9	21
4	Spatiotemporal toxicity assessment of suspended particulate matter (SPM)â€“bound polycyclic aromatic hydrocarbons (PAHs) in Lake Chaohu, China: Application of a source-based quantitative method. Science of the Total Environment, 2020, 727, 138690.	3.9	24
5	New insights into spatiotemporal source apportionment of n-alkanes under mixed scenario: A pilot study on Lake Chaohu, China. Science of the Total Environment, 2020, 742, 140517.	3.9	17
6	Impacts of anthropogenic activities on spatial variations of phthalate esters in water and suspended particulate matter from China's lakes. Science of the Total Environment, 2020, 724, 138281.	3.9	24
7	Combining species sensitivity distribution (SSD) model and thermodynamic index (exergy) for system-level ecological risk assessment of contaminates in aquatic ecosystems. Environment International, 2019, 133, 105275.	4.8	23
8	Comparisons of tissue distributions and health risks of perfluoroalkyl acids (PFAAs) in two fish species with different trophic levels from Lake Chaohu, China. Ecotoxicology and Environmental Safety, 2019, 185, 109666.	2.9	21
9	A review on perfluoroalkyl acids studies: Environmental behaviors, toxic effects, and ecological and health risks. Ecosystem Health and Sustainability, 2019, 5, 1-19.	1.5	53
10	Impact of organic matter and meteorological factors on the long-term trend, seasonality, and gas/particle partitioning behavior of atmospheric PBDEs. Science of the Total Environment, 2019, 659, 1058-1070.	3.9	8
11	Effects of fluorescent dissolved organic matters (FDOMs) on perfluoroalkyl acids (PFAAs) in lake and river water. Science of the Total Environment, 2019, 666, 598-607.	3.9	24
12	Multimedia fate modeling of perfluorooctanoic acid (PFOA) and perfluorooctane sulphonate (PFOS) in the shallow lake Chaohu, China. Environmental Pollution, 2018, 237, 339-347.	3.7	32
13	Residues, bioaccumulations and biomagnification of perfluoroalkyl acids (PFAAs) in aquatic animals from Lake Chaohu, China. Environmental Pollution, 2018, 240, 607-614.	3.7	42
14	The spatial distribution of phosphorus and their correlations in surface sediments and pore water in Lake Chaohu, China. Environmental Science and Pollution Research, 2018, 25, 25906-25915.	2.7	15
15	Distribution, partitioning and inhalation exposure of perfluoroalkyl acids (PFAAs) in urban and rural air near Lake Chaohu, China. Environmental Pollution, 2018, 243, 143-151.	3.7	21
16	Bias and association of sediment organic matter source apportionment indicators: A case study in a eutrophic Lake Chaohu, China. Science of the Total Environment, 2017, 581-582, 874-884.	3.9	42
17	Integrated ecological and chemical food web accumulation modeling explains PAH temporal trends during regime shifts in a shallow lake. Water Research, 2017, 119, 73-82.	5.3	29
18	Effects of phosphorus stress on the photosynthetic and physiological characteristics of Chlorella vulgaris based on chlorophyll fluorescence and flow cytometric analysis. Ecological Indicators, 2017, 78, 131-141.	2.6	25

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19	Hydrological regulation drives regime shifts: evidence from paleolimnology and ecosystem modeling of a large shallow Chinese lake. Global Change Biology, 2017, 23, 737-754.	4.2	111
20	Optimized Multiresidue Analysis of Organic Contaminants of Priority Concern in a Daily Consumed Fish (Grass Carp). Journal of Analytical Methods in Chemistry, 2017, 2017, 1-13.	0.7	12
21	Ultrasensitive detection of sulfide ions through interactions between sulfide ions and Au(<scp>iii</scp>) quenching the fluorescence of chitosan microspheres functionalized with rhodamine B and modified with Au(<scp>iii</scp>). RSC Advances, 2016, 6, 38820-38826.	1.7	4
22	Current status and historical variations of DDT-related contaminants in the sediments of Lake Chaohu in China and their influencing factors. Environmental Pollution, 2016, 219, 883-896.	3.7	17
23	The partitioning behavior of persistent toxicant organic contaminants in eutrophic sediments: Coefficients and effects of fluorescent organic matter and particle size. Environmental Pollution, 2016, 219, 724-734.	3.7	22
24	Current status and historical variations of phthalate ester (PAE) contamination in the sediments from a large Chinese lake (Lake Chaohu). Environmental Science and Pollution Research, 2016, 23, 10393-10405.	2.7	24
25	Turn-on fluorometric Î²-carotene assay based on competitive host-guest interaction between rhodamine 6G and Î²-carotene with a graphene oxide functionalized with a Î²-cyclodextrin-modified polyethyleneimine. Mikrochimica Acta, 2016, 183, 1161-1168.	2.5	13
26	Advances in environmental behaviors and effects of dissolved organic matter in aquatic ecosystems. Science China Earth Sciences, 2016, 59, 746-759.	2.3	21
27	Changes in food web structure and ecosystem functioning of a large, shallow Chinese lake during the 1950s, 1980s and 2000s. Ecological Modelling, 2016, 319, 31-41.	1.2	32
28	Occurrence, spatial distribution, sources, and risks of polychlorinated biphenyls and heavy metals in surface sediments from a large eutrophic Chinese lake (Lake Chaohu). Environmental Science and Pollution Research, 2016, 23, 10335-10348.	2.7	35
29	The tempo-spatial variations of phytoplankton diversities and their correlation with trophic state levels in a large eutrophic Chinese lake. Ecological Indicators, 2016, 66, 153-162.	2.6	41
30	Aquatic biota as potential biological indicators of the contamination, bioaccumulation and health risks caused by organochlorine pesticides in a large, shallow Chinese lake (Lake Chaohu). Ecological Indicators, 2016, 60, 335-345.	2.6	27
31	Toxic Effects of Ethyl Cinnamate on the Photosynthesis and Physiological Characteristics ofChlorella vulgarisBased on Chlorophyll Fluorescence and Flow Cytometry Analysis. Scientific World Journal, The, 2015, 2015, 1-12.	0.8	3
32	Temporal-spatial distributions and ecological risks of perfluoroalkyl acids (PFAAs) in the surface water from the fifth-largest freshwater lake in China (Lake Chaohu). Environmental Pollution, 2015, 200, 24-34.	3.7	48
33	Large-scale synthesis of Co₂V₂O₇ hexagonal microplatelets under ambient conditions for highly reversible lithium storage. Journal of Materials Chemistry A, 2015, 3, 16728-16736.	5.2	116
34	Key issues for the development and application of the species sensitivity distribution (SSD) model for ecological risk assessment. Ecological Indicators, 2015, 54, 227-237.	2.6	72
35	Influences of binding to dissolved organic matter on hydrophobic organic compounds in a multi-contaminant system: Coefficients, mechanisms and ecological risks. Environmental Pollution, 2015, 206, 461-468.	3.7	40
36	Turn-on fluorescence sensor for the detection of heparin based on rhodamine B-modified polyethyleneimineâ€“graphene oxide complex. Biosensors and Bioelectronics, 2015, 64, 300-305.	5.3	87

