

# Karsten Haustein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8677868/publications.pdf>

Version: 2024-02-01

27  
papers

2,287  
citations

331259

21  
h-index

525886

27  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3779  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-method framework for global real-time climate attribution. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2022, 8, 135-154.	0.6	0
2	Water Insecurity and Climate Risk: Investment Impact of Floods and Droughts. <i>Palgrave Studies in Sustainable Business in Association With Future Earth</i> , 2021, , 157-188.	0.5	3
3	Attribution of the Australian bushfire risk to anthropogenic climate change. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 941-960.	1.5	171
4	Attribution of the role of climate change in the forest fires in Sweden 2018. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2169-2179.	1.5	39
5	An integrated approach to quantifying uncertainties in the remaining carbon budget. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	52
6	Human contribution to the record-breaking June and July 2019 heatwaves in Western Europe. <i>Environmental Research Letters</i> , 2020, 15, 094077.	2.2	95
7	Global Warming and Extreme Weather Investment Risks. <i>Palgrave Studies in Sustainable Business in Association With Future Earth</i> , 2020, , 39-68.	0.5	4
8	Risks of Pre-Monsoon Extreme Rainfall Events of Bangladesh: Is Anthropogenic Climate Change Playing a Role?. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, S61-S65.	1.7	21
9	Return period of extreme rainfall substantially decreases under 1.5 °C and 2.0 °C warming: a case study for Uttarakhand, India. <i>Environmental Research Letters</i> , 2019, 14, 044033.	2.2	19
10	A Limited Role for Unforced Internal Variability in Twentieth-Century Warming. <i>Journal of Climate</i> , 2019, 32, 4893-4917.	1.2	68
11	Attributing the 2017 Bangladesh floods from meteorological and hydrological perspectives. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1409-1429.	1.9	46
12	Evaluation of a large ensemble regional climate modelling system for extreme weather events analysis over Bangladesh. <i>International Journal of Climatology</i> , 2019, 39, 2845-2861.	1.5	6
13	Uncertain impacts on economic growth when stabilizing global temperatures at 1.5°C or 2°C warming. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20160460.	1.6	59
14	Attribution Analysis of the Ethiopian Drought of 2015. <i>Journal of Climate</i> , 2018, 31, 2465-2486.	1.2	114
15	Global implications of 1.5 °C and 2 °C warmer worlds on extreme river flows. <i>Environmental Research Letters</i> , 2018, 13, 094003.	2.2	31
16	Validation of a Rapid Attribution of the May/June 2016 Flood-Inducing Precipitation in France to Climate Change. <i>Journal of Hydrometeorology</i> , 2018, 19, 1881-1898.	0.7	31
17	Current level and rate of warming determine emissions budgets under ambitious mitigation. <i>Nature Geoscience</i> , 2018, 11, 574-579.	5.4	37
18	Assessing mid-latitude dynamics in extreme event attribution systems. <i>Climate Dynamics</i> , 2017, 48, 3889-3901.	1.7	29

#	ARTICLE	IF	CITATIONS
19	Smaller desert dust cooling effect estimated from analysis of dust size and abundance. <i>Nature Geoscience</i> , 2017, 10, 274-278.	5.4	306
20	Methods and Model Dependency of Extreme Event Attribution: The 2015 European Drought. <i>Earth's Future</i> , 2017, 5, 1034-1043.	2.4	59
21	Attribution of extreme rainfall from Hurricane Harvey, August 2017. <i>Environmental Research Letters</i> , 2017, 12, 124009.	2.2	330
22	Half a degree additional warming, prognosis and projected impacts (HAPPI): background and experimental design. <i>Geoscientific Model Development</i> , 2017, 10, 571-583.	1.3	203
23	weather@home 2: validation of an improved global–regional climate modelling system. <i>Geoscientific Model Development</i> , 2017, 10, 1849-1872.	1.3	70
24	The Heavy Precipitation Event of December 2015 in Chennai, India. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, S87-S91.	1.7	45
25	Human influence on climate in the 2014 southern England winter floods and their impacts. <i>Nature Climate Change</i> , 2016, 6, 627-634.	8.1	237
26	Testing the performance of state-of-the-art dust emission schemes using DO4Models field data. <i>Geoscientific Model Development</i> , 2015, 8, 341-362.	1.3	34
27	Impact of surface roughness and soil texture on mineral dust emission fluxes modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6505-6520.	1.2	83