

# Yiyi Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/43547/publications.pdf>

Version: 2024-02-01

14  
papers

218  
citations

1163117

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1125743

13  
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14  
all docs

14  
docs citations

14  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thicker Clouds and Accelerated Arctic Sea Ice Decline: The Atmosphere–Sea Ice Interactions in Spring. <i>Geophysical Research Letters</i> , 2019, 46, 6980-6989.	4.0	47
2	Quantifying the Uncertainties of Reanalyzed Arctic Cloud and Radiation Properties Using Satellite Surface Observations. <i>Journal of Climate</i> , 2017, 30, 8007-8029.	3.2	31
3	Process Drivers, Inter-Model Spread, and the Path Forward: A Review of Amplified Arctic Warming. <i>Frontiers in Earth Science</i> , 2022, 9, .	1.8	31
4	The footprints of 16-yr trends of Arctic springtime cloud and radiation properties on September sea ice retreat. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2179-2193.	3.3	20
5	Summertime low clouds mediate the impact of the large-scale circulation on Arctic sea ice. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	18
6	Summertime atmosphere–sea ice coupling in the Arctic simulated by CMIP5/6 models: Importance of large-scale circulation. <i>Climate Dynamics</i> , 2021, 56, 1467-1485.	3.8	17
7	A survey of the atmospheric physical processes key to the onset of Arctic sea ice melt in spring. <i>Climate Dynamics</i> , 2019, 52, 4907-4922.	3.8	13
8	Benchmarking of Data-Driven Causality Discovery Approaches in the Interactions of Arctic Sea Ice and Atmosphere. <i>Frontiers in Big Data</i> , 2021, 4, 642182.	2.9	10
9	The climate response to increased cloud liquid water over the Arctic in CESM1: a sensitivity study of Wegener–Bergeron–Findeisen process. <i>Climate Dynamics</i> , 2021, 56, 3373-3394.	3.8	8
10	Toward a more realistic representation of surface albedo in NASA CERES-derived surface radiative fluxes. <i>Elementa</i> , 2022, 10, .	3.2	7
11	New Observational Constraints on Warm Rain Processes and Their Climate Implications. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091836.	4.0	6
12	Precipitation influence on and response to early and late Arctic sea ice melt onset during melt season. <i>International Journal of Climatology</i> , 2022, 42, 81-96.	3.5	5
13	Scalable and Flexible Two-Phase Ensemble Algorithms for Causality Discovery. <i>Big Data Research</i> , 2021, 26, 100252.	4.2	4
14	Multi-Task Deep Learning Based Spatiotemporal Arctic Sea Ice Forecasting. , 2021, , .		1