Daniel ArgÃ¼eso

List of Publications by Year
in descending order

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41 papers	2,037 citations	236833 25 h-index	315616 38 g-index
47 all docs	47 docs citations	47 times ranked	2578 citing authors

#	Article	IF	Citations
1	Scalar arguments of the mathematical functions defining molecular and turbulent transport of heat and mass in compressible fluids. Tellus, Series B: Chemical and Physical Meteorology, 2022, 63, 1059.	0.8	11
2	Numerical Simulation of Atmospheric Lamb Waves Generated by the 2022 Hungaâ€Tonga Volcanic Eruption. Geophysical Research Letters, 2022, 49, .	1.5	99
3	Mechanisms for extreme precipitation changes in a tropical archipelago. Journal of Climate, 2022, , 1-53.	1.2	0
4	Evaluating Precipitation Errors Using the Environmentally Conditioned Intensityâ€Frequency Decomposition Method. Journal of Advances in Modeling Earth Systems, 2021, 13, e2020MS002447.	1.3	5
5	‹scp›Convection‹/scp›â€permitting modeling with regional climate models: Latest developments and next steps. Wiley Interdisciplinary Reviews: Climate Change, 2021, 12, e731.	3.6	74
6	East Australian Cyclones and Airâ€Sea Feedbacks. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034391.	1.2	0
7	Precipitation Features of the Maritime Continent in Parameterized and Explicit Convection Models. Journal of Climate, 2020, 33, 2449-2466.	1.2	20
8	Regional Versus Remote Atmosphereâ€Ocean Drivers of the Rapid Projected Intensification of the East Australian Current. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015889.	1.0	14
9	Strong Intensification of Hourly Rainfall Extremes by Urbanization. Geophysical Research Letters, 2020, 47, e2020GL088758.	1.5	62
10	Contribution of mean climate to hot temperature extremes for present and future climates. Weather and Climate Extremes, 2020, 28, 100255.	1.6	22
11	Projected change in characteristics of near surface temperature inversions for southeast Australia. Climate Dynamics, 2019, 52, 1487-1503.	1.7	24
12	Evaluating reanalysis-driven CORDEX regional climate models over Australia: model performance and errors. Climate Dynamics, 2019, 53, 2985-3005.	1.7	44
13	Amplification of Australian Heatwaves via Local Landâ€Atmosphere Coupling. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13625-13647.	1.2	43
14	Wind power characteristics of Oahu, Hawaii. Renewable Energy, 2018, 128, 324-336.	4.3	24
15	Evaluation of the regional climate response in Australia to large-scale climate modes in the historical NARCliM simulations. Climate Dynamics, 2017, 49, 2815-2829.	1.7	27
16	Resolution dependence of the simulated precipitation and diurnal cycle over the Maritime Continent. Climate Dynamics, 2017, 48, 4009-4028.	1.7	24
17	Bias-corrected regional climate projections of extreme rainfall in south-east Australia. Theoretical and Applied Climatology, 2017, 130, 1085-1098.	1.3	39
18	The effect of bias correction and climate model resolution on wheat simulations forced with a regional climate model ensemble. International Journal of Climatology, 2016, 36, 4577-4591.	1.5	26

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19	Natural hazards in Australia: heatwaves. Climatic Change, 2016, 139, 101-114.	1.7	80
20	Influence of landâ€atmosphere feedbacks on temperature and precipitation extremes in the GLACEâ€CMIP5 ensemble. Journal of Geophysical Research D: Atmospheres, 2016, 121, 607-623.	1.2	102
21	Quantifying the overall added value of dynamical downscaling and the contribution from different spatial scales. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1575-1590.	1.2	69
22	Seasonal mean temperature changes control future heat waves. Geophysical Research Letters, 2016, 43, 7653-7660.	1.5	51
23	Precipitation over urban areas in the western Maritime Continent using a convection-permitting model. Climate Dynamics, 2016, 47, 1143-1159.	1.7	46
24	Evaluating the representation of Australian East Coast Lows in a regional climate model ensemble. Australian Meteorological Magazine, 2016, 66, 108-124.	0.4	15
25	Evaluating the representation of Australian East Coast Lows in a regional climate model ensemble. Journal of Southern Hemisphere Earth Systems Science, 2016, 66, 108-124.	0.7	4
26	Evaluation of long-term precipitation and temperature Weather Research and Forecasting simulations for southeast Australia. Climate Research, 2016, 67, 99-115.	0.4	29
27	The NARCliM project: model agreement and significance of climate projections. Climate Research, 2016, 69, 209-227.	0.4	48
28	Relationships between climate variability, soil moisture, and Australian heatwaves. Journal of Geophysical Research D: Atmospheres, 2015, 120, 8144-8164.	1.2	108
29	Longâ€range seasonal streamflow forecasting over the <scp>I</scp>berian <scp>P</scp>eninsula using largeâ€scale atmospheric and oceanic information. Water Resources Research, 2015, 51, 3543-3567.	1.7	26
30	Effects of City Expansion on Heat Stress under Climate Change Conditions. PLoS ONE, 2015, 10, e0117066.	1.1	87
31	Resolution Sensitivity of Cyclone Climatology over Eastern Australia Using Six Reanalysis Products*. Journal of Climate, 2015, 28, 9530-9549.	1.2	30
32	Using large-scale diagnostic quantities to investigate change in East Coast Lows. Climate Dynamics, 2015, 45, 2443-2453.	1.7	27
33	Comparison of various climate change projections of eastern Australian rainfall. , 2015, 65, 72-89.		18
34	Design of a regional climate modelling projection ensemble experiment â€“ NARCliM. Geoscientific Model Development, 2014, 7, 621-629.	1.3	175
35	Temperature response to future urbanization and climate change. Climate Dynamics, 2014, 42, 2183-2199.	1.7	218
36	Precipitation bias correction of very high resolution regional climate models. Hydrology and Earth System Sciences, 2013, 17, 4379-4388.	1.9	57

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37	Evaluation of WRF Mean and Extreme Precipitation over Spain: Present Climate (1970â€“99). Journal of Climate, 2012, 25, 4883-4897.	1.2	46
38	Highâ€resolution projections of mean and extreme precipitation over Spain using the WRF model (2070â€“2099 versus 1970â€“1999). Journal of Geophysical Research, 2012, 117, .	3.3	40
39	Trends of extreme precipitation and associated synoptic patterns over the southern Iberian Peninsula. Journal of Hydrology, 2011, 409, 497-511.	2.3	67
40	Spatio-temporal variability in Ebro river basin (NE Spain): Global SST as potential source of predictability on decadal time scales. Journal of Hydrology, 2011, 409, 759-775.	2.3	19
41	Evaluation of WRF Parameterizations for Climate Studies over Southern Spain Using a Multistep Regionalization. Journal of Climate, 2011, 24, 5633-5651.	1.2	109