

Feng He

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

5,723
citations

172457

29
h-index

189892

50
g-index

59
all docs

59
docs citations

59
times ranked

6952
citing authors

#	ARTICLE	IF	CITATIONS
1	Global warming preceded by increasing carbon dioxide concentrations during the last deglaciation. <i>Nature</i> , 2012, 484, 49-54.	27.8	1,141
2	Transient Simulation of Last Deglaciation with a New Mechanism for BÅlling-AllerÅd Warming. <i>Science</i> , 2009, 325, 310-314.	12.6	843
3	Global climate evolution during the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1134-42.	7.1	422
4	Ice-shelf collapse from subsurface warming as a trigger for Heinrich events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13415-13419.	7.1	278
5	NoÃ€analog climates and shifting realized niches during the late quaternary: implications for 21stÃ€century predictions by species distribution models. <i>Global Change Biology</i> , 2012, 18, 1698-1713.	9.5	243
6	Greenland temperature response to climate forcing during the last deglaciation. <i>Science</i> , 2014, 345, 1177-1180.	12.6	226
7	Rethinking Tropical Ocean Response to Global Warming: The Enhanced Equatorial Warming*. <i>Journal of Climate</i> , 2005, 18, 4684-4700.	3.2	212
8	Northern Hemisphere forcing of Southern Hemisphere climate during the last deglaciation. <i>Nature</i> , 2013, 494, 81-85.	27.8	186
9	Coherent changes of southeastern equatorial and northern African rainfall during the last deglaciation. <i>Science</i> , 2014, 346, 1223-1227.	12.6	172
10	Regional and global sea-surface temperatures during the last interglaciation. <i>Science</i> , 2017, 355, 276-279.	12.6	157
11	Late Holocene climate: Natural or anthropogenic?. <i>Reviews of Geophysics</i> , 2016, 54, 93-118.	23.0	150
12	Beyond the bipolar seesaw: Toward a process understanding of interhemispheric coupling. <i>Quaternary Science Reviews</i> , 2018, 192, 27-46.	3.0	150
13	Consistent evidence of increasing Antarctic accumulation with warming. <i>Nature Climate Change</i> , 2015, 5, 348-352.	18.8	130
14	The spatial extent and dynamics of the Antarctic Cold Reversal. <i>Nature Geoscience</i> , 2016, 9, 51-55.	12.9	118
15	Abrupt ice-age shifts in southern westerly winds and Antarctic climate forced from the north. <i>Nature</i> , 2018, 563, 681-685.	27.8	108
16	GreenlandÃ€Wide Seasonal Temperatures During the Last Deglaciation. <i>Geophysical Research Letters</i> , 2018, 45, 1905-1914.	4.0	105
17	Younger Dryas cooling and the Greenland climate response to CO ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11101-11104.	7.1	85
18	A major advance of tropical Andean glaciers during the Antarctic cold reversal. <i>Nature</i> , 2014, 513, 224-228.	27.8	84

