Elizabeth J Kendon

List of Publications by Year
in descending order

25 papers	3,031 citations	331538 21 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	3359 citing authors

#	Article	IF	Citations
1	Heavier summer downpours with climate change revealed by weather forecast resolution model. Nature Climate Change, 2014, 4, 570-576.	8.1	561
2	Realism of Rainfall in a Very High-Resolution Regional Climate Model. Journal of Climate, 2012, 25, 5791-5806.	1.2	364
3	Anthropogenic intensification of short-duration rainfall extremes. Nature Reviews Earth & Environment, 2021, 2, 107-122.	12.2	279
4	Do Convection-Permitting Regional Climate Models Improve Projections of Future Precipitation Change?. Bulletin of the American Meteorological Society, 2017, 98, 79-93.	1.7	253
5	Challenges in Quantifying Changes in the Global Water Cycle. Bulletin of the American Meteorological Society, 2015, 96, 1097-1115.	1.7	212
6	Percentile indices for assessing changes in heavy precipitation events. Climatic Change, 2016, 137, 201-216.	1.7	197
7	Enhanced future changes in wet and dry extremes over Africa at convection-permitting scale. Nature Communications, 2019, 10, 1794.	5.8	165
8	The Value of High-Resolution Met Office Regional Climate Models in the Simulation of Multihourly Precipitation Extremes. Journal of Climate, 2014, 27, 6155-6174.	1.2	130
9	Downturn in scaling of UK extreme rainfall with temperature for future hottest days. Nature Geoscience, 2016, 9, 24-28.	5.4	112
10	A Pan-African Convection-Permitting Regional Climate Simulation with the Met Office Unified Model: CP4-Africa. Journal of Climate, 2018, 31, 3485-3508.	1.2	102
11	Pan-European climate at convection-permitting scale: a model intercomparison study. Climate Dynamics, 2020, 55, 35-59.	1.7	94
12	Challenges and outlook for convection-permitting climate modelling. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190547.	1.6	67
13	The INTENSE project: using observations and models to understand the past, present and future of sub-daily rainfall extremes. Advances in Science and Research, 0, 15, 117-126.	1.0	59
14	Towards advancing scientific knowledge of climate change impacts on short-duration rainfall extremes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190542.	1.6	56
15	When Will We Detect Changes in Short-Duration Precipitation Extremes?. Journal of Climate, 2018, 31, 2945-2964.	1.2	55
16	A synthesis of hourly and daily precipitation extremes in different climatic regions. Weather and Climate Extremes, 2019, 26, 100219.	1.6	50
17	Quasiâ€Stationary Intense Rainstorms Spread Across Europe Under Climate Change. Geophysical Research Letters, 2021, 48, e2020GL092361.	1.5	49
18	Europe-wide precipitation projections at convection permitting scale with the Unified Model. Climate Dynamics, 2020, 55, 409-428.	1.7	48

#	Article	IF	Citations
19	Projected changes in extreme precipitation over Scotland and Northern England using a high-resolution regional climate model. Climate Dynamics, 2018, 51, 3559-3577.	1.7	36
20	Convectionâ€Permitting Models Offer Promise of More Certain Extreme Rainfall Projections. Geophysical Research Letters, 2020, 47, e2020GL088151.	1.5	33
21	Global distribution of the intensity and frequency of hourly precipitation and their responses to ENSO. Climate Dynamics, 2020, 54, 4823-4839.	1.7	27
22	Large-Scale Predictors for Extreme Hourly Precipitation Events in Convection-Permitting Climate Simulations. Journal of Climate, 2018, 31, 2115-2131.	1.2	26
23	Greater Future U.K. Winter Precipitation Increase in New Convection-Permitting Scenarios. Journal of Climate, 2020, 33, 7303-7318.	1.2	22
24	Optimal configuration and resolution for the first convectionâ€permitting ensemble of climate projections over the United Kingdom. International Journal of Climatology, 2020, 40, 3585-3606.	1.5	20
25	Extreme windstorms and sting jets in convection-permitting climate simulations over Europe. Climate Dynamics, 2022, 58, 2387-2404.	1.7	14