

James A Renwick

List of Publications by Year in descending order

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78
papers

3,601
citations

136950

32
h-index

144013

57
g-index

88
all docs

88
docs citations

88
times ranked

4266
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative influences of the Interdecadal Pacific Oscillation and ENSO on the South Pacific Convergence Zone. <i>Geophysical Research Letters</i> , 2002, 29, 21-1.	4.0	404
2	Assessing recent trends in high-latitude Southern Hemisphere surface climate. <i>Nature Climate Change</i> , 2016, 6, 917-926.	18.8	253
3	Blocking over the South Pacific and Rossby Wave Propagation. <i>Monthly Weather Review</i> , 1999, 127, 2233-2247.	1.4	176
4	ENSO-Related Variability in the Frequency of South Pacific Blocking. <i>Monthly Weather Review</i> , 1998, 126, 3117-3123.	1.4	116
5	The unprecedented coupled ocean-atmosphere summer heatwave in the New Zealand region 2017/18: drivers, mechanisms and impacts. <i>Environmental Research Letters</i> , 2019, 14, 044023.	5.2	111
6	Variations of surface temperature and rainfall in Vietnam from 1971 to 2010. <i>International Journal of Climatology</i> , 2014, 34, 249-264.	3.5	108
7	Precipitation Seasonality over the Indian Subcontinent: An Evaluation of Gauge, Reanalyses, and Satellite Retrievals. <i>Journal of Hydrometeorology</i> , 2015, 16, 631-651.	1.9	98
8	Low-Frequency Variability of Southern Hemisphere Sea Level Pressure and Weather System Activity. <i>Monthly Weather Review</i> , 1997, 125, 2531-2543.	1.4	92
9	Seasonal Zonal Asymmetries in the Southern Annular Mode and Their Impact on Regional Temperature Anomalies. <i>Journal of Climate</i> , 2012, 25, 6253-6270.	3.2	92
10	Southern hemisphere cyclones and anticyclones: recent trends and links with decadal variability in the Pacific Ocean. <i>International Journal of Climatology</i> , 2007, 27, 1403-1419.	3.5	87
11	Divergent trends in land and ocean temperature in the Southern Ocean over the past 18,000 years. <i>Nature Geoscience</i> , 2010, 3, 622-626.	12.9	87
12	Hemispheric-Scale Seasonality of the Southern Annular Mode and Impacts on the Climate of New Zealand. <i>Journal of Climate</i> , 2009, 22, 4759-4770.	3.2	85
13	Regional cooling caused recent New Zealand glacier advances in a period of global warming. <i>Nature Communications</i> , 2017, 8, 14202.	12.8	84
14	Record warming at the South Pole during the past three decades. <i>Nature Climate Change</i> , 2020, 10, 762-770.	18.8	81
15	A Southwest Pacific Tropical Cyclone Climatology and Linkages to the El Niño–Southern Oscillation. <i>Journal of Climate</i> , 2013, 26, 3-25.	3.2	80
16	Southern Hemisphere Circulation and Relations with Sea Ice and Sea Surface Temperature. <i>Journal of Climate</i> , 2002, 15, 3058-3068.	3.2	73
17	Persistent Positive Anomalies in the Southern Hemisphere Circulation. <i>Monthly Weather Review</i> , 2005, 133, 977-988.	1.4	68
18	The relative influence of ENSO and SAM on Antarctic Peninsula climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9324-9341.	3.3	68

