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List of Publications by Year
in descending order

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35 papers	6,252 citations	218677 26 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	7443 citing authors

#	Article	IF	Citations
1	Climate change projections using the IPSL-CM5 Earth System Model: from CMIP3 to CMIP5. Climate Dynamics, 2013, 40, 2123-2165.	3.8	1,425
2	Evaluation of climate models using palaeoclimatic data. Nature Climate Change, 2012, 2, 417-424.	18.8	779
3	Presentation and Evaluation of the IPSLâ€CM6Aâ€LR Climate Model. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002010.	3.8	541
4	An Assessment of Earth's Climate Sensitivity Using Multiple Lines of Evidence. Reviews of Geophysics, 2020, 58, e2019RG000678.	23.0	498
5	Impact of the LMDZ atmospheric grid configuration on the climate and sensitivity of the IPSL-CM5A coupled model. Climate Dynamics, 2013, 40, 2167-2192.	3.8	250
6	Climate forcing reconstructions for use in PMIP simulations of the Last Millennium (v1.1). Geoscientific Model Development, 2012, 5, 185-191.	3.6	238
7	Key features of the IPSL ocean atmosphere model and its sensitivity to atmospheric resolution. Climate Dynamics, 2010, 34, 1-26.	3.8	235
8	Sahara and Sahel vulnerability to climate changes, lessons from Holocene hydrological data. Quaternary Science Reviews, 2011, 30, 3001-3012.	3.0	222
9	EPICA Dome C record of glacial and interglacial intensities. Quaternary Science Reviews, 2010, 29, 113-128.	3.0	202
10	Evaluation of CMIP5 palaeo-simulations to improve climate projections. Nature Climate Change, 2015, 5, 735-743.	18.8	198
11	Sensitivity of paleoclimate simulation results to season definitions. Journal of Geophysical Research, 1997, 102, 1943-1956.	3.3	176
12	The PMIP4 contribution to CMIP6 â€“ Part 2: Two interglacials, scientific objective and experimental design for Holocene and Last Interglacial simulations. Geoscientific Model Development, 2017, 10, 3979-4003.	3.6	171
13	The PMIP4 contribution to CMIP6 â€“ Part 1: Overview and over-arching analysis plan. Geoscientific Model Development, 2018, 11, 1033-1057.	3.6	164
14	The PMIP4 contribution to CMIP6 â€“ Part 3: The last millennium, scientific objective, and experimental design for the PMIP4 <i>past1000</i> simulations. Geoscientific Model Development, 2017, 10, 4005-4033.	3.6	155
15	The PMIP4 contribution to CMIP6 â€“ Part 4: Scientific objectives and experimental design of the PMIP4-CMIP6 Last Glacial Maximum experiments and PMIP4 sensitivity experiments. Geoscientific Model Development, 2017, 10, 4035-4055.	3.6	137
16	A multi-model assessment of last interglacial temperatures. Climate of the Past, 2013, 9, 699-717.	3.4	134
17	Ice-sheet configuration in the CMIP5/PMIP3 Last Glacial Maximum experiments. Geoscientific Model Development, 2015, 8, 3621-3637.	3.6	95
18	Implementation of the CMIP6 Forcing Data in the IPSLâ€CM6Aâ€LR Model. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001940.	3.8	95

#	Article	IF	Citations
19	Large-scale features and evaluation of the PMIP4-CMIP6 <i>midHolocene</i> simulations. Climate of the Past, 2020, 16, 1847-1872.	3.4	94
20	Large-scale features of Last Interglacial climate: results from evaluating the <i>lig127k</i> simulations for the Coupled Model Intercomparison Project (CMIP6)â€“Paleoclimate Modeling Intercomparison Project (PMIP4). Climate of the Past, 2021, 17, 63-94.	3.4	76
21	Sensitivity of the African and Asian Monsoons to Mid-Holocene Insolation and Data-Inferred Surface Changes. Journal of Climate, 2000, 13, 164-181.	3.2	75
22	A reassessment of lake and wetland feedbacks on the North African Holocene climate. Geophysical Research Letters, 2012, 39, .	4.0	60
23	Agreement between reconstructed and modeled boreal precipitation of the Last Interglacial. Science Advances, 2019, 5, eaax7047.	10.3	46
24	Air moisture control on ocean surface temperature, hidden key to the warm bias enigma. Geophysical Research Letters, 2015, 42, 10,885.	4.0	39
25	Strengths and challenges for transient Mid- to Late Holocene simulations with dynamical vegetation. Climate of the Past, 2019, 15, 997-1024.	3.4	36
26	A multi-model CMIP6-PMIP4 study of Arctic sea ice at 127â€‰ka: sea ice data compilation and model differences. Climate of the Past, 2021, 17, 37-62.	3.4	29
27	Shortwave forcing and feedbacks in Last Glacial Maximum and Mid-Holocene PMIP3 simulations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140424.	3.4	25
28	Global River Discharge and Floods in the Warmer Climate of the Last Interglacial. Geophysical Research Letters, 2020, 47, e2020GL089375.	4.0	18
29	Impact of dust in PMIP-CMIP6 mid-Holocene simulations with the IPSL model. Climate of the Past, 2021, 17, 1091-1117.	3.4	10
30	Calendar effects on surface air temperature and precipitation based on model-ensemble equilibrium and transient simulations from PMIP4 and PACMEDY. Climate of the Past, 2022, 18, 1047-1070.	3.4	8
31	Wetlands of North Africa During the Midâ€Holocene Were at Least Five Times the Area Today. Geophysical Research Letters, 2021, 48, e2021GL094194.	4.0	7
32	Mid-Holocene high-resolution temperature and precipitation gridded reconstructions over China: Implications for elevation-dependent temperature changes. Earth and Planetary Science Letters, 2022, 593, 117656.	4.4	7
33	A Schwarz iterative method to evaluate oceanâ€“atmosphere coupling schemes: implementation and diagnostics in IPSL-CM6-SW-VLR. Geoscientific Model Development, 2021, 14, 2959-2975.	3.6	3
34	Spatial patterns of multiâ€“centennial surface air temperature trends in Antarctica over 1â€“1000 CE: Insights from ice core records and modeling. Quaternary Science Reviews, 2021, 271, 107205.	3.0	2
35	An energy budget approach to understand the Arctic warming during the Last Interglacial. Climate of the Past, 2022, 18, 607-629.	3.4	2