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37	Calcein-functionalized Fe3O4@SiO2 nanoparticles as a reusable fluorescent nanoprobe for copper(II) ion. Mikrochimica Acta, 2015, 182, 547-555.	2.5	12
38	Temporal and spatial variations of organochlorine pesticides in the suspended particulate matter from Lake Chaohu, China. Ecological Engineering, 2015, 80, 214-222.	1.6	16
39	Eco-Risk Assessments for Toxic Contaminants Based on Species Sensitivity Distribution Models in Lake Chaohu, China. Developments in Environmental Modelling, 2014, 26, 75-111.	0.3	0
40	Distribution, partitioning and sources of polycyclic aromatic hydrocarbons in the waterâ€“SPMâ€“sediment system of Lake Chaohu, China. Science of the Total Environment, 2014, 496, 414-423.	3.9	102
41	Development of Structural Dynamic Model for the Ecosystem Evolution of a Large Shallow Chinese Lake (Lake Chaohu). Developments in Environmental Modelling, 2014, 26, 375-410.	0.3	0
42	Ecological risk assessment and priority setting for typical toxic pollutants in the water from Beijing-Tianjin-Bohai area using Bayesian matbugs calculator (BMC). Ecological Indicators, 2014, 45, 209-218.	2.6	37
43	Atmospheric PBDEs at rural and urban sites in central China from 2010 to 2013: Residual levels, potential sources and human exposure. Environmental Pollution, 2014, 192, 232-243.	3.7	41
44	Organochlorine pesticides in the dust fall around Lake Chaohu, the fifth largest lake in China. Environmental Monitoring and Assessment, 2014, 186, 383-393.	1.3	14
45	The seasonal and spatial variations of phytoplankton community and their correlation with environmental factors in a large eutrophic Chinese lake (Lake Chaohu). Ecological Indicators, 2014, 40, 58-67.	2.6	198
46	Water quality benchmarking (WQB) and priority control screening (PCS) of persistent toxic substances (PTSs) in China: Necessity, method and a case study. Science of the Total Environment, 2014, 472, 1108-1120.	3.9	26
47	Waterâ€“gas exchange of organochlorine pesticides at Lake Chaohu, a large Chinese lake. Environmental Science and Pollution Research, 2013, 20, 2020-2032.	2.7	12
48	The residues, distribution, and partition of organochlorine pesticides in the water, suspended solids, and sediments from a large Chinese lake (Lake Chaohu) during the high water level period. Environmental Science and Pollution Research, 2013, 20, 2033-2045.	2.7	53
49	Atmospheric partitioning and the airâ€“water exchange of polycyclic aromatic hydrocarbons in a large shallow Chinese lake (Lake Chaohu). Chemosphere, 2013, 93, 1685-1693.	4.2	50
50	Spatio-temporal distributions and the ecological and health risks of phthalate esters (PAEs) in the surface water of a large, shallow Chinese lake. Science of the Total Environment, 2013, 461-462, 672-680.	3.9	119
51	The residual levels and health risks of hexachlorocyclohexanes (HCHs) and dichloro-diphenyl-trichloroethanes (DDTs) in the fish from Lake Baiyangdian, North China. Environmental Science and Pollution Research, 2013, 20, 5950-5962.	2.7	12
52	Polybrominated diphenyl ethers (PBDEs) in the surface sediments and suspended particulate matter (SPM) from Lake Chaohu, a large shallow Chinese lake. Science of the Total Environment, 2013, 463-464, 1163-1173.	3.9	37
53	Ecological risk assessment of polycyclic aromatic hydrocarbons (PAHs) in the water from a large Chinese lake based on multiple indicators. Ecological Indicators, 2013, 24, 599-608.	2.6	105
54	Residues, Distributions, Sources, and Ecological Risks of OCPs in the Water from Lake Chaohu, China. Scientific World Journal, The, 2012, 2012, 1-16.	0.8	32

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55	Distributions, Sources, and Backward Trajectories of Atmospheric Polycyclic Aromatic Hydrocarbons at Lake Small Baiyangdian, Northern China. Scientific World Journal, The, 2012, 2012, 1-13.	0.8	7
56	Levels, Temporal-Spatial Variations, and Sources of Organochlorine Pesticides in Ambient Air of Lake Chaohu, China. Scientific World Journal, The, 2012, 2012, 1-12.	0.8	18