

Toby R Ault

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3575283/publications.pdf>

Version: 2024-02-01

21
papers

4,148
citations

394421

19
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

6517
citing authors

#	ARTICLE	IF	CITATIONS
1	Unprecedented 21st century drought risk in the American Southwest and Central Plains. <i>Science Advances</i> , 2015, 1, e1400082.	10.3	1,092
2	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	3.2	877
3	Anthropogenic climate change has slowed global agricultural productivity growth. <i>Nature Climate Change</i> , 2021, 11, 306-312.	18.8	336
4	On the essentials of drought in a changing climate. <i>Science</i> , 2020, 368, 256-260.	12.6	258
5	Assessing the Risk of Persistent Drought Using Climate Model Simulations and Paleoclimate Data. <i>Journal of Climate</i> , 2014, 27, 7529-7549.	3.2	196
6	Phylogenetic conservatism in plant phenology. <i>Journal of Ecology</i> , 2013, 101, 1520-1530.	4.0	182
7	Mid-latitude net precipitation decreased with Arctic warming during the Holocene. <i>Nature</i> , 2019, 568, 83-87.	27.8	174
8	Relative impacts of mitigation, temperature, and precipitation on 21st-century megadrought risk in the American Southwest. <i>Science Advances</i> , 2016, 2, e1600873.	10.3	168
9	Climatic Controls on the Snowmelt Hydrology of the Northern Rocky Mountains. <i>Journal of Climate</i> , 2011, 24, 1666-1687.	3.2	119
10	Sensitivity of Spring Phenology to Warming Across Temporal and Spatial Climate Gradients in Two Independent Databases. <i>Ecosystems</i> , 2012, 15, 1283-1294.	3.4	107
11	Relative outcomes of climate change mitigation related to global temperature versus sea-level rise. <i>Nature Climate Change</i> , 2012, 2, 576-580.	18.8	107
12	The Continuum of Hydroclimate Variability in Western North America during the Last Millennium. <i>Journal of Climate</i> , 2013, 26, 5863-5878.	3.2	106
13	Spring onset variations and trends in the continental United States: past and regional assessment using temperature-based indices. <i>International Journal of Climatology</i> , 2013, 33, 2917-2922.	3.5	100
14	The imprint of climate within Northern Hemisphere trees. <i>Quaternary Science Reviews</i> , 2014, 89, 1-4.	3.0	85
15	No consistent ENSO response to volcanic forcing over the last millennium. <i>Science</i> , 2020, 367, 1477-1481.	12.6	68
16	Climate Variability, Volcanic Forcing, and Last Millennium Hydroclimate Extremes. <i>Journal of Climate</i> , 2018, 31, 4309-4327.	3.2	47
17	A Robust Null Hypothesis for the Potential Causes of Megadrought in Western North America. <i>Journal of Climate</i> , 2018, 31, 3-24.	3.2	47
18	Exacerbation of the 2013–2016 Pan–Caribbean Drought by Anthropogenic Warming. <i>Geophysical Research Letters</i> , 2018, 45, 10619-10626.	4.0	39

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19	Temperature and Precipitation Variance in CMIP5 Simulations and Paleoclimate Records of the Last Millennium. <i>Journal of Climate</i> , 2017, 30, 8885-8912.	3.2	33
20	Projected Hydroclimate Changes on Hispaniola Island through the 21st Century in CMIP6 Models. <i>Atmosphere</i> , 2021, 12, 6.	2.3	7
21	Response to Comment on "No consistent ENSO response to volcanic forcing over the last millennium". <i>Science</i> , 2020, 369, .	12.6	0