

# Jing Peng

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

203  
citations

1306789

7  
h-index

1058022

14  
g-index

24  
all docs

24  
docs citations

24  
times ranked

231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global monthly gridded atmospheric carbon dioxide concentrations under the historical and future scenarios. <i>Scientific Data</i> , 2022, 9, 83.	2.4	46
2	Global Carbon Sequestration Is Highly Sensitive to Model-Based Formulations of Nitrogen Fixation. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006296.	1.9	31
3	Impacts of CO <sub>2</sub> concentration and climate change on the terrestrial carbon flux using six global climate-carbon coupled models. <i>Ecological Modelling</i> , 2015, 304, 69-83.	1.2	24
4	Sensitivity of Global and Regional Terrestrial Carbon Storage to the Direct CO <sub>2</sub> Effect and Climate Change Based on the CMIP5 Model Intercomparison. <i>PLoS ONE</i> , 2014, 9, e95282.	1.1	18
5	Are there interactive effects of physiological and radiative forcing produced by increased CO <sub>2</sub> concentration on changes of land hydrological cycle?. <i>Global and Planetary Change</i> , 2014, 112, 64-78.	1.6	14
6	Relationship between convective bursts and the rapid intensification of Typhoon Mujigae (2015). <i>Atmospheric Science Letters</i> , 2018, 19, e811.	0.8	12
7	China's Interannual Variability of Net Primary Production Is Dominated by the Central China Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033362.	1.2	8
8	Role contribution of biological nitrogen fixation to future terrestrial net land carbon accumulation under warming condition at centennial scale. <i>Journal of Cleaner Production</i> , 2018, 202, 1158-1166.	4.6	7
9	Spatiotemporal variations of carbon flux and nitrogen deposition flux linked with climate change at the centennial scale in China. <i>Science China Earth Sciences</i> , 2020, 63, 731-748.	2.3	7
10	Global and Regional Estimation of Carbon Uptake Using CMIP6 ESM Compared With TRENDY Ensembles at the Centennial Scale. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035135.	1.2	7
11	On the rapid intensification for Typhoon Meranti (2016): convection, warm core, and heating budget. <i>Frontiers of Earth Science</i> , 2019, 13, 791-807.	0.9	5
12	Estimate of extended long-term LAI data set derived from AVHRR and MODIS based on the correlations between LAI and key variables of the climate system from 1982 to 2009. <i>International Journal of Remote Sensing</i> , 2013, 34, 7761-7778.	1.3	4
13	The integration of nitrogen dynamics into a land surface model. Part 1: model description and site-scale validation. <i>Atmospheric and Oceanic Science Letters</i> , 2019, 12, 50-57.	0.5	4
14	Ground sampling methods for surface soil moisture in heterogeneous pixels. <i>Environmental Earth Sciences</i> , 2015, 73, 6427-6436.	1.3	3
15	Subdaily to Seasonal Change of Surface Energy and Water Flux of the Haihe River Basin in China: Noah and Noah-MP Assessment. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 79-92.	1.9	3
16	Overestimated Terrestrial Carbon Uptake in the Future Owing to the Lack of Spatial Variations CO <sub>2</sub> in an Earth System Model. <i>Earth's Future</i> , 2022, 10, .	2.4	3
17	Convection, latent heating and potential temperature budget in the rapidly intensifying Typhoon Mujigae (2015). <i>Atmospheric Science Letters</i> , 2019, 20, e931.	0.8	2
18	Integration of nitrogen dynamics into the land surface model AVIM. Part 2: baseline data and variation of carbon and nitrogen fluxes in China. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 518-526.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Response of Growing Season Gross Primary Production to El Niño in Different Phases of the Pacific Decadal Oscillation over Eastern China Based on Bayesian Model Averaging. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1580-1595.	1.9	1
20	Ocean-atmosphere Teleconnections Play a Key Role in the Interannual Variability of Seasonal Gross Primary Production in China. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1329-1342.	1.9	1
21	Estimation of China's Contribution to Global Greening over the Past Three Decades. <i>Land</i> , 2022, 11, 393.	1.2	1
22	Upper-tropospheric potential vorticity anomaly before the rapid intensification of Typhoon Mujigae (2015) and its response to reduced SST. <i>Atmospheric and Oceanic Science Letters</i> , 2020, 13, 390-399.	0.5	0
23	Absolute Contribution of the Non-Uniform Spatial Distribution of Atmospheric CO <sub>2</sub> to Net Primary Production through CO <sub>2</sub> -Radiative Forcing. <i>Sustainability</i> , 2021, 13, 10897.	1.6	0