

# Peng Cai

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

305  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study on the climatic effect of the Aral Sea. Atmospheric Research, 2022, 268, 105977.	4.1	9
2	Study on the Relationship between Snowmelt Runoff for Different Latitudes and Vegetation Growth Based on an Improved SWAT Model in Xinjiang, China. Sustainability, 2021, 13, 1189.	3.2	5
3	Impacts of Historical Land Use/Cover Change (1980–2015) on Summer Climate in the Aral Sea Region. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD032638.	3.3	17
4	Assessment of Climate Change in Central Asia from 1980 to 2100 Using the Köppen-Geiger Climate Classification. Atmosphere, 2021, 12, 123.	2.3	12
5	Expansion of Impervious Surfaces and Their Driving Forces in Highly Urbanized Cities in Kyrgyzstan. International Journal of Environmental Research and Public Health, 2020, 17, 362.	2.6	17
6	The State-of-the-Art of Urban Climate Change Modeling and Observations. Earth Systems and Environment, 2020, 4, 631-646.	6.2	64
7	Numerical Study of the Interaction between Oasis and Urban Areas within an Arid Mountains-Desert System in Xinjiang, China. Atmosphere, 2020, 11, 85.	2.3	9
8	The Responses of the Ecosystems in the Tianshan North Slope under Multiple Representative Concentration Pathway Scenarios in the Middle of the 21st Century. Sustainability, 2020, 12, 427.	3.2	2
9	Agriculture intensification increases summer precipitation in Tianshan Mountains, China. Atmospheric Research, 2019, 227, 140-146.	4.1	30
10	Numerical Simulation of the Irrigation Effects on Surface Fluxes and Local Climate in Typical Mountain-Oasis-Desert Systems in the Central Asia Arid Area. Journal of Geophysical Research D: Atmospheres, 2019, 124, 12485-12506.	3.3	28
11	Landslide Susceptibility Assessment Using Spatial Multi-Criteria Evaluation Model in Rwanda. International Journal of Environmental Research and Public Health, 2018, 15, 243.	2.6	91
12	Improved Atmospheric Modelling of the Oasis-Desert System in Central Asia Using WRF with Actual Satellite Products. Remote Sensing, 2017, 9, 1273.	4.0	21