Richard G Jones

List of Publications by Year
in descending order

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84 papers	9,976 citations	43973 48 h-index	60497 81 g-index
85 all docs	85 docs citations	85 times ranked	8968 citing authors

#	Article	IF	Citations
1	Precipitation downscaling under climate change: Recent developments to bridge the gap between dynamical models and the end user. Reviews of Geophysics, 2010, 48, .	9.0	1,256
2	An inter-comparison of regional climate models for Europe: model performance in present-day climate. Climatic Change, 2007, 81, 31-52.	1.7	602
3	Comparison of uncertainty sources for climate change impacts: flood frequency in England. Climatic Change, 2009, 92, 41-63.	1.7	488
4	A Regional Climate Change Assessment Program for North America. Eos, 2009, 90, 311-311.	0.1	472
5	The North American Regional Climate Change Assessment Program: Overview of Phase I Results. Bulletin of the American Meteorological Society, 2012, 93, 1337-1362.	1.7	401
6	Selecting CMIP5 GCMs for downscaling over multiple regions. Climate Dynamics, 2015, 44, 3237-3260.	1.7	358
7	Daily precipitation statistics in regional climate models: Evaluation and intercomparison for the European Alps. Journal of Geophysical Research, 2003, 108, n/a-n/a.	3.3	337
8	Reconciling two approaches to attribution of the 2010 Russian heat wave. Geophysical Research Letters, 2012, 39, .	1.5	323
9	Human influence on climate in the 2014 southern England winter floods and their impacts. Nature Climate Change, 2016, 6, 627-634.	8.1	237
10	Regional climate downscaling over Europe: perspectives from the EURO-CORDEX community. Regional Environmental Change, 2020, 20, 1.	1.4	227
11	Simulation of climate change over europe using a nested regional-climate model. I: Assessment of control climate, including sensitivity to location of lateral boundaries. Quarterly Journal of the Royal Meteorological Society, 1995, 121, 1413-1449.	1.0	213
12	An update of IPCC climate reference regions for subcontinental analysis of climate model data: definition and aggregated datasets. Earth System Science Data, 2020, 12, 2959-2970.	3.7	210
13	African Climate Change: Taking the Shorter Route. Bulletin of the American Meteorological Society, 2006, 87, 1355-1366.	1.7	205
14	Causes and uncertainty of future summer drying over Europe. Climate Dynamics, 2006, 27, 281-299.	1.7	202
15	Global high resolution versus Limited Area Model climate change projections over Europe: quantifying confidence level from PRUDENCE results. Climate Dynamics, 2005, 25, 653-670.	1.7	191
16	Climate change projections of the North American Regional Climate Change Assessment Program (NARCCAP). Climatic Change, 2013, 120, 965-975.	1.7	184
17	A comparison of extreme European daily precipitation simulated by a global and a regional climate model for present and future climates. Quarterly Journal of the Royal Meteorological Society, 2001, 127, 1005-1015.	1.0	177
18	RCM rainfall for UK flood frequency estimation. II. Climate change results. Journal of Hydrology, 2006, 318, 163-172.	2.3	172

