Nicole Feldl

List of Publications by Year
in descending order

22 papers	1,135 citations	516710 16 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1298 citing authors

#	Article	IF	Citations
1	Partial and Complete Rupture of the Indo-Andaman Plate Boundary 1847-2004. Seismological Research Letters, 2005, 76, 299-311.	1.9	181
2	The dependence of transient climate sensitivity and radiative feedbacks on the spatial pattern of ocean heat uptake. Geophysical Research Letters, 2014, 41, 1071-1078.	4.0	175
3	Great Himalayan earthquakes and the Tibetan plateau. Nature, 2006, 444, 165-170.	27.8	156
4	The remote impacts of climate feedbacks on regional climate predictability. Nature Geoscience, 2015, 8, 135-139.	12.9	88
5	The Nonlinear and Nonlocal Nature of Climate Feedbacks. Journal of Climate, 2013, 26, 8289-8304.	3.2	86
6	DIFFERENCES IN WATER VAPOR RADIATIVE TRANSFER AMONG 1D MODELS CAN SIGNIFICANTLY AFFECT THE INNER EDGE OF THE HABITABLE ZONE. Astrophysical Journal, 2016, 826, 222.	4.5	68
7	Four perspectives on climate feedbacks. Geophysical Research Letters, 2013, 40, 4007-4011.	4.0	50
8	Sea ice and atmospheric circulation shape the high-latitude lapse rate feedback. Npj Climate and Atmospheric Science, 2020, 3, .	6.8	49
9	Characterizing the Hadley Circulation Response through Regional Climate Feedbacks. Journal of Climate, 2016, 29, 613-622.	3.2	41
10	Coupled High-Latitude Climate Feedbacks and Their Impact on Atmospheric Heat Transport. Journal of Climate, 2017, 30, 189-201.	3.2	41
11	Process Drivers, Inter-Model Spread, and the Path Forward: A Review of Amplified Arctic Warming. Frontiers in Earth Science, 2022, 9, .	1.8	31
12	Sources of Uncertainty in the Meridional Pattern of Climate Change. Geophysical Research Letters, 2018, 45, 9131-9140.	4.0	26
13	Atmospheric Eddies Mediate Lapse Rate Feedback and Arctic Amplification. Journal of Climate, 2017, 30, 9213-9224.	3.2	24
14	Sensitivity of Polar Amplification to Varying Insolation Conditions. Journal of Climate, 2018, 31, 4933-4947.	3.2	22
15	Climate Variability and the Shape of Daily Precipitation: A Case Study of ENSO and the American West. Journal of Climate, 2011, 24, 2483-2499.	3.2	18
16	Polar Amplification in Idealized Climates: The Role of Ice, Moisture, and Seasons. Geophysical Research Letters, 2021, 48, e2021GL094130.	4.0	18
17	Revisiting the surface-energy-flux perspective on the sensitivity of global precipitation to climate change. Climate Dynamics, 2019, 52, 3983-3995.	3.8	17
18	Causal Interactions between Southern Ocean Polynyas and High-Latitude Atmosphereâ€“Ocean Variability. Journal of Climate, 2020, 33, 4891-4905.	3.2	12

#	Article	IF	Citations
19	Emergent Behavior of Arctic Precipitation in Response to Enhanced Arctic Warming. Journal of Geophysical Research D: Atmospheres, 2018, 123, 2704-2717.	3.3	11
20	The influence of regional feedbacks on circulation sensitivity. Geophysical Research Letters, 2014, 41, 2212-2220.	4.0	8
21	Causes of the Arcticâ€™s Lower-Tropospheric Warming Structure. Journal of Climate, 2022, 35, 1983-2002.	3.2	7
22	Climate Sensitivity is Sensitive to Changes in Ocean Heat Transport. Journal of Climate, 2022, 35, 2653-2674.	3.2	6