

Camille Contoux

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,645
citations

361413

20
h-index

434195

31
g-index

55
all docs

55
docs citations

55
times ranked

1979
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale features of Pliocene climate: results from the Pliocene Model Intercomparison Project. <i>Climate of the Past</i> , 2013, 9, 191-209.	3.4	289
2	Aridification of the Sahara desert caused by Tethys Sea shrinkage during the Late Miocene. <i>Nature</i> , 2014, 513, 401-404.	27.8	224
3	Challenges in quantifying Pliocene terrestrial warming revealed by data-model discord. <i>Nature Climate Change</i> , 2013, 3, 969-974.	18.8	132
4	Sea Surface Temperature of the mid-Piacenzian Ocean: A Data-Model Comparison. <i>Scientific Reports</i> , 2013, 3, 2013.	3.3	124
5	Implementation of the CMIP6 Forcing Data in the IPSL-CM6A-LR Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001940.	3.8	95
6	The Pliocene Model Intercomparison Project Phase 2: large-scale climate features and climate sensitivity. <i>Climate of the Past</i> , 2020, 16, 2095-2123.	3.4	93
7	Modelling the mid-Pliocene Warm Period climate with the IPSL coupled model and its atmospheric component LMDZ5A. <i>Geoscientific Model Development</i> , 2012, 5, 903-917.	3.6	60
8	Mid-Pliocene East Asian monsoon climate simulated in the PlioMIP. <i>Climate of the Past</i> , 2013, 9, 2085-2099.	3.4	60
9	Evaluating the dominant components of warming in Pliocene climate simulations. <i>Climate of the Past</i> , 2014, 10, 79-90.	3.4	58
10	Mid-pliocene Atlantic Meridional Overturning Circulation not unlike modern. <i>Climate of the Past</i> , 2013, 9, 1495-1504.	3.4	50
11	Runoff and precipitation dynamics in the Blue and White Nile catchments during the mid-Holocene: A data-model comparison. <i>Quaternary Science Reviews</i> , 2015, 130, 222-230.	3.0	46
12	Exploring the MIS M2 glaciation occurring during a warm and high atmospheric CO ₂ Pliocene background climate. <i>Earth and Planetary Science Letters</i> , 2017, 472, 266-276.	4.4	37
13	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.	3.4	35
14	A comparative study of large-scale atmospheric circulation in the context of a future scenario (RCP4.5) and past warmth (mid-Pliocene). <i>Climate of the Past</i> , 2013, 9, 1613-1627.	3.4	30
15	Megalake Chad impact on climate and vegetation during the late Pliocene and the mid-Holocene. <i>Climate of the Past</i> , 2013, 9, 1417-1430.	3.4	29
16	Past terrestrial hydroclimate sensitivity controlled by Earth system feedbacks. <i>Nature Communications</i> , 2022, 13, 1306.	12.8	28
17	Modeling a modern-like warm period (Marine Isotope Stage KM5c) with two versions of an Institut Pierre Simon Laplace ocean coupled general circulation model. <i>Climate of the Past</i> , 2020, 16, 1-16.	3.4	27
18	Drier tropical and subtropical Southern Hemisphere in the mid-Pliocene Warm Period. <i>Scientific Reports</i> , 2020, 10, 13458.	3.3	25

#	ARTICLE	IF	CITATIONS
19	Drivers and mechanisms for enhanced summer monsoon precipitation over East Asia during the mid-Pliocene in the IPSL-CM5A. <i>Climate Dynamics</i> , 2016, 46, 1437-1457.	3.8	23
20	Modelling Greenland ice sheet inception and sustainability during the Late Pliocene. <i>Earth and Planetary Science Letters</i> , 2015, 424, 295-305.	4.4	21
21	Evaluation of Arctic warming in mid-Pliocene climate simulations. <i>Climate of the Past</i> , 2020, 16, 2325-2341.	3.4	21
22	How basin model results enable the study of multi-layer aquifer response to pumping: the Paris Basin, France. <i>Hydrogeology Journal</i> , 2013, 21, 545-557.	2.1	20
23	Mid-Pliocene Atlantic Meridional Overturning Circulation simulated in PlioMIP2. <i>Climate of the Past</i> , 2021, 17, 529-543.	3.4	20
24	The late Pliocene Benguela upwelling status revisited by means of multiple temperature proxies. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 475-491.	2.5	17
25	Arctic sea ice simulation in the PlioMIP ensemble. <i>Climate of the Past</i> , 2016, 12, 749-767.	3.4	15
26	Quantifying East Asian Summer Monsoon Dynamics in the ECP4.5 Scenario With Reference to the Mid-Piacenzian Warm Period. <i>Geophysical Research Letters</i> , 2018, 45, 12,523.	4.0	14
27	Mid-Pliocene West African Monsoon rainfall as simulated in the PlioMIP2 ensemble. <i>Climate of the Past</i> , 2021, 17, 1777-1794.	3.4	10
28	Reduced El Niño variability in the mid-Pliocene according to the PlioMIP2 ensemble. <i>Climate of the Past</i> , 2021, 17, 2427-2450.	3.4	10
29	Bases de données des paléotempératures de l'océan de surface issues des proxies géochimiques analysés sur les sédiments marins : implications pour les comparaisons modernes. <i>Quaternaire</i> , 2017, , 201-216.	0.2	6
30	Climate-inferred distribution estimates of mid-to-late Pliocene hominins. <i>Global and Planetary Change</i> , 2022, 210, 103756.	3.5	4
31	Drivers and mechanisms for enhanced summer monsoon precipitation over East Asia during the mid-Pliocene in the IPSL-CM5A. , 2016, 46, 1437.		1