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19	Modelling daily temperature extremes: recent climate and future changes over Europe. Climatic Change, 2007, 81, 249-265.	1.7	169
20	Validation of present-day regional climate simulations over Europe: LAM simulations with observed boundary conditions. Climate Dynamics, 1997, 13, 489-506.	1.7	160
21	What can we know about future precipitation in Africa? Robustness, significance and added value of projections from a large ensemble of regional climate models. Climate Dynamics, 2019, 53, 5833-5858.	1.7	137
22	Development of a high resolution grid-based river flow model for use with regional climate model output. Hydrology and Earth System Sciences, 2007, 11, 532-549.	1.9	133
23	Emerging patterns of simulated regional climatic changes for the 21st century due to anthropogenic forcings. Geophysical Research Letters, 2001, 28, 3317-3320.	1.5	129
24	Robustness of Future Changes in Local Precipitation Extremes. Journal of Climate, 2008, 21, 4280-4297.	1.2	123
25	How representative is the spread of climate projections from the 5 CMIP5 GCMs used in ISI-MIP?. Climate Services, 2016, 1, 24-29.	1.0	117
26	Simulations of the Indian summer monsoon using a nested regional climate model: domain size experiments. Climate Dynamics, 1996, 12, 573-587.	1.7	113
27	Simulation of climate change over Europe using a global variable resolution general circulation model. Climate Dynamics, 1998, 14, 173-189.	1.7	111
28	Evaluation of the Large EUROâ€CORDEX Regional Climate Model Ensemble. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2019JD032344.	1.2	109
29	Climate change scenarios from a regional climate model: Estimating change in runoff in southern Africa. Journal of Geophysical Research, 2003, 108, .	3.3	108
30	Regional climate models downscaling analysis of general circulation models present climate biases propagation into future change projections. Geophysical Research Letters, 2008, 35, .	1.5	108
31	Selecting Ensemble Members to Provide Regional Climate Change Information. Journal of Climate, 2012, 25, 7100-7121.	1.2	106
32	Combining a regional climate model with a phytoplankton community model to predict future changes in phytoplankton in lakes. Freshwater Biology, 2005, 50, 1404-1411.	1.2	99
33	Simulation of climate change over europe using a nested regionalâ€climate model. II: Comparison of driving and regional model responses to a doubling of carbon dioxide. Quarterly Journal of the Royal Meteorological Society, 1997, 123, 265-292.	1.0	90
34	Analyses on the climate change responses over China under SRES B2 scenario using PRECIS. Science Bulletin, 2006, 51, 2260-2267.	1.7	87
35	A typology of loss and damage perspectives. Nature Climate Change, 2017, 7, 723-729.	8.1	84
36	RCM rainfall for UK flood frequency estimation. I. Method and validation. Journal of Hydrology, 2006, 318, 151-162.	2.3	82

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37	Using and Designing GCMâ€“RCM Ensemble Regional Climate Projections. Journal of Climate, 2010, 23, 6485-6503.	1.2	82
38	Attribution of extreme weather events in Africa: a preliminary exploration of the science and policy implications. Climatic Change, 2015, 132, 531-543.	1.7	72
39	Regional Extreme Monthly Precipitation Simulated by NARCCAP RCMs. Journal of Hydrometeorology, 2010, 11, 1373-1379.	0.7	70
40	Ensuring climate information guides long-term development. Nature Climate Change, 2015, 5, 812-814.	8.1	70
41	weather@home 2: validation of an improved globalâ€“regional climate modelling system. Geoscientific Model Development, 2017, 10, 1849-1872.	1.3	70
42	Soil Control on Runoff Response to Climate Change in Regional Climate Model Simulations. Journal of Climate, 2005, 18, 3536-3551.	1.2	65
43	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
44	Use of a grid-based hydrological model and regional climate model outputs to assess changing flood risk. International Journal of Climatology, 2007, 27, 1657-1671.	1.5	56
45	An ensemble climate projection for Africa. Climate Dynamics, 2015, 44, 2097-2118.	1.7	56
46	Mechanisms and reliability of future projected changes in daily precipitation. Climate Dynamics, 2010, 35, 489-509.	1.7	55
47	A large set of potential past, present and future hydro-meteorological time series for the UK. Hydrology and Earth System Sciences, 2018, 22, 611-634.	1.9	54
48	Simulations of the Indian summer monsoon using a nested regional climate model: domain size experiments. Climate Dynamics, 1996, 12, 573-587.	1.7	54
49	Comparison of the use of alternative UKCP09 products for modelling the impacts of climate change on flood frequency. Climatic Change, 2012, 114, 211-230.	1.7	49
50	An assessment of the possible impacts of climate change on snow and peak river flows across Britain. Climatic Change, 2016, 136, 539-553.	1.7	49
51	The Guiana Shield rainforestsâ€”overlooked guardians of South American climate. Environmental Research Letters, 2018, 13, 074029.	2.2	46
52	Processâ€based assessment of an ensemble of climate projections for West Africa. Journal of Geophysical Research D: Atmospheres, 2015, 120, 1221-1238.	1.2	44
53	A tale of two futures: contrasting scenarios of future precipitation for West Africa from an ensemble of regional climate models. Environmental Research Letters, 2020, 15, 064007.	2.2	44
54	Use of very high resolution climate model data for hydrological modelling: baseline performance and future flood changes. Climatic Change, 2015, 133, 193-208.	1.7	42

