

# Qitao Xiao

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

959  
citations

471509

17  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eutrophication and temperature drive large variability in carbon dioxide from China's Lake Taihu. <i>Limnology and Oceanography</i> , 2022, 67, 379-391.	3.1	36
2	Urban rivers are hotspots of riverine greenhouse gas (N <sub>2</sub> O, CH <sub>4</sub> , CO <sub>2</sub> ) emissions in the mixed-landscape chaohu lake basin. <i>Water Research</i> , 2021, 189, 116624.	11.3	77
3	A highly agricultural river network in Jurong Reservoir watershed as significant CO <sub>2</sub> and CH <sub>4</sub> sources. <i>Science of the Total Environment</i> , 2021, 769, 144558.	8.0	35
4	Satellite estimation of dissolved organic carbon in eutrophic Lake Taihu, China. <i>Remote Sensing of Environment</i> , 2021, 264, 112572.	11.0	17
5	Notable changes of carbon dioxide in a eutrophic lake caused by water diversion. <i>Journal of Hydrology</i> , 2021, 603, 127064.	5.4	10
6	Eutrophic Lake Taihu as a significant CO <sub>2</sub> source during 2000–2015. <i>Water Research</i> , 2020, 170, 115331.	11.3	85
7	Satellite Estimation of Dissolved Carbon Dioxide Concentrations in China's Lake Taihu. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13709-13718.	10.0	24
8	Are nitrous oxide emissions indirectly fueled by input of terrestrial dissolved organic nitrogen in a large eutrophic Lake Taihu, China?. <i>Science of the Total Environment</i> , 2020, 722, 138005.	8.0	11
9	Environmental investments decreased partial pressure of CO <sub>2</sub> in a small eutrophic urban lake: Evidence from long-term measurements. <i>Environmental Pollution</i> , 2020, 263, 114433.	7.5	41
10	Surface nitrous oxide (N <sub>2</sub> O) concentrations and fluxes from different rivers draining contrasting landscapes: Spatio-temporal variability, controls, and implications based on IPCC emission factor. <i>Environmental Pollution</i> , 2020, 263, 114457.	7.5	32
11	Detection of illicit sand mining and the associated environmental effects in China's fourth largest freshwater lake using daytime and nighttime satellite images. <i>Science of the Total Environment</i> , 2019, 647, 606-618.	8.0	58
12	Surface nitrous oxide concentrations and fluxes from water bodies of the agricultural watershed in Eastern China. <i>Environmental Pollution</i> , 2019, 251, 185-192.	7.5	38
13	Methane flux dynamics in a submerged aquatic vegetation zone in a subtropical lake. <i>Science of the Total Environment</i> , 2019, 672, 400-409.	8.0	26
14	Coregulation of nitrous oxide emissions by nitrogen and temperature in China's third largest freshwater lake (Lake Taihu). <i>Limnology and Oceanography</i> , 2019, 64, 1070-1086.	3.1	54
15	Influences of Extreme Weather Conditions on the Carbon Cycles of Bamboo and Tea Ecosystems. <i>Forests</i> , 2018, 9, 629.	2.1	12
16	Accumulation of Terrestrial Dissolved Organic Matter Potentially Enhances Dissolved Methane Levels in Eutrophic Lake Taihu, China. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10297-10306.	10.0	76
17	Spatial variations of methane emission in a large shallow eutrophic lake in subtropical climate. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1597-1614.	3.0	102
18	Spatial distribution and temporal variability of stable water isotopes in a large and shallow lake. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 443-454.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Temporal Dynamics and Drivers of Ecosystem Metabolism in a Large Subtropical Shallow Lake (Lake Tj ETQq1 1 0.784314 rgBT /Over	2.6	14
20	A Flux-Gradient System for Simultaneous Measurement of the CH <sub>4</sub> , CO <sub>2</sub> , and H <sub>2</sub> O Fluxes at a Lake–Air Interface. Environmental Science & Technology, 2014, 48, 14490-14498.	10.0	38
21	The Taihu Eddy Flux Network: An Observational Program on Energy, Water, and Greenhouse Gas Fluxes of a Large Freshwater Lake. Bulletin of the American Meteorological Society, 2014, 95, 1583-1594.	3.3	77
22	Temporal and spatial variations in radiation and energy balance across a large freshwater lake in China. Journal of Hydrology, 2014, 511, 811-824.	5.4	85