

Daniel Argente

List of Publications by Year in descending order

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Version: 2024-02-01

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	Temperature response to future urbanization and climate change. <i>Climate Dynamics</i> , 2014, 42, 2183-2199.	1.7	218
2	Design of a regional climate modelling projection ensemble experiment “NARCLIM. <i>Geoscientific Model Development</i> , 2014, 7, 621-629.	1.3	175
3	Evaluation of WRF Parameterizations for Climate Studies over Southern Spain Using a Multistep Regionalization. <i>Journal of Climate</i> , 2011, 24, 5633-5651.	1.2	109
4	Relationships between climate variability, soil moisture, and Australian heatwaves. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8144-8164.	1.2	108
5	Influence of land-atmosphere feedbacks on temperature and precipitation extremes in the GLACE-CMIP5 ensemble. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 607-623.	1.2	102
6	Numerical Simulation of Atmospheric Lamb Waves Generated by the 2022 Hunga-Tonga Volcanic Eruption. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	99
7	Effects of City Expansion on Heat Stress under Climate Change Conditions. <i>PLoS ONE</i> , 2015, 10, e0117066.	1.1	87
8	Natural hazards in Australia: heatwaves. <i>Climatic Change</i> , 2016, 139, 101-114.	1.7	80
9	<sc>Convection</sc>-permitting modeling with regional climate models: Latest developments and next steps. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2021, 12, e731.	3.6	74
10	Quantifying the overall added value of dynamical downscaling and the contribution from different spatial scales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1575-1590.	1.2	69
11	Trends of extreme precipitation and associated synoptic patterns over the southern Iberian Peninsula. <i>Journal of Hydrology</i> , 2011, 409, 497-511.	2.3	67
12	Strong Intensification of Hourly Rainfall Extremes by Urbanization. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088758.	1.5	62
13	Precipitation bias correction of very high resolution regional climate models. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4379-4388.	1.9	57
14	Seasonal mean temperature changes control future heat waves. <i>Geophysical Research Letters</i> , 2016, 43, 7653-7660.	1.5	51
15	The NARCLIM project: model agreement and significance of climate projections. <i>Climate Research</i> , 2016, 69, 209-227.	0.4	48
16	Evaluation of WRF Mean and Extreme Precipitation over Spain: Present Climate (1970-99). <i>Journal of Climate</i> , 2012, 25, 4883-4897.	1.2	46
17	Precipitation over urban areas in the western Maritime Continent using a convection-permitting model. <i>Climate Dynamics</i> , 2