

Dimitri Defrance

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

607
citations

840776

11
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	Millet and sorghum yield simulations under climate change scenarios in Senegal. <i>Regional Environmental Change</i> , 2022, 22, .	2.9	4
2	Synergistic impacts of global warming and thermohaline circulation collapse on amphibians. <i>Communications Biology</i> , 2021, 4, 141.	4.4	19
3	A high-resolution downscaled CMIP5 projections dataset of essential surface climate variables over the globe coherent with the ERA5 reanalysis for climate change impact assessments. <i>Data in Brief</i> , 2021, 35, 106900.	1.0	10
4	Impact of an accelerated melting of Greenland on malaria distribution over Africa. <i>Nature Communications</i> , 2021, 12, 3971.	12.8	14
5	Adapting rainfed rice to climate change: a case study in Senegal. <i>Agronomy for Sustainable Development</i> , 2021, 41, 1.	5.3	4
6	Evaluation of 23 gridded precipitation datasets across West Africa. <i>Journal of Hydrology</i> , 2020, 581, 124412.	5.4	106
7	Impact of Climate Change in West Africa on Cereal Production Per Capita in 2050. <i>Sustainability</i> , 2020, 12, 7585.	3.2	31
8	Pearl millet genomic vulnerability to climate change in West Africa highlights the need for regional collaboration. <i>Nature Communications</i> , 2020, 11, 5274.	12.8	45
9	Impacts of Greenland and Antarctic Ice Sheet melt on future Köppen climate zone changes simulated by an atmospheric and oceanic general circulation model. <i>Applied Geography</i> , 2020, 119, 102216.	3.7	10
10	Decline in Atlantic Primary Production Accelerated by Greenland Ice Sheet Melt. <i>Geophysical Research Letters</i> , 2019, 46, 11347-11357.	4.0	12
11	Dataset of global extreme climatic indices due to an acceleration of ice sheet melting during the 21st century. <i>Data in Brief</i> , 2019, 27, 104585.	1.0	5
12	Evidence of crop production losses in West Africa due to historical global warming in two crop models. <i>Scientific Reports</i> , 2019, 9, 12834.	3.3	136
13	A bias-corrected CMIP5 dataset for Africa using the CDF-t method – a contribution to agricultural impact studies. <i>Earth System Dynamics</i> , 2018, 9, 313-338.	7.1	75
14	Projected changes in crop yield mean and variability over West Africa in a world 1.5°C warmer than the pre-industrial era. <i>Earth System Dynamics</i> , 2018, 9, 119-134.	7.1	31
15	Consequences of rapid ice sheet melting on the Sahelian population vulnerability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6533-6538.	7.1	47
16	A wavelet-based approach to detect climate change on the coherent and turbulent component of the atmospheric circulation. <i>Earth System Dynamics</i> , 2016, 7, 517-523.	7.1	5
17	Evaluating flash-flood warnings at ungauged locations using post-event surveys: a case study with the AIGA warning system. <i>Hydrological Sciences Journal</i> , 2014, 59, 1390-1402.	2.6	47