

# Richard G Jones

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

7,864

citations

44

h-index

85

g-index

85

ext. papers

8,769

ext. citations

5.5

avg, IF

5.81

L-index

#	Paper	IF	Citations
82	Precipitation downscaling under climate change: Recent developments to bridge the gap between dynamical models and the end user. <i>Reviews of Geophysics</i> , <b>2010</b> , 48,	23.1	1021
81	An inter-comparison of regional climate models for Europe: model performance in present-day climate. <i>Climatic Change</i> , <b>2007</b> , 81, 31-52	4.5	535
80	A Regional Climate Change Assessment Program for North America. <i>Eos</i> , <b>2009</b> , 90, 311-311	1.5	427
79	Comparison of uncertainty sources for climate change impacts: flood frequency in England. <i>Climatic Change</i> , <b>2009</b> , 92, 41-63	4.5	416
78	The North American Regional Climate Change Assessment Program: Overview of Phase I Results. <i>Bulletin of the American Meteorological Society</i> , <b>2012</b> , 93, 1337-1362	6.1	364
77	Daily precipitation statistics in regional climate models: Evaluation and intercomparison for the European Alps. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a		284
76	Selecting CMIP5 GCMs for downscaling over multiple regions. <i>Climate Dynamics</i> , <b>2015</b> , 44, 3237-3260	4.2	252
75	Reconciling two approaches to attribution of the 2010 Russian heat wave. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	246
74	Human influence on climate in the 2014 southern England winter floods and their impacts. <i>Nature Climate Change</i> , <b>2016</b> , 6, 627-634	21.4	189
73	Causes and uncertainty of future summer drying over Europe. <i>Climate Dynamics</i> , <b>2006</b> , 27, 281-299	4.2	179
72	African Climate Change: Taking the Shorter Route. <i>Bulletin of the American Meteorological Society</i> , <b>2006</b> , 87, 1355-1366	6.1	177
71	Global high resolution versus Limited Area Model climate change projections over Europe: quantifying confidence level from PRUDENCE results. <i>Climate Dynamics</i> , <b>2005</b> , 25, 653-670	4.2	167
70	RCM rainfall for UK flood frequency estimation. II. Climate change results. <i>Journal of Hydrology</i> , <b>2006</b> , 318, 163-172	6	157
69	A comparison of extreme European daily precipitation simulated by a global and a regional climate model for present and future climates. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2001</b> , 127, 1005-1015	6.4	157
68	Climate change projections of the North American Regional Climate Change Assessment Program (NARCCAP). <i>Climatic Change</i> , <b>2013</b> , 120, 965-975	4.5	150
67	Modelling daily temperature extremes: recent climate and future changes over Europe. <i>Climatic Change</i> , <b>2007</b> , 81, 249-265	4.5	140
66	Validation of present-day regional climate simulations over Europe: LAM simulations with observed boundary conditions. <i>Climate Dynamics</i> , <b>1997</b> , 13, 489-506	4.2	135

65	Emerging patterns of simulated regional climatic changes for the 21st century due to anthropogenic forcings. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 3317-3320	4.9	116
64	Simulation of climate change over Europe using a nested regional-climate model. I: Assessment of control climate, including sensitivity to location of lateral boundaries. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>1995</b> , 121, 1413-1449	6.4	116
63	Development of a high resolution grid-based river flow model for use with regional climate model output. <i>Hydrology and Earth System Sciences</i> , <b>2007</b> , 11, 532-549	5.5	110
62	Regional climate downscaling over Europe: perspectives from the EURO-CORDEX community. <i>Regional Environmental Change</i> , <b>2020</b> , 20, 1	4.3	104
61	Robustness of Future Changes in Local Precipitation Extremes. <i>Journal of Climate</i> , <b>2008</b> , 21, 4280-4297	4.4	104
60	Simulations of the Indian summer monsoon using a nested regional climate model: domain size experiments. <i>Climate Dynamics</i> , <b>1996</b> , 12, 573-587	4.2	97
59	Simulation of climate change over Europe using a global variable resolution general circulation model. <i>Climate Dynamics</i> , <b>1998</b> , 14, 173-189	4.2	93
58	Selecting Ensemble Members to Provide Regional Climate Change Information. <i>Journal of Climate</i> , <b>2012</b> , 25, 7100-7121	4.4	92
57	Regional climate models downscaling analysis of general circulation models present climate biases propagation into future change projections. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	92
56	Climate change scenarios from a regional climate model: Estimating change in runoff in southern Africa. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		92
55	How representative is the spread of climate projections from the 5 CMIP5 GCMs used in ISI-MIP?. <i>Climate Services</i> , <b>2016</b> , 1, 24-29	3.8	91
54	Combining a regional climate model with a phytoplankton community model to predict future changes in phytoplankton in lakes. <i>Freshwater Biology</i> , <b>2005</b> , 50, 1404-1411	3.1	91
53	Analyses on the climate change responses over China under SRES B2 scenario using PRECIS. <i>Science Bulletin</i> , <b>2006</b> , 51, 2260-2267		78
52	RCM rainfall for UK flood frequency estimation. I. Method and validation. <i>Journal of Hydrology</i> , <b>2006</b> , 318, 151-162	6	74
51	What can we know about future precipitation in Africa? Robustness, significance and added value of projections from a large ensemble of regional climate models. <i>Climate Dynamics</i> , <b>2019</b> , 53, 5833-5858	4.2	70
50	Using and Designing GCM/RCM Ensemble Regional Climate Projections. <i>Journal of Climate</i> , <b>2010</b> , 23, 6485-6503	4.4	68
49	Regional Extreme Monthly Precipitation Simulated by NARCCAP RCMs. <i>Journal of Hydrometeorology</i> , <b>2010</b> , 11, 1373-1379	3.7	59
48	Soil Control on Runoff Response to Climate Change in Regional Climate Model Simulations. <i>Journal of Climate</i> , <b>2005</b> , 18, 3536-3551	4.4	59

