

William H G Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

860
citations

623574

14
h-index

713332

21
g-index

29
all docs

29
docs citations

29
times ranked

1488
citing authors

#	ARTICLE	IF	CITATIONS
1	Past East Asian monsoon evolution controlled by paleogeography, not CO ₂ . <i>Science Advances</i> , 2019, 5, eaax1697.	4.7	192
2	The BRIDGE HadCM3 family of climate models: HadCM3@Bristol v1.0. <i>Geoscientific Model Development</i> , 2017, 10, 3715-3743.	1.3	188
3	Antarctic surface temperature and elevation during the Last Glacial Maximum. <i>Science</i> , 2021, 372, 1097-1101.	6.0	61
4	Ocean dominated expansion and contraction of the late Quaternary tropical rainbelt. <i>Scientific Reports</i> , 2017, 7, 9382.	1.6	43
5	Southern Hemisphere climate variability forced by Northern Hemisphere ice-sheet topography. <i>Nature</i> , 2018, 554, 351-355.	13.7	41
6	Increasing mitigation ambition to meet the Paris Agreement's temperature goal avoids substantial heat-related mortality in U.S. cities. <i>Science Advances</i> , 2019, 5, eaau4373.	4.7	37
7	Topography's crucial role in Heinrich Events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16688-16693.	3.3	34
8	A new constraint on the size of Heinrich Events from an iceberg/sediment model. <i>Earth and Planetary Science Letters</i> , 2014, 386, 1-9.	1.8	34
9	Can energy fluxes be used to interpret glacial/interglacial precipitation changes in the tropics?. <i>Geophysical Research Letters</i> , 2017, 44, 6373-6382.	1.5	34
10	Rainwater isotopes in central Vietnam controlled by two oceanic moisture sources and rainout effects. <i>Scientific Reports</i> , 2020, 10, 16482.	1.6	29
11	Wind-Driven Evolution of the North Pacific Subpolar Gyre Over the Last Deglaciation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086328.	1.5	28
12	Characterizing unforced multi-decadal variability of ENSO: a case study with the GFDL CM2.1 coupled GCM. <i>Climate Dynamics</i> , 2017, 49, 2845-2862.	1.7	24
13	ENSO in the Mid-Holocene according to CSM and HadCM3. <i>Journal of Climate</i> , 2014, 27, 1223-1242.	1.2	21
14	Simulation of the mid-Pliocene Warm Period using HadGEM3: experimental design and results from model-model and model-data comparison. <i>Climate of the Past</i> , 2021, 17, 2139-2163.	1.3	15
15	The Mechanisms that Determine the Response of the Northern Hemisphere's Stationary Waves to North American Ice Sheets. <i>Journal of Climate</i> , 2019, 32, 3917-3940.	1.2	12
16	Drying in the Middle East During Northern Hemisphere Cold Events of the Early Glacial Period. <i>Geophysical Research Letters</i> , 2019, 46, 14003-14010.	1.5	11
17	Termination 1 Millennial-scale Rainfall Events Over the Sunda Shelf. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
18	Green Mountains and White Plains: The Effect of Northern Hemisphere Ice Sheets on the Global Energy Budget. <i>Journal of Climate</i> , 2017, 30, 3887-3905.	1.2	10

#	ARTICLE	IF	CITATIONS
19	A new tool for evaluating the physics of coupled atmosphere–ocean variability in nature and in general circulation models. <i>Climate Dynamics</i> , 2011, 36, 907-923.	1.7	9
20	Controls on the Tropical Response to Abrupt Climate Changes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087518.	1.5	8
21	The role of basal hydrology in the surging of the Laurentide Ice Sheet. <i>Climate of the Past</i> , 2016, 12, 1601-1617.	1.3	6
22	Ocean dominated expansion and contraction of the late Quaternary tropical rainbelt. , 0, .		1