#	ARTICLE	IF	CITATIONS
19	Regional and global forcing of glacier retreat during the last deglaciation. <i>Nature Communications</i> , 2015, 6, 8059.	12.8	71
20	Atmospheric Teleconnections of Tropical Atlantic Variability: Interhemispheric, Tropicalâ€“Extratropical, and Cross-Basin Interactions. <i>Journal of Climate</i> , 2007, 20, 856-870.	3.2	67
21	African climate response to orbital and glacial forcing in 140,000-y simulation with implications for early modern human environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2255-2264.	7.1	67
22	Oceanic forcing of penultimate deglacial and last interglacial sea-level rise. <i>Nature</i> , 2020, 577, 660-664.	27.8	62
23	Climate evolution across the Mid-Brunhes Transition. <i>Climate of the Past</i> , 2018, 14, 2071-2087.	3.4	58
24	Modeling the climatic drivers of spatial patterns in vegetation composition since the Last Glacial Maximum. <i>Ecography</i> , 2013, 36, 460-473.	4.5	57
25	Simulating global and local surface temperature changes due to Holocene anthropogenic land cover change. <i>Geophysical Research Letters</i> , 2014, 41, 623-631.	4.0	55
26	The ice age ecologist: testing methods for reserve prioritization during the last global warming. <i>Global Ecology and Biogeography</i> , 2013, 22, 289-301.	5.8	47
27	The early anthropogenic hypothesis: A review. <i>Quaternary Science Reviews</i> , 2020, 240, 106386.	3.0	40
28	Cold surges and dust events: Establishing the link between the East Asian Winter Monsoon and the Chinese loess record. <i>Quaternary Science Reviews</i> , 2016, 149, 102-108.	3.0	37
29	Resolving seasonal rainfall changes in the Middle East during the last interglacial period. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24985-24990.	7.1	33
30	Coupled ocean-atmosphere response to north tropical Atlantic SST: Tropical Atlantic dipole and ENSO. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	29
31	The dependence of equilibrium climate sensitivity on climate state: Applications to studies of climates colder than present. <i>Geophysical Research Letters</i> , 2013, 40, 3721-3726.	4.0	28
32	The penultimate deglaciation: protocol for Paleoclimate Modelling Intercomparison Project (PMIP) phase 4 transient numerical simulations between 140 and 127â€“ka, version 1.0. <i>Geoscientific Model Development</i> , 2019, 12, 3649-3685.	3.6	26
33	Persistent millennial-scale glacier fluctuations in Ireland between 24 ka and 10 ka. <i>Geology</i> , 2018, 46, 151-154.	4.4	25
34	Northern Hemisphere forcing of the last deglaciation in southern Patagonia. <i>Geology</i> , 2012, 40, 631-634.	4.4	24
35	Orbital controls on Namib Desert hydroclimate over the past 50,000 years. <i>Geology</i> , 2019, 47, 867-871.	4.4	23
36	More efficient North Atlantic carbon pump during the Last Glacial Maximum. <i>Nature Communications</i> , 2019, 10, 2170.	12.8	22

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37	Does pre-industrial warming double the anthropogenic total?. <i>Infrastructure Asset Management</i> , 2014, 1, 147-153.	1.6	21
38	Heat Transport Compensation in Atmosphere and Ocean over the Past 22,000 Years. <i>Scientific Reports</i> , 2015, 5, 16661.	3.3	20
39	Freshwater forcing of the Atlantic Meridional Overturning Circulation revisited. <i>Nature Climate Change</i> , 2022, 12, 449-454.	18.8	18
40	On the Abruptness of BÅllingâ€“AllerÅd Warming. <i>Journal of Climate</i> , 2016, 29, 4965-4975.	3.2	17
41	Modeling the surface mass-balance response of the Laurentide Ice Sheet to BÅlling warming and its contribution to Meltwater Pulse 1A. <i>Earth and Planetary Science Letters</i> , 2012, 315-316, 24-29.	4.4	13
42	Glacial Inception in Marine Isotope Stage 19: An Orbital Analog for a Natural Holocene Climate. <i>Scientific Reports</i> , 2018, 8, 10213.	3.3	12
43	Retreat of the Antarctic Ice Sheet During the Last Interglaciation and Implications for Future Change. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094513.	4.0	10
44	Modelâ€“proxy comparison for overshoot phenomenon of Atlantic thermohaline circulation at BÅllingâ€“AllerÅd. <i>Science Bulletin</i> , 2014, 59, 4510-4515.	1.7	5
45	Deglacial Tropical Atlantic subsurface warming links ocean circulation variability to the West African Monsoon. <i>Scientific Reports</i> , 2017, 7, 15390.	3.3	5
46	Model evidence for climatic impact of thermohaline circulation on China at the century scale. <i>Science Bulletin</i> , 2010, 55, 3215-3221.	1.7	4
47	Simulated Two-Stage Recovery of Atlantic Meridional Overturning Circulation During the Last Deglaciation. <i>Geophysical Monograph Series</i> , 2011, , 75-92.	0.1	4
48	Impact of North Atlantic â€“GIN Sea exchange on deglaciation evolution of the Atlantic Meridional Overturning Circulation. <i>Climate of the Past</i> , 2011, 7, 935-940.	3.4	4
49	Climate Outcomes of Earth-similar Worlds as a Function of Obliquity and Rotation Rate. <i>Astrophysical Journal</i> , 2022, 933, 62.	4.5	3
50	Spatial pattern and temporal evolution of glacial terminations of the last 800 ka. <i>Past Global Change Magazine</i> , 2017, 25, 118-118.	0.1	1
51	Did agriculture beget agriculture during the past several millennia?. <i>Holocene</i> , 0, , 095968362210882.	1.7	1
52	Rapid neoglaciation on Ellesmere Island promoted by enhanced summer snowfall in a transient climate model simulation of the middle-late-Holocene. <i>Holocene</i> , 2020, 30, 1474-1480.	1.7	0