

Nicholas Siler

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

693
citations

623734

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752698

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21
all docs

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docs citations

21
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.8	3
2	Understanding drivers of glacier-length variability over the last millennium. <i>Cryosphere</i> , 2021, 15, 1645-1662.	3.9	7
3	The large-scale, long-term coupling of temperature, hydrology, and water isotopes. <i>Journal of Climate</i> , 2021, , 1-51.	3.2	3
4	Simulating Miocene Warmth: Insights From an Opportunistic Multi-Model Ensemble (MioMIP1). <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004054.	2.9	52
5	Enhancing Understanding of the Hydrological Cycle via Pairing of Process-Oriented and Isotope Ratio Tracers. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002648.	3.8	7
6	Responses and impacts of atmospheric rivers to climate change. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 143-157.	29.7	171
7	Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleocene-Eocene Thermal Maximum (PETM), and latest Paleocene. <i>Climate of the Past</i> , 2020, 16, 1953-1968.	3.4	71
8	Revisiting the surface-energy-flux perspective on the sensitivity of global precipitation to climate change. <i>Climate Dynamics</i> , 2019, 52, 3983-3995.	3.8	17
9	Meridional Atmospheric Heat Transport Constrained by Energetics and Mediated by Large-Scale Diffusion. <i>Journal of Climate</i> , 2019, 32, 3655-3680.	3.2	44
10	Natural Variability Has Slowed the Decline in Western U.S. Snowpack Since the 1980s. <i>Geophysical Research Letters</i> , 2019, 46, 346-355.	4.0	38
11	Variability in modeled cloud feedback tied to differences in the climatological spatial pattern of clouds. <i>Climate Dynamics</i> , 2018, 50, 1209-1220.	3.8	16
12	The interplay of internal and forced modes of Hadley Cell expansion: lessons from the global warming hiatus. <i>Climate Dynamics</i> , 2018, 51, 305-319.	3.8	42
13	Insights into the Zonal-Mean Response of the Hydrologic Cycle to Global Warming from a Diffusive Energy Balance Model. <i>Journal of Climate</i> , 2018, 31, 7481-7493.	3.2	28
14	Sources of Uncertainty in the Meridional Pattern of Climate Change. <i>Geophysical Research Letters</i> , 2018, 45, 9131-9140.	4.0	26
15	Tropical Ocean Contributions to California's Surprisingly Dry El Niño of 2015/16. <i>Journal of Climate</i> , 2017, 30, 10067-10079.	3.2	29
16	Identifying Dynamically Induced Variability in Glacier Mass-Balance Records. <i>Journal of Climate</i> , 2016, 29, 8915-8929.	3.2	5
17	What Causes Weak Orographic Rain Shadows? Insights from Case Studies in the Cascades and Idealized Simulations. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4077-4099.	1.7	18
18	Assessing the Impact of the Tropopause on Mountain Waves and Orographic Precipitation Using Linear Theory and Numerical Simulations. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 803-820.	1.7	12

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19	How will orographic precipitation respond to surface warming? An idealized thermodynamic perspective. <i>Geophysical Research Letters</i> , 2014, 41, 2606-2613.	4.0	60
20	On the Dynamical Causes of Variability in the Rain-Shadow Effect: A Case Study of the Washington Cascades. <i>Journal of Hydrometeorology</i> , 2013, 14, 122-139.	1.9	44