Fraser C Lott

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/88258/publications.pdf

Version: 2024-02-01

31	774	567247 15	526264 27
papers	citations	h-index	g-index

33	33	33	811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A protocol for probabilistic extreme event attribution analyses. Advances in Statistical Climatology, Meteorology and Oceanography, 2020, 6, 177-203.	0.9	103
2	Can the 2011 East African drought be attributed to humanâ€induced climate change?. Geophysical Research Letters, 2013, 40, 1177-1181.	4.0	95
3	Pathways and pitfalls in extreme event attribution. Climatic Change, 2021, 166, 1.	3.6	86
4	Upgrade of the HadGEM3-A based attribution system to high resolution and a new validation framework for probabilistic event attribution. Weather and Climate Extremes, 2018, 20, 9-32.	4.1	53
5	Human Influence on the Record-breaking Cold Event in January of 2016 in Eastern China. Bulletin of the American Meteorological Society, 2018, 99, S118-S122.	3.3	42
6	Attribution of extreme precipitation in the lower reaches of the Yangtze River during May 2016. Environmental Research Letters, 2018, 13, 014015.	5.2	34
7	Evaluation of the HadGEM3-A simulations in view of detection and attribution of human influence on extreme events in Europe. Climate Dynamics, 2019, 52, 1187-1210.	3.8	34
8	Anthropogenic Influence on the 2018 Summer Warm Spell in Europe: The Impact of Different Spatio-Temporal Scales. Bulletin of the American Meteorological Society, 2020, 101, S41-S46.	3.3	31
9	Models versus radiosondes in the free atmosphere: A new detection and attribution analysis of temperature. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2609-2619.	3.3	27
10	Unusual past dry and wet rainy seasons over Southern Africa and South America from a climate perspective. Weather and Climate Extremes, 2015, 9, 36-46.	4.1	27
11	Extreme rainfall and its impacts in the Brazilian Minas Gerais state in January 2020: Can we blame climate change?. Climate Resilience and Sustainability, 2022, 1, .	2.3	26
12	Evaluating Simulated Fraction of Attributable Risk Using Climate Observations. Journal of Climate, 2016, 29, 4565-4575.	3.2	23
13	Attributing human influence on the July 2017 Chinese heatwave: the influence of sea-surface temperatures. Environmental Research Letters, 2018, 13, 114004.	5.2	23
14	Anthropogenic Warming has Substantially Increased the Likelihood of July 2017â€“Like Heat Waves over Central Eastern China. Bulletin of the American Meteorological Society, 2019, 100, S91-S95.	3.3	21
15	Anthropogenic Influences on the Persistent Night-Time Heat Wave in Summer 2018 over Northeast China. Bulletin of the American Meteorological Society, 2020, 101, S83-S88.	3.3	21
16	Was the Cold European Winter of 2009/10 Modified by Anthropogenic Climate Change? An Attribution Study. Journal of Climate, 2018, 31, 3387-3410.	3.2	16
17	Multiple perspectives on the attribution of the extreme European summer of 2012 to climate change. Climate Dynamics, 2018, 50, 3537-3555.	3.8	15
18	Contribution of Anthropogenic Climate Change to Aprilâ€“May 2017 Heavy Precipitation over the Uruguay River Basin. Bulletin of the American Meteorological Society, 2019, 100, S37-S41.	3.3	14

#	Article	IF	Citations
19	Detectable Anthropogenic Influence on Changes in Summer Precipitation in China. Journal of Climate, 2020, 33, 5357-5369.	3.2	14
20	Detecting sulphate aerosol geoengineering with different methods. Scientific Reports, 2016, 6, 39169.	3.3	11
21	Anthropogenic Influences on 2019 July Precipitation Extremes Over the Midâ€“Lower Reaches of the Yangtze River. Frontiers in Environmental Science, 0, 8, .	3.3	10
22	Learning from the 2018 heatwave in the context of climate change: are high-temperature extremes important for adaptation in Scotland?. Environmental Research Letters, 2020, 15, 034051.	5.2	10
23	Reliability of African climate prediction and attribution across timescales. Environmental Research Letters, 2014, 9, 104017.	5.2	6
24	Detectable anthropogenic changes in daily-scale circulations driving summer rainfall shifts over eastern China. Environmental Research Letters, 2021, 16, 074044.	5.2	6
25	Quantifying the contribution of an individual to making extreme weather events more likely. Environmental Research Letters, 2021, 16, 104040.	5.2	6
26	A comparison of model ensembles for attributing 2012 West African rainfall. Environmental Research Letters, 2017, 12, 014019.	5.2	5
27	Attributing the 2015/2016 Amazon basin drought to anthropogenic influence. Climate Resilience and Sustainability, 2022, 1, .	2.3	5
28	The impact of stratospheric resolution on the detectability of climate change signals in the free atmosphere. Geophysical Research Letters, 2013, 40, 937-942.	4.0	3
29	Event attribution of ParnaÃba River floods in Northeastern Brazil. Climate Resilience and Sustainability, 2022, 1, .	2.3	3
30	Best Scale for Detecting the Effects of Stratospheric Sulfate Aerosol Geoengineering on Surface Temperature. Earth's Future, 2018, 6, 1660.	6.3	2
31	The effect of human land use change in the Hadley Centre attribution system. Atmospheric Science Letters, 2020, 21, e972.	1.9	2