# Tingfeng Wu

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | The persistence of cyanobacterial (M icrocystis spp.) blooms throughout winter in Lake Taihu, China. Limnology and Oceanography, 2016, 61, 711-722. | 3.1 | 114 |
| 5 | 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 |
| 6 | 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 |
| 7 | Spatiotemporal Changes of Cyanobacterial Bloom in Large Shallow Eutrophic Lake Taihu, China. Frontiers in Microbiology, 2018, 9, 451. | 3.5 | 80 |
| 8 | 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 |
| 9 | Effects of typhoon Morakot on a large shallow lake ecosystem, Lake Taihu, China. Ecohydrology, 2012, 5, 798-807. | 2.4 | 42 |
| 10 | 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 |
| 11 | Characteristics of sediment resuspension in Lake Taihu, China: A wave flume study. Journal of Hydrology, 2018, 561, 702-710. | 5.4 | 36 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Polluted lake restoration to promote sustainability in the Yangtze River Basin, China. National Science Review, 2022, 9, nwab207. | 9.5 | 24 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Mechanism of phosphorus mobility in sediments with larval (Propsilocerus akamusi) bioturbation. Environmental Science and Pollution Research, 2020, 27, 7538-7548. | 5.3 | 6 |
| 28 | Bioturbation Effects of Chironomid Larvae on Nitrogen Release and Ammonia-Oxidizing Bacteria Abundance in Sediments. Water (Switzerland), 2018, 10, 512. | 2.7 | 5 |
| 29 | Strong spring winds accelerated the recruitment and reinvasion of cyanobacteria. Environmental Science and Pollution Research, 2021, 28, 16855-16866. | 5.3 | 5 |
| 30 | Effects Of Short-Term Aerobic Conditions On Phosphorus Mobility In Sediments. Journal of Freshwater Ecology, 2019, 34, 649-661. | 1.2 | 4 |
| 31 | 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 |
| 32 | Study on the Triggering Factors of Algal Bloom in Fuchunjiang Reservoir Based on a Vertically Integrated Hydrodynamic Model. , 2009, , 662-666. | | 1 |