

# Shoudong Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,199  
citations

471509

17  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban heat islands in China enhanced by haze pollution. <i>Nature Communications</i> , 2016, 7, 12509.	12.8	286
2	Global lake evaporation accelerated by changes in surface energy allocation in a warmer climate. <i>Nature Geoscience</i> , 2018, 11, 410-414.	12.9	164
3	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
4	Risk assessment to China's agricultural drought disaster in county unit. <i>Natural Hazards</i> , 2012, 61, 785-801.	3.4	90
5	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
6	Chemical characteristics of dicarboxylic acids and related organic compounds in PM2.5 during biomass-burning and non-biomass-burning seasons at a rural site of Northeast China. <i>Environmental Pollution</i> , 2017, 231, 654-662.	7.5	72
7	Correcting surface solar radiation of two data assimilation systems against FLUXNET observations in North America. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9552-9564.	3.3	60
8	High Contribution of Nonfossil Sources to Submicrometer Organic Aerosols in Beijing, China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7842-7852.	10.0	58
9	Transfer Coefficients of Momentum, Heat and Water Vapour in the Atmospheric Surface Layer of a Large Freshwater Lake. <i>Boundary-Layer Meteorology</i> , 2013, 148, 479-494.	2.3	46
10	Environmental investments decreased partial pressure of CO2 in a small eutrophic urban lake: Evidence from long-term measurements. <i>Environmental Pollution</i> , 2020, 263, 114433.	7.5	41
11	Diurnal and Seasonal Variations of Thermal Stratification and Vertical Mixing in a Shallow Fresh Water Lake. <i>Journal of Meteorological Research</i> , 2018, 32, 219-232.	2.4	33
12	Spatiotemporal variability of the near-surface CO2 concentration across an industrial-urban-rural transect, Nanjing, China. <i>Science of the Total Environment</i> , 2018, 631-632, 1192-1200.	8.0	27
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	An Experimental Investigation of Kinetic Fractionation of Open Water Evaporation Over a Large Lake. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,651.	3.3	21
15	Trends in evaporation of a large subtropical lake. <i>Theoretical and Applied Climatology</i> , 2017, 129, 159-170.	2.8	20
16	Spatiotemporal Characteristics of Lake Breezes over Lake Taihu, China. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 2053-2065.	1.5	19
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	Constraining anthropogenic CH4 emissions in Nanjing and the Yangtze River Delta, China, using atmospheric CO2 and CH4 mixing ratios. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1343-1352.	4.3	14

#	ARTICLE	IF	CITATIONS
19	Radiation Controls the Interannual Variability of Evaporation of a Subtropical Lake. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031264.	3.3	12
20	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
21	Hydrologic implications of the isotopic kinetic fractionation of open-water evaporation. Science China Earth Sciences, 2018, 61, 1523-1532.	5.2	3
22	Nitrous oxide flux observed with tall-tower eddy covariance over a heterogeneous rice cultivation landscape. Science of the Total Environment, 2022, 810, 152210.	8.0	3
23	Comparison of energy balance in summer and winter at Miyun station. , 2011, , .		0