

Xiaohan Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3496675/publications.pdf>

Version: 2024-02-01

22
papers

1,604
citations

394421

19
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term remote monitoring of total suspended matter concentration in Lake Taihu using 250m MODIS-Aqua data. <i>Remote Sensing of Environment</i> , 2015, 164, 43-56.	11.0	197
2	Dissolved oxygen stratification and response to thermal structure and long-term climate change in a large and deep subtropical reservoir (Lake Qiandaohu, China). <i>Water Research</i> , 2015, 75, 249-258.	11.3	181
3	Long-term MODIS observations of cyanobacterial dynamics in Lake Taihu: Responses to nutrient enrichment and meteorological factors. <i>Scientific Reports</i> , 2017, 7, 40326.	3.3	139
4	Aquatic vegetation in response to increased eutrophication and degraded light climate in Eastern Lake Taihu: Implications for lake ecological restoration. <i>Scientific Reports</i> , 2016, 6, 23867.	3.3	124
5	Long-Term Satellite Observations of Microcystin Concentrations in Lake Taihu during Cyanobacterial Bloom Periods. <i>Environmental Science & Technology</i> , 2015, 49, 6448-6456.	10.0	116
6	Inflow rate-driven changes in the composition and dynamics of chromophoric dissolved organic matter in a large drinking water lake. <i>Water Research</i> , 2016, 100, 211-221.	11.3	110
7	Remote sensing of diffuse attenuation coefficient of photosynthetically active radiation in Lake Taihu using MERIS data. <i>Remote Sensing of Environment</i> , 2014, 140, 365-377.	11.0	88
8	Dissolved organic matter fluorescence at wavelength 275/342Ånm as a key indicator for detection of point-source contamination in a large Chinese drinking water lake. <i>Chemosphere</i> , 2016, 144, 503-509.	8.2	84
9	Chromophoric dissolved organic matter of black waters in a highly eutrophic Chinese lake: Freshly produced from algal scums?. <i>Journal of Hazardous Materials</i> , 2015, 299, 222-230.	12.4	73
10	Fluorescence peak integration ratio IC:IT as a new potential indicator tracing the compositional changes in chromophoric dissolved organic matter. <i>Science of the Total Environment</i> , 2017, 574, 1588-1598.	8.0	64
11	Lake Topography and Wind Waves Determining Seasonal-Spatial Dynamics of Total Suspended Matter in Turbid Lake Taihu, China: Assessment Using Long-Term High-Resolution MERIS Data. <i>PLoS ONE</i> , 2014, 9, e98055.	2.5	60
12	Wind and submerged aquatic vegetation influence bio-optical properties in large shallow Lake Taihu, China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 713-727.	3.0	52
13	Temporal and spatial variations of chemical oxygen demand in Lake Taihu, China, from 2005 to 2009. <i>Hydrobiologia</i> , 2011, 665, 129-141.	2.0	50
14	Mapping Aquatic Vegetation in a Large, Shallow Eutrophic Lake: A Frequency-Based Approach Using Multiple Years of MODIS Data. <i>Remote Sensing</i> , 2015, 7, 10295-10320.	4.0	43
15	Absorption and fluorescence properties of chromophoric dissolved organic matter: implications for the monitoring of water quality in a large subtropical reservoir. <i>Environmental Science and Pollution Research</i> , 2014, 21, 14078-14090.	5.3	42
16	Spatiotemporal dynamics of chlorophyll-a in a large reservoir as derived from Landsat 8 OLI data: understanding its driving and restrictive factors. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1359-1374.	5.3	42
17	The Potential Applications of Real-Time Monitoring of Water Quality in a Large Shallow Lake (Lake Tj ETQq1 1 0.784314 rgBT /Overlock 11580-11594.	3.8	41
18	Predicting the light attenuation coefficient through Secchi disk depth and beam attenuation coefficient in a large, shallow, freshwater lake. <i>Hydrobiologia</i> , 2012, 693, 29-37.	2.0	33

#	ARTICLE	IF	CITATIONS
19	Remote Sensing of Secchi Depth in Highly Turbid Lake Waters and Its Application with MERIS Data. Remote Sensing, 2019, 11, 2226.	4.0	30
20	High-frequency optical measurements in shallow Lake Taihu, China: determining the relationships between hydrodynamic processes and inherent optical properties. Hydrobiologia, 2014, 724, 187-201.	2.0	15
21	Remote Sensing of Phytoplankton Size Class in Northwest Atlantic from 1998 to 2016: Bio-Optical Algorithms Comparison and Application. Remote Sensing, 2018, 10, 1028.	4.0	10
22	Estimation of phytoplankton taxonomic groups in the Arctic Ocean using phytoplankton absorption properties: implication for ocean-color remote sensing. Optics Express, 2018, 26, 32280.	3.4	10