Yaoyang Xu

List of Publications by Year
in descending order

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40 papers	1,026 citations	394421 19 h-index	434195 31 g-index
40 all docs	40 docs citations	40 times ranked	1077 citing authors

#	Article	IF	Citations
1	Evolving framework of studies on global gulf ecosystems with Sustainable Development Goals. Environmental Science and Pollution Research, 2022, 29, 18385-18397.	5.3	4
2	A framework to develop joint nutrient criteria for lake eutrophication management in eutrophic lakes. Journal of Hydrology, 2021, 594, 125883.	5.4	18
3	Urban green infrastructure features influence the type and chemical composition of soil dissolved organic matter. Science of the Total Environment, 2021, 764, 144240.	8.0	18
4	Pharmaceuticals in two watersheds in Eastern China and their ecological risks. Environmental Pollution, 2021, 277, 116773.	7.5	33
5	Bayesian change point quantile regression approach to enhance the understanding of shifting phytoplankton-dimethyl sulfide relationships in aquatic ecosystems. Water Research, 2021, 201, 117287.	11.3	7
6	Revisiting seasonal dynamics of total nitrogen in reservoirs with a systematic framework for mining data from existing publications. Water Research, 2021, 201, 117380.	11.3	7
7	Linking reservoir ecosystems research to the sustainable development goals. Science of the Total Environment, 2021, 781, 146769.	8.0	31
8	Organophosphate esters in surface soils from a heavily urbanized region of Eastern China: Occurrence, distribution, and ecological risk assessment. Environmental Pollution, 2021, 291, 118200.	7.5	15
9	Bacterioplankton Richness and Composition in a Seasonal Urban River. Frontiers in Environmental Science, 2021, 9, .	3.3	2
10	Global meta-analysis of microplastic contamination in reservoirs with a novel framework. Water Research, 2021, 207, 117828.	11.3	68
11	A statistical framework to track temporal dependence of chlorophyllâ€“nutrient relationships with implications for lake eutrophication management. Journal of Hydrology, 2021, 603, 127134.	5.4	4
12	States, Trends, and Future of Aquaponics Research. Sustainability, 2020, 12, 7783.	3.2	10
13	Global pattern of studies on phosphorus at watershed scale. Environmental Science and Pollution Research, 2020, 27, 14872-14882.	5.3	5
14	Effect of Water Column Stability on Surface Chlorophyll and Time Lags under Different Nutrient Backgrounds in a Deep Reservoir. Water (Switzerland), 2019, 11, 1504.	2.7	9
15	Compositional variety of dissolved organic matter and its correlation with water quality in peri-urban and urban river watersheds. Ecological Indicators, 2019, 104, 459-469.	6.3	60
16	Winter weather and lakeâ€watershed physical configuration drive phosphorus, iron, and manganese dynamics in water and sediment of iceâ€covered lakes. Limnology and Oceanography, 2017, 62, 1620-1635.	3.1	26
17	Modeling the drivers of interannual variability in cyanobacterial bloom severity using self-organizing maps and high-frequency data. Inland Waters, 2017, 7, 333-347.	2.2	8
18	Climate-driven changes in energy and mass inputs systematically alter nutrient concentration and stoichiometry in deep and shallow regions of Lake Champlain. Biogeochemistry, 2017, 133, 201-217.	3.5	44

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19	The mobility of phosphorus, iron, and manganese through the sedimentâ€“water continuum of a shallow eutrophic freshwater lake under stratified and mixed water-column conditions. Biogeochemistry, 2016, 127, 15-34.	3.5	62
20	Quantile regression improves models of lake eutrophication with implications for ecosystemâ€specific management. Freshwater Biology, 2015, 60, 1841-1853.	2.4	30
21	Developing a 21st Century framework for lake-specific eutrophication assessment using quantile regression. Limnology and Oceanography: Methods, 2015, 13, 237-249.	2.0	17
22	Dynamic Coupling of Iron, Manganese, and Phosphorus Behavior in Water and Sediment of Shallow Ice-Covered Eutrophic Lakes. Environmental Science & Technology, 2015, 49, 9758-9767.	10.0	41
23	Dynamic internal drivers of a historically severe cyanobacteria bloom in Lake Champlain revealed through comprehensive monitoring. Journal of Great Lakes Research, 2015, 41, 818-829.	1.9	45
24	Modeling maximum lipid productivity of microalgae: Review and next step. Renewable and Sustainable Energy Reviews, 2014, 32, 29-39.	16.4	54
25	Sedimentary nutrients in the mainstream and its five tributary bays of a large subtropical reservoir (Three Gorges Reservoir, China). Quaternary International, 2012, 282, 171-177.	1.5	17
26	Spatial Distribution of Macroinvertebrate Community along a Longitudinal Gradient in a Eutrophic Reservoirâ€Bay during Different Impoundment Stages, China. International Review of Hydrobiology, 2012, 97, 169-183.	0.9	8
27	Patterns of asynchrony for phytoplankton fluctuations from reservoir mainstream to a tributary bay in a giant dendritic reservoir (Three Gorges Reservoir, China). Aquatic Sciences, 2012, 74, 287-300.	1.5	13
28	Asynchrony of spring phytoplankton response to temperature driver within a spatial heterogeneity bay of Three-Gorges Reservoir, China. Limnologica, 2011, 41, 174-180.	1.5	27
29	Changes in water types under the regulated mode of water level in Three Gorges Reservoir, China. Quaternary International, 2011, 244, 272-279.	1.5	52
30	Daily and vertical dynamics of rotifers under the impact of diatom blooms in the Three Gorges Reservoir, China. Hydrobiologia, 2011, 675, 29-40.	2.0	8
31	Temporal Asynchrony of Trophic Status Between Mainstream and Tributary Bay Within a Giant Dendritic Reservoir: The Role of Local-Scale Regulators. Water, Air, and Soil Pollution, 2011, 219, 271-284.	2.4	13
32	Weekly dynamics of phytoplankton functional groups under high water level fluctuations in a subtropical reservoir-bay. Aquatic Ecology, 2011, 45, 197-212.	1.5	63
33	Diel vertical migration of Peridiniopsis niei, Liu et al., a new species of dinoflagellates in an eutrophic bay of Three-Gorge Reservoir, China. Aquatic Ecology, 2010, 44, 387-395.	1.5	17
34	Factors regulating trophic status in a large subtropical reservoir, China. Environmental Monitoring and Assessment, 2010, 169, 237-248.	2.7	40
35	Effects of Reservoir Mainstream on Longitudinal Zonation in Reservoir Bays. Journal of Freshwater Ecology, 2010, 25, 107-117.	1.2	17
36	Using temporal coherence to determine the responses of water clarity to hydrological processes in a giant subtropical canyon-shaped reservoir (China). Quaternary International, 2010, 226, 151-159.	1.5	11

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37	Effect of hydrological regime on the macroinvertebrate community in Three-Gorges Reservoir, China. Quaternary International, 2010, 226, 129-135.	1.5	32
38	Spring Diatom Blooming Phases in a Representative Eutrophic Bay of the Three-Gorges Reservoir, China. Journal of Freshwater Ecology, 2009, 24, 191-198.	1.2	20
39	Seasonal dynamics of suspended solids in a giant subtropical reservoir (China) inÂrelation to internal processes and hydrological features. Quaternary International, 2009, 208, 138-144.	1.5	31
40	Daily Dynamics of Nutrients and Chlorophylladuring a Spring Phytoplankton Bloom in Xiangxi Bay of the Three Gorges Reservoir. Journal of Freshwater Ecology, 2006, 21, 315-321.	1.2	39