

Qitao Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

959
citations

471509

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677142

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22
all docs

22
docs citations

22
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Temporal and spatial variations in radiation and energy balance across a large freshwater lake in China. <i>Journal of Hydrology</i> , 2014, 511, 811-824.	5.4	85
3	Eutrophic Lake Taihu as a significant CO ₂ source during 2000–2015. <i>Water Research</i> , 2020, 170, 115331.	11.3	85
4	The Taihu Eddy Flux Network: An Observational Program on Energy, Water, and Greenhouse Gas Fluxes of a Large Freshwater Lake. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1583-1594.	3.3	77
5	Urban rivers are hotspots of riverine greenhouse gas (N ₂ O, CH ₄ , CO ₂) emissions in the mixed-landscape chaohu lake basin. <i>Water Research</i> , 2021, 189, 116624.	11.3	77
6	Accumulation of Terrestrial Dissolved Organic Matter Potentially Enhances Dissolved Methane Levels in Eutrophic Lake Taihu, China. <i>Environmental Science & Technology</i> , 2018, 52, 10297-10306.	10.0	76
7	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
8	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
9	Environmental investments decreased partial pressure of CO ₂ in a small eutrophic urban lake: Evidence from long-term measurements. <i>Environmental Pollution</i> , 2020, 263, 114433.	7.5	41
10	A Flux-Gradient System for Simultaneous Measurement of the CH ₄ , CO ₂ , and H ₂ O Fluxes at a Lake–Air Interface. <i>Environmental Science & Technology</i> , 2014, 48, 14490-14498.	10.0	38
11	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
12	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
13	A highly agricultural river network in Jurong Reservoir watershed as significant CO ₂ and CH ₄ sources. <i>Science of the Total Environment</i> , 2021, 769, 144558.	8.0	35
14	Surface nitrous oxide (N ₂ 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
15	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
16	Satellite Estimation of Dissolved Carbon Dioxide Concentrations in China's Lake Taihu. <i>Environmental Science & Technology</i> , 2020, 54, 13709-13718.	10.0	24
17	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
18	Satellite estimation of dissolved organic carbon in eutrophic Lake Taihu, China. <i>Remote Sensing of Environment</i> , 2021, 264, 112572.	11.0	17

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19	Influences of Extreme Weather Conditions on the Carbon Cycles of Bamboo and Tea Ecosystems. Forests, 2018, 9, 629.	2.1	12
20	Are nitrous oxide emissions indirectly fueled by input of terrestrial dissolved organic nitrogen in a large eutrophic Lake Taihu, China?. Science of the Total Environment, 2020, 722, 138005.	8.0	11
21	Notable changes of carbon dioxide in a eutrophic lake caused by water diversion. Journal of Hydrology, 2021, 603, 127064.	5.4	10
22	Temporal Dynamics and Drivers of Ecosystem Metabolism in a Large Subtropical Shallow Lake (Lake Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	8