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55	High-resolution climate projections for South Asia to inform climate impacts and adaptation studies in the Ganges-Brahmaputra-Meghna and Mahanadi deltas. Science of the Total Environment, 2019, 650, 1499-1520.	3.9	40
56	Predictions of extreme precipitation and seaâ€“level rise under climate change. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2002, 360, 1301-1311.	1.6	35
57	No consensus on consensus: the challenge of finding a universal approach to measuring and mapping ensemble consistency in GCM projections. Climatic Change, 2013, 119, 617-629.	1.7	33
58	Superensemble Regional Climate Modeling for the Western United States. Bulletin of the American Meteorological Society, 2016, 97, 203-215.	1.7	32
59	Inventories of extreme weather events and impacts: Implications for loss and damage from and adaptation to climate extremes. Climate Risk Management, 2021, 32, 100285.	1.6	31
60	Attribution of changes in precipitation patterns in African rainforests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120299.	1.8	30
61	Assessing mid-latitude dynamics in extreme event attribution systems. Climate Dynamics, 2017, 48, 3889-3901.	1.7	29
62	An assessment of the impact of climate change on air quality at two UK sites. Atmospheric Environment, 2010, 44, 1877-1886.	1.9	25
63	Neglected issues in using weather and climate information in ecology and biogeography. Diversity and Distributions, 2017, 23, 329-340.	1.9	25
64	Using a Game to Engage Stakeholders in Extreme Event Attribution Science. International Journal of Disaster Risk Science, 2016, 7, 353-365.	1.3	24
65	Attribution: How Is It Relevant for Loss and Damage Policy and Practice?. Climate Risk Management, Policy and Governance, 2019, , 113-154.	2.5	24
66	Mechanisms Controlling Precipitation in the Northern Portion of the North American Monsoon. Journal of Climate, 2011, 24, 2771-2783.	1.2	23
67	Using an ultrahighâ€resolution regional climate model to predict local climatology. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 1964-1976.	1.0	23
68	The Impact of Humanâ€Induced Climate Change on Regional Drought in the Horn of Africa. Journal of Geophysical Research D: Atmospheres, 2019, 124, 4549-4566.	1.2	23
69	Estimating Potential Evaporation from Vegetated Surfaces for Water Management Impact Assessments Using Climate Model Output. Journal of Hydrometeorology, 2011, 12, 1127-1136.	0.7	22
70	The 2014 Drought in the Horn of Africa: Attribution of Meteorological Drivers. Bulletin of the American Meteorological Society, 2015, 96, S83-S88.	1.7	21
71	Toward an Inventory of the Impacts of Human-Induced Climate Change. Bulletin of the American Meteorological Society, 2020, 101, E1972-E1979.	1.7	21
72	National-scale analysis of low flow frequency: historical trends and potential future changes. Climatic Change, 2018, 147, 585-599.	1.7	20

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73	Science for Loss and Damage. Findings and Propositions. Climate Risk Management, Policy and Governance, 2019, , 3-37.	2.5	19
74	Projected changes in tropical cyclones over Vietnam and the South China Sea using a 25Âkm regional climate model perturbed physics ensemble. Climate Dynamics, 2015, 45, 1983-2000.	1.7	18
75	Projected changes in rainfall and temperature over the Philippines from multiple dynamical downscaling models. International Journal of Climatology, 2020, 40, 1784-1804.	1.5	18
76	The weather@home regional climate modelling project for Australia and New Zealand. Geoscientific Model Development, 2016, 9, 3161-3176.	1.3	16
77	Providing future climate projections using multiple models and methods: insights from the Philippines. Climatic Change, 2018, 148, 187-203.	1.7	16
78	Highâ€resolution regional climate model projections of future tropical cyclone activity in the Philippines. International Journal of Climatology, 2019, 39, 1181-1194.	1.5	16
79	Climate process chains: Examples from southern Africa. International Journal of Climatology, 2019, 39, 4784-4797.	1.5	12
80	Reply to â€œComments on â€˜The North American Regional Climate Change Assessment Program: Overview of Phase I Results'â€• Bulletin of the American Meteorological Society, 2013, 94, 1077-1078.	1.7	10
81	Evaluation of a large ensemble regional climate modelling system for extreme weather events analysis over Bangladesh. International Journal of Climatology, 2019, 39, 2845-2861.	1.5	6
82	Climate Information: Towards Transparent Distillation. , 2021, , 17-35.		2
83	A regional approach to climate adaptation in the Nile Basin. Proceedings of the International Association of Hydrological Sciences, 0, 374, 3-7.	1.0	1
84	Influence of orography upon summertime lowâ€level jet dust emission in the central and western Sahara. Journal of Geophysical Research D: Atmospheres, 0, , .	1.2	1