

Christian Stepanek

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,596
citations

331538

21
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414303

32
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docs citations

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times ranked

1695
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of CO ₂ and Ocean Mixing on Miocene and Pliocene Temperature Gradients. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	8
2	Past terrestrial hydroclimate sensitivity controlled by Earth system feedbacks. <i>Nature Communications</i> , 2022, 13, 1306.	5.8	28
3	Mid-Pliocene Atlantic Meridional Overturning Circulation simulated in PlioMIP2. <i>Climate of the Past</i> , 2021, 17, 529-543.	1.3	20
4	Mediterranean heat injection to the North Atlantic delayed the intensification of Northern Hemisphere glaciations. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	6
5	Mid-Pliocene West African Monsoon rainfall as simulated in the PlioMIP2 ensemble. <i>Climate of the Past</i> , 2021, 17, 1777-1794.	1.3	10
6	Large-scale features of Last Interglacial climate: results from evaluating the <i>CCSM</i> simulations for the Coupled Model Intercomparison Project (CMIP6)â€œPaleoclimate Modeling Intercomparison Project (PMIP4). <i>Climate of the Past</i> , 2021, 17, 63-94.	1.3	76
7	A salty deep ocean as a prerequisite for glacial termination. <i>Nature Geoscience</i> , 2021, 14, 930-936.	5.4	11
8	Reduced El NiÃ±o variability in the mid-Pliocene according to the PlioMIP2 ensemble. <i>Climate of the Past</i> , 2021, 17, 2427-2450.	1.3	10
9	Evaluating the large-scale hydrological cycle response within the Pliocene Model Intercomparison Project Phase 2 (PlioMIP2) ensemble. <i>Climate of the Past</i> , 2021, 17, 2537-2558.	1.3	21
10	Drier tropical and subtropical Southern Hemisphere in the mid-Pliocene Warm Period. <i>Scientific Reports</i> , 2020, 10, 13458.	1.6	25
11	Global River Discharge and Floods in the Warmer Climate of the Last Interglacial. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089375.	1.5	18
12	Abrupt Climate and Weather Changes Across Time Scales. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003782.	1.3	51
13	Lessons from a high-CO ₂ world: an ocean view from 3 million years ago. <i>Climate of the Past</i> , 2020, 16, 1599-1615.	1.3	52
14	Sensitivity of mid-Pliocene climate to changes in orbital forcing and PlioMIP's boundary conditions. <i>Climate of the Past</i> , 2020, 16, 1643-1665.	1.3	11
15	The Pliocene Model Intercomparison Project Phase 2: large-scale climate features and climate sensitivity. <i>Climate of the Past</i> , 2020, 16, 2095-2123.	1.3	93
16	Contribution of the coupled atmosphereâ€œoceanâ€œsea iceâ€œvegetation model COSMOS to the PlioMIP2. <i>Climate of the Past</i> , 2020, 16, 2275-2323.	1.3	25
17	Evaluation of Arctic warming in mid-Pliocene climate simulations. <i>Climate of the Past</i> , 2020, 16, 2325-2341.	1.3	21
18	Evaluation of FESOM2.0 Coupled to ECHAM6.3: Preindustrial and HighResMIP Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3794-3815.	1.3	38

#	ARTICLE	IF	CITATIONS
19	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	1.3	30
20	Agreement between reconstructed and modeled boreal precipitation of the Last Interglacial. <i>Science Advances</i> , 2019, 5, eaax7047.	4.7	46
21	Estimates of late Cenozoic climate change relevant to Earth surface processes in tectonically active orogens. <i>Earth Surface Dynamics</i> , 2018, 6, 271-301.	1.0	34
22	Arctic sea ice simulation in the PlioMIP ensemble. <i>Climate of the Past</i> , 2016, 12, 749-767.	1.3	15
23	Rock art imagery as a proxy for Holocene environmental change: A view from Shuwaymis, NW Saudi Arabia. <i>Holocene</i> , 2016, 26, 1822-1834.	0.9	30
24	Climate-vegetation modelling and fossil plant data suggest low atmospheric CO ₂ in the late Miocene. <i>Climate of the Past</i> , 2015, 11, 1701-1732.	1.3	26
25	Using results from the PlioMIP ensemble to investigate the Greenland Ice Sheet during the mid-Pliocene Warm Period. <i>Climate of the Past</i> , 2015, 11, 403-424.	1.3	35
26	Evaluating the dominant components of warming in Pliocene climate simulations. <i>Climate of the Past</i> , 2014, 10, 79-90.	1.3	58
27	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , 2013, 3, 969-974.	8.1	132
28	Sea Surface Temperature of the mid-Piacenzian Ocean: A Data-Model Comparison. <i>Scientific Reports</i> , 2013, 3, 2013.	1.6	124
29	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. <i>Climate of the Past</i> , 2013, 9, 2085-2099.	1.3	60
30	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , 2013, 9, 191-209.	1.3	289
31	Mid-pliocene Atlantic Meridional Overturning Circulation not unlike modern. <i>Climate of the Past</i> , 2013, 9, 1495-1504.	1.3	50
32	Modelling mid-Pliocene climate with COSMOS. <i>Geoscientific Model Development</i> , 2012, 5, 1221-1243.	1.3	94