

# Sihan Li

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,144  
citations

623574

14  
h-index

526166

27  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attribution of extreme rainfall from Hurricane Harvey, August 2017. <i>Environmental Research Letters</i> , 2017, 12, 124009.	2.2	330
2	Attribution of the Australian bushfire risk to anthropogenic climate change. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 941-960.	1.5	171
3	Perspectives on the causes of exceptionally low 2015 snowpack in the western United States. <i>Geophysical Research Letters</i> , 2016, 43, 10980.	1.5	85
4	Attributing high-impact extreme events across timescales—a case study of four different types of events. <i>Climatic Change</i> , 2018, 149, 399-412.	1.7	72
5	Coupling of El Niño events and long-term warming leads to pervasive climate extremes in the terrestrial tropics. <i>Environmental Research Letters</i> , 2019, 14, 105002.	2.2	46
6	Seasonal spatial patterns of projected anthropogenic warming in complex terrain: a modeling study of the western US. <i>Climate Dynamics</i> , 2017, 48, 2191-2213.	1.7	44
7	Anthropogenic Influence on Recent Severe Autumn Fire Weather in the West Coast of the United States. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	41
8	Superensemble Regional Climate Modeling for the Western United States. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 203-215.	1.7	32
9	Anthropogenic Influence on the 2018 Summer Warm Spell in Europe: The Impact of Different Spatio-Temporal Scales. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S41-S46.	1.7	31
10	Evaluation of a Regional Climate Modeling Effort for the Western United States Using a Superensemble from Weather@home*. <i>Journal of Climate</i> , 2015, 28, 7470-7488.	1.2	28
11	Extreme rainfall and its impacts in the Brazilian Minas Gerais state in January 2020: Can we blame climate change?. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	26
12	Attributing human influence on the July 2017 Chinese heatwave: the influence of sea-surface temperatures. <i>Environmental Research Letters</i> , 2018, 13, 114004.	2.2	23
13	Quantifying Human Impact on the 2018 Summer Longest Heat Wave in South Korea. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S103-S108.	1.7	16
14	A pan-South-America assessment of avoided exposure to dangerous extreme precipitation by limiting to 1.5 °C warming. <i>Environmental Research Letters</i> , 2020, 15, 054005.	2.2	15
15	Parametric Sensitivity of Vegetation Dynamics in the TRIFFID Model and the Associated Uncertainty in Projected Climate Change Impacts on Western U.S. Forests. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2787-2813.	1.3	11
16	Reducing climate model biases by exploring parameter space with large ensembles of climate model simulations and statistical emulation. <i>Geoscientific Model Development</i> , 2019, 12, 3017-3043.	1.3	11
17	The role of human-induced climate change in heavy rainfall events such as the one associated with Typhoon Hagibis. <i>Climatic Change</i> , 2022, 172, .	1.7	10
18	Less warming projected during heavy winter precipitation in the Cascades and Sierra Nevada. <i>International Journal of Climatology</i> , 2017, 37, 3984-3990.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Influence of the Ocean and Greenhouse Gases on Severe Drought Likelihood in the Central United States in 2012. <i>Journal of Climate</i> , 2017, 30, 1789-1806.	1.2	6
20	Anthropogenic climate change contribution to wildfire-prone weather conditions in the Cerrado and Arc of deforestation. <i>Environmental Research Letters</i> , 2021, 16, 094051.	2.2	6
21	Identifying local-scale meteorological conditions favorable to large fires in Brazil. <i>Climate Resilience and Sustainability</i> , 2022, 1, .	0.9	5
22	On High Precipitation in Mozambique, Zimbabwe and Zambia in February 2018. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S47-S52.	1.7	3
23	A 1-Day Extreme Rainfall Event in Tasmania: Process Evaluation and Long Tail Attribution. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S123-S128.	1.7	3
24	Physical processes of summer extreme rainfall interannual variability in eastern China: Part I—observational analysis. <i>Climate Dynamics</i> , 2022, 59, 201-217.	1.7	3
25	Spatial patterns of extreme precipitation and their changes under ~2°C global warming: a large-ensemble study of the western USA. <i>Climate Dynamics</i> , 2022, 59, 2363-2379.	1.7	3
26	Physical processes of summer extreme rainfall interannual variability in Eastern China—part II: evaluation of CMIP6 models. <i>Climate Dynamics</i> , 2022, 59, 455-469.	1.7	2