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19	Can the Increase in the Eddy Length Scale under Global Warming Cause the Poleward Shift of the Jet Streams?. <i>Journal of Climate</i> , 2011, 24, 3764-3780.	3.2	67
20	Palaeocirculation across New Zealand during the last glacial maximum at ~ 21 ka. <i>Quaternary Science Reviews</i> , 2012, 36, 189-213.	3.0	59
21	The Little Ice Age climate of New Zealand reconstructed from Southern Alps cirque glaciers: a synoptic type approach. <i>Climate Dynamics</i> , 2014, 42, 3039-3060.	3.8	57
22	The impact of climate fluctuation on food availability and reproductive performance of the planktivorous red-billed gull <i>Larus novaehollandiae scopulinus</i> . <i>Journal of Animal Ecology</i> , 2008, 77, 1129-1142.	2.8	56
23	Potential Predictability of Seasonal Means Based on Monthly Time Series of Meteorological Variables. <i>Journal of Climate</i> , 2000, 13, 2591-2604.	3.2	51
24	A robust increase in the eddy length scale in the simulation of future climates. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	51
25	Trends in the Southern Hemisphere polar vortex in NCEP and ECMWF reanalyses. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	50
26	South Pacific Convergence Zone dynamics, variability and impacts in a changing climate. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 530-543.	29.7	49
27	The Southern Hemisphere Evolution of ENSO during 1981-99. <i>Journal of Climate</i> , 2002, 15, 847-863.	3.2	46
28	The Ross Sea Dipole - temperature, snow accumulation and sea ice variability in the Ross Sea region, Antarctica, over the past 2700 years. <i>Climate of the Past</i> , 2018, 14, 193-214.	3.4	44
29	A simulation of New Zealand's climate during the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2007, 26, 2505-2525.	3.0	41
30	Observations, Simulations, and Dynamics of Jet Stream Variability and Annular Modes. <i>Journal of Climate</i> , 2010, 23, 6186-6199.	3.2	40
31	Projected changes in synoptic weather patterns over New Zealand examined through self-organizing maps. <i>International Journal of Climatology</i> , 2016, 36, 3934-3948.	3.5	40
32	Unparalleled coupled ocean-atmosphere summer heatwaves in the New Zealand region: drivers, mechanisms and impacts. <i>Climatic Change</i> , 2020, 162, 485-506.	3.6	34
33	Large-Scale Forcing of the Amundsen Sea Low and Its Influence on Sea Ice and West Antarctic Temperature. <i>Journal of Climate</i> , 2017, 30, 8405-8424.	3.2	33
34	Consistent biases in Antarctic sea ice concentration simulated by climate models. <i>Cryosphere</i> , 2018, 12, 365-383.	3.9	33
35	Austral Spring Southern Hemisphere Circulation and Temperature Changes and Links to the SPCZ. <i>Journal of Climate</i> , 2015, 28, 7371-7384.	3.2	32
36	The Relationship between Red Cod, <i>Pseudophycis Bachus</i> , Recruitment and Environmental Variables in New Zealand. <i>Environmental Biology of Fishes</i> , 2001, 61, 315-328.	1.0	31

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37	Regional model simulations of New Zealand climate. <i>Journal of Geophysical Research</i> , 1998, 103, 5973-5982.	3.3	30
38	Patterns of convection in the tropical pacific and their influence on New Zealand weather. <i>International Journal of Climatology</i> , 2002, 22, 151-174.	3.5	29
39	Synoptic Weather Types for the Ross Sea Region, Antarctica. <i>Journal of Climate</i> , 2013, 26, 636-649.	3.2	28
40	The climatological relationship between tropical cyclones in the southwest pacific and the Madden-Julian Oscillation. <i>International Journal of Climatology</i> , 2015, 35, 676-686.	3.5	28
41	Convection Patterns in the Tropical Pacific and Their Influence on the Atmospheric Circulation at Higher Latitudes. <i>Journal of Climate</i> , 2002, 15, 137-159.	3.2	24
42	Reconstructing the South Pacific Convergence Zone Position during the Presatellite Era: A La Niña Case Study. <i>Monthly Weather Review</i> , 2012, 140, 3653-3668.	1.4	24
43	The climatological relationship between tropical cyclones in the southwest Pacific and the southern annular mode. <i>International Journal of Climatology</i> , 2015, 35, 613-623.	3.5	24
44	Dominant modes of winter precipitation variability over Central Southwest Asia and inter-decadal change in the ENSO teleconnection. <i>Climate Dynamics</i> , 2019, 53, 5689-5707.	3.8	24
45	Using synoptic type analysis to understand New Zealand climate during the Mid-Holocene. <i>Climate of the Past</i> , 2011, 7, 1189-1207.	3.4	23
46	Atmospheric Forcing of Antarctic Sea Ice on Intraseasonal Time Scales. <i>Journal of Climate</i> , 2012, 25, 5962-5975.	3.2	22
47	Seasonal Prediction of Winter Precipitation Anomalies over Central Southwest Asia: A Canonical Correlation Analysis Approach. <i>Journal of Climate</i> , 2018, 31, 727-741.	3.2	21
48	Autumn Cooling of Western East Antarctica Linked to the Tropical Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 89-107.	3.3	21
49	An ex-tropical cyclone climatology for Auckland, New Zealand. <i>International Journal of Climatology</i> , 2014, 34, 1157-1168.	3.5	20
50	Wintertime precipitation climatology and ENSO sensitivity over central southwest Asia. <i>International Journal of Climatology</i> , 2017, 37, 1494-1509.	3.5	19
51	A Regression-based Assessment of the Predictability of New Zealand Climate Anomalies. <i>Theoretical and Applied Climatology</i> , 1998, 60, 21-36.	2.8	18
52	Climate Change Scenarios for New Zealand Rainfall. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 573-590.	1.5	18
53	Pollen-climate reconstruction from northern South Island, New Zealand (41°S), reveals varying high- and low-latitude teleconnections over the last 16 000 years. <i>Journal of Quaternary Science</i> , 2015, 30, 817-829.	2.1	18
54	Modeling Ash Dispersal From Future Eruptions of Taupo Supervolcano. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3375-3401.	2.5	18

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55	An Assessment of Future Southern Hemisphere Blocking Using CMIP5 Projections from Four GCMs. <i>Journal of Climate</i> , 2016, 29, 7599-7611.	3.2	17
56	Devising urban ecosystem-based adaptation (EbA) projects with developing nations: A case study of Port Vila, Vanuatu. <i>Ocean and Coastal Management</i> , 2020, 184, 105037.	4.4	16
57	Climatic influences on the survival of southern gemfish (<i>Rexea solandri</i> , Gempylidae) in New Zealand waters. <i>International Journal of Climatology</i> , 1998, 18, 1655-1667.	3.5	13
58	Simulation of New Zealand's climate using a high-resolution nested regional climate model. <i>International Journal of Climatology</i> , 2007, 27, 1153-1169.	3.5	13
59	Variations of monsoon rainfall: A simple unified index. <i>Geophysical Research Letters</i> , 2014, 41, 575-581.	4.0	13
60	High-resolution modelling of mid-Holocene New Zealand climate at 6000 yr BP. <i>Holocene</i> , 2013, 23, 1272-1285.	1.7	12
61	The use of synoptic climatology with general circulation model output over New Zealand. <i>International Journal of Climatology</i> , 2014, 34, 3426-3439.	3.5	12
62	The role of Amundsen-Bellinghshausen Sea anticyclonic circulation in forcing marine air intrusions into West Antarctica. <i>Climate Dynamics</i> , 2018, 51, 3579-3596.	3.8	12
63	Environmental sustainability in anaesthesia and critical care. Response to Br J Anaesth 2021; 126: e195-e197. <i>British Journal of Anaesthesia</i> , 2021, 126, e193-e195.	3.4	11
64	Relationship between eastern tropical Pacific cooling and recent trends in the Southern Hemisphere zonal-mean circulation. <i>Climate Dynamics</i> , 2017, 49, 113-129.	3.8	10
65	The Southern Hemisphere semiannual oscillation and circulation variability during the Mid-Holocene. <i>Climate of the Past</i> , 2010, 6, 415-430.	3.4	9
66	On the Presence of Tropical Vortices over the Southeast Asian Sea-Maritime Continent Region. <i>Journal of Climate</i> , 2016, 29, 4793-4800.	3.2	9
67	The Representation of the South Pacific Convergence Zone in the Twentieth Century Reanalysis. <i>Monthly Weather Review</i> , 2019, 147, 841-851.	1.4	9
68	A Regression-Based Scheme for Seasonal Forecasting of New Zealand Temperature. <i>Journal of Climate</i> , 2003, 16, 1843-1853.	3.2	9
69	ENSO Modulates Summer and Autumn Sea Ice Variability Around Dronning Maud Land, Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033140.	3.3	8
70	Simulation of multisite precipitation using an extended chain-dependent process. <i>Water Resources Research</i> , 2010, 46, .	4.2	5
71	Significant extra-tropical anomalies in the lead up to the Black Saturday fires. <i>International Journal of Climatology</i> , 2016, 36, 1011-1018.	3.5	5
72	Aspects of intraseasonal variability of Antarctic sea ice in austral winter related to ENSO and SAM events. <i>Journal of Glaciology</i> , 2017, 63, 838-846.	2.2	4

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73	Late Quaternary Climate Variability and Change from Aotearoa New Zealand Speleothems: Progress in Age Modelling, Oxygen Isotope Master Record Construction and Proxy-Model Comparisons. <i>Quaternary</i> , 2020, 3, 24.	2.0	4
74	“Beyond Weather Regimes”: Descriptors Monitoring Atmospheric Centers of Action. A case study for Aotearoa New Zealand. <i>Journal of Climate</i> , 2021, , 1-50.	3.2	4
75	Precipitation and temperature anomalies over Aotearoa New Zealand analysed by weather types and descriptors of atmospheric centres of action. <i>International Journal of Climatology</i> , 0, , .	3.5	4
76	Features of the zonal mean circulation in the Southern Hemisphere during the Last Glacial Maximum. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	3
77	Comment on “A Reanalysis of Long-Term Surface Air Temperature Trends in New Zealand”, <i>Environmental Modeling and Assessment</i> , 2018, 23, 249-262.	2.2	3
78	Southern Hemisphere Medium-Range Forecast Skill and Predictability: A Comparison of Two Operational Models. <i>Monthly Weather Review</i> , 2001, 129, 2377-2391.	1.4	1