47	An update of IPCC climate reference regions for subcontinental analysis of climate model data: definition and aggregated datasets. <i>Earth System Science Data</i> , <b>2020</b> , 12, 2959-2970	10.5	58
46	weather@home 2: validation of an improved global-regional climate modelling system. <i>Geoscientific Model Development</i> , <b>2017</b> , 10, 1849-1872	6.3	56
45	A typology of loss and damage perspectives. <i>Nature Climate Change</i> , <b>2017</b> , 7, 723-729	21.4	54
44	Attribution of extreme weather events in Africa: a preliminary exploration of the science and policy implications. <i>Climatic Change</i> , <b>2015</b> , 132, 531-543	4.5	52
43	Mechanisms and reliability of future projected changes in daily precipitation. <i>Climate Dynamics</i> , <b>2010</b> , 35, 489-509	4.2	48
42	An ensemble climate projection for Africa. <i>Climate Dynamics</i> , <b>2015</b> , 44, 2097-2118	4.2	47
41	Simulation of climate change over Europe using a nested regional-climate model. II: Comparison of driving and regional model responses to a doubling of carbon dioxide. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>1997</b> , 123, 265-292	6.4	47
40	Use of a grid-based hydrological model and regional climate model outputs to assess changing flood risk. <i>International Journal of Climatology</i> , <b>2007</b> , 27, 1657-1671	3.5	45
39	Comparison of the use of alternative UKCP09 products for modelling the impacts of climate change on flood frequency. <i>Climatic Change</i> , <b>2012</b> , 114, 211-230	4.5	44
38	The INTENSE project: using observations and models to understand the past, present and future of sub-daily rainfall extremes. <i>Advances in Science and Research</i> , <b>15</b> , 117-126		44
37	A large set of potential past, present and future hydro-meteorological time series for the UK. <i>Hydrology and Earth System Sciences</i> , <b>2018</b> , 22, 611-634	5.5	42
36	Process-based assessment of an ensemble of climate projections for West Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2015</b> , 120, 1221-1238	4.4	40
35	Use of very high resolution climate model data for hydrological modelling: baseline performance and future flood changes. <i>Climatic Change</i> , <b>2015</b> , 133, 193-208	4.5	37
34	An assessment of the possible impacts of climate change on snow and peak river flows across Britain. <i>Climatic Change</i> , <b>2016</b> , 136, 539-553	4.5	36
33	Simulations of the Indian summer monsoon using a nested regional climate model: domain size experiments. <i>Climate Dynamics</i> , <b>1996</b> , 12, 573-587	4.2	34
32	High-resolution climate projections for South Asia to inform climate impacts and adaptation studies in the Ganges-Brahmaputra-Meghna and Mahanadi deltas. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 1499-1520	10.2	32
31	The Guiana Shield rainforests—overlooked guardians of South American climate. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 074029	6.2	31
30	Predictions of extreme precipitation and sea-level rise under climate change. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2002</b> , 360, 1301-11	3	29

29	Superensemble Regional Climate Modeling for the Western United States. <i>Bulletin of the American Meteorological Society</i> , <b>2016</b> , 97, 203-215	6.1	27
28	Evaluation of the Large EURO-CORDEX Regional Climate Model Ensemble. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 126, e2019JD032344	4.4	27
27	Attribution of changes in precipitation patterns in African rainforests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 368, 20120299	5.8	26
26	Assessing mid-latitude dynamics in extreme event attribution systems. <i>Climate Dynamics</i> , <b>2017</b> , 48, 3889-3901	4.2	25
25	No consensus on consensus: the challenge of finding a universal approach to measuring and mapping ensemble consistency in GCM projections. <i>Climatic Change</i> , <b>2013</b> , 119, 617-629	4.5	22
24	Using an ultrahigh-resolution regional climate model to predict local climatology. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2013</b> , 139, 1964-1976	6.4	22
23	Mechanisms Controlling Precipitation in the Northern Portion of the North American Monsoon. <i>Journal of Climate</i> , <b>2011</b> , 24, 2771-2783	4.4	22
22	An assessment of the impact of climate change on air quality at two UK sites. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 1877-1886	5.3	22
21	A tale of two futures: contrasting scenarios of future precipitation for West Africa from an ensemble of regional climate models. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 064007	6.2	22
20	Estimating Potential Evaporation from Vegetated Surfaces for Water Management Impact Assessments Using Climate Model Output. <i>Journal of Hydrometeorology</i> , <b>2011</b> , 12, 1127-1136	3.7	21
19	Neglected issues in using weather and climate information in ecology and biogeography. <i>Diversity and Distributions</i> , <b>2017</b> , 23, 329-340	5	20
18	Projected changes in tropical cyclones over Vietnam and the South China Sea using a 25 km regional climate model perturbed physics ensemble. <i>Climate Dynamics</i> , <b>2015</b> , 45, 1983-2000	4.2	15
17	Using a Game to Engage Stakeholders in Extreme Event Attribution Science. <i>International Journal of Disaster Risk Science</i> , <b>2016</b> , 7, 353-365	4.6	15
16	National-scale analysis of low flow frequency: historical trends and potential future changes. <i>Climatic Change</i> , <b>2018</b> , 147, 585-599	4.5	14
15	The Impact of Human-Induced Climate Change on Regional Drought in the Horn of Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 4549-4566	4.4	13
14	The 2014 Drought in the Horn of Africa: Attribution of Meteorological Drivers. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, S83-S88	6.1	13
13	Attribution: How Is It Relevant for Loss and Damage Policy and Practice?. <i>Climate Risk Management, Policy and Governance</i> , <b>2019</b> , 113-154	2.7	13
12	The weather@home regional climate modelling project for Australia and New Zealand. <i>Geoscientific Model Development</i> , <b>2016</b> , 9, 3161-3176	6.3	12

11	Science for Loss and Damage. Findings and Propositions. <i>Climate Risk Management, Policy and Governance</i> , <b>2019</b> , 3-37	2.7	12
10	Inventories of extreme weather events and impacts: Implications for loss and damage from and adaptation to climate extremes. <i>Climate Risk Management</i> , <b>2021</b> , 32, 100285	4.6	11
9	Toward an Inventory of the Impacts of Human-Induced Climate Change. <i>Bulletin of the American Meteorological Society</i> , <b>2020</b> , 101, E1972-E1979	6.1	10
8	Climate process chains: Examples from southern Africa. <i>International Journal of Climatology</i> , <b>2019</b> , 39, 4784-4797	3.5	8
7	High-resolution regional climate model projections of future tropical cyclone activity in the Philippines. <i>International Journal of Climatology</i> , <b>2019</b> , 39, 1181-1194	3.5	8
6	Providing future climate projections using multiple models and methods: insights from the Philippines. <i>Climatic Change</i> , <b>2018</b> , 148, 187-203	4.5	8
5	Projected changes in rainfall and temperature over the Philippines from multiple dynamical downscaling models. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 1784-1804	3.5	8
4	Reply to 'Comments on 'The North American Regional Climate Change Assessment Program: Overview of Phase I Results'' <i>Bulletin of the American Meteorological Society</i> , <b>2013</b> , 94, 1077-1078	6.1	7
3	Evaluation of a large ensemble regional climate modelling system for extreme weather events analysis over Bangladesh. <i>International Journal of Climatology</i> , <b>2019</b> , 39, 2845-2861	3.5	5
2	Climate Information: Towards Transparent Distillation <b>2021</b> , 17-35		2
1	A regional approach to climate adaptation in the Nile Basin. <i>Proceedings of the International Association of Hydrological Sciences</i> , <b>374</b> , 3-7		1