Tingfeng Wu

List of Publications by Year
in descending order

32 papers	1,273 citations	471509 17 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1183 citing authors

#	Article	IF	Citations
1	Polluted lake restoration to promote sustainability in the Yangtze River Basin, China. National Science Review, 2022, 9, nwab207.	9.5	24
2	Reconsideration of wind stress, wind waves, and turbulence in simulating wind-driven currents of shallow lakes in the Wave and Current Coupled Model (WCCM) version 1.0. Geoscientific Model Development, 2022, 15, 745-769.	3.6	8
3	Exploring and quantifying the relationship between instantaneous wind speed and turbidity in a large shallow lake: case study of Lake Taihu in China. Environmental Science and Pollution Research, 2021, 28, 16616-16632.	5.3	7
4	Effects of nFe3O4 capping on phosphorus release from sediments in a eutrophic lake. Environmental Science and Pollution Research, 2021, 28, 47056-47065.	5.3	9
5	Strong spring winds accelerated the recruitment and reinvasion of cyanobacteria. Environmental Science and Pollution Research, 2021, 28, 16855-16866.	5.3	5
6	Mechanism of phosphorus mobility in sediments with larval (Propsilocerus akamusi) bioturbation. Environmental Science and Pollution Research, 2020, 27, 7538-7548.	5.3	6
7	Identifying spatio-temporal dynamics of trace metals in shallow eutrophic lakes on the basis of a case study in Lake Taihu, China. Environmental Pollution, 2020, 264, 114802.	7.5	26
8	In-situ observations of internal dissolved heavy metal release in relation to sediment suspension in lake Taihu, China. Journal of Environmental Sciences, 2020, 97, 120-131.	6.1	14
9	Effects Of Short-Term Aerobic Conditions On Phosphorus Mobility In Sediments. Journal of Freshwater Ecology, 2019, 34, 649-661.	1.2	4
10	Spatial distribution of sediment nitrogen and phosphorus in Lake Taihu from a hydrodynamics-induced transport perspective. Science of the Total Environment, 2019, 650, 1554-1565.	8.0	118
11	Characteristics of sediment resuspension in Lake Taihu, China: A wave flume study. Journal of Hydrology, 2018, 561, 702-710.	5.4	36
12	Features and impacts of currents and waves on sediment resuspension in a large shallow lake in China. Environmental Science and Pollution Research, 2018, 25, 36341-36354.	5.3	20
13	The contribution of wind wave changes on diminishing ice period in Lake PyhÃjÃrvi during the last half-century. Environmental Science and Pollution Research, 2018, 25, 24895-24906.	5.3	2
14	Field Observation of Different Windâ€Induced Basinâ€Scale Current Field Dynamics in a Large, Polymictic, Eutrophic Lake. Journal of Geophysical Research: Oceans, 2018, 123, 6945-6961.	2.6	16
15	Spatiotemporal Changes of Cyanobacterial Bloom in Large Shallow Eutrophic Lake Taihu, China. Frontiers in Microbiology, 2018, 9, 451.	3.5	80
16	Bioturbation Effects of Chironomid Larvae on Nitrogen Release and Ammonia-Oxidizing Bacteria Abundance in Sediments. Water (Switzerland), 2018, 10, 512.	2.7	5
17	The persistence of cyanobacterial (M icrocystis spp.) blooms throughout winter in Lake Taihu, China. Limnology and Oceanography, 2016, 61, 711-722.	3.1	114
18	Since 2015 the SinoGerman research project SIGN supports water quality improvement in the Taihu region, China. Environmental Sciences Europe, 2016, 28, 24.	5.5	15

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19	In-situ erosion of cohesive sediment in a large shallow lake experiencing long-term decline in wind speed. Journal of Hydrology, 2016, 539, 254-264.	5.4	28
20	The Influence of Macrophytes on Sediment Resuspension and the Effect of Associated Nutrients in a Shallow and Large Lake (Lake Taihu, China). PLoS ONE, 2015, 10, e0127915.	2.5	57
21	Validating and Mapping Surface Water Temperatures in Lake Taihu: Results From MODIS Land Surface Temperature Products. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1230-1244.	4.9	34
22	Cyanobacterial bloom management through integrated monitoring and forecasting in large shallow eutrophic Lake Taihu (China). Journal of Hazardous Materials, 2015, 287, 356-363.	12.4	183
23	The influence of changes in wind patterns on the areal extension of surface cyanobacterial blooms in a large shallow lake in China. Science of the Total Environment, 2015, 518-519, 24-30.	8.0	95
24	Effects of wind wave turbulence on the phytoplankton community composition in large, shallow Lake Taihu. Environmental Science and Pollution Research, 2015, 22, 12737-12746.	5.3	34
25	The effect of intense hydrodynamic disturbance on chromophoric dissolved organic matter in a shallow eutrophic lake. Journal of Freshwater Ecology, 2015, 30, 143-156.	1.2	8
26	The role of tropical cyclones in stimulating cyanobacterial (Microcystis spp.) blooms in hypertrophic Lake Taihu, China. Harmful Algae, 2014, 39, 310-321.	4.8	118
27	Dynamics of cyanobacterial bloom formation during short-term hydrodynamic fluctuation in a large shallow, eutrophic, and wind-exposed Lake Taihu, China. Environmental Science and Pollution Research, 2013, 20, 8546-8556.	5.3	103
28	Modeling of turbidity dynamics caused by wind-induced waves and current in the Taihu Lake. International Journal of Sediment Research, 2013, 28, 139-148.	3.5	38
29	Flume simulation of wave-induced release of internal dissolved nitrogen in Taihu Lake, China. Chinese Journal of Oceanology and Limnology, 2012, 30, 796-805.	0.7	10
30	Effects of typhoon Morakot on a large shallow lake ecosystem, Lake Taihu, China. Ecohydrology, 2012, 5, 798-807.	2.4	42
31	A vertically integrated eutrophication model and its application to a river-style reservoir â€" Fuchunjiang, China. Journal of Environmental Sciences, 2009, 21, 319-327.	6.1	13
32	Study on the Triggering Factors of Algal Bloom in Fuchunjiang Reservoir Based on a Vertically Integrated Hydrodynamic Model. , 2009, , 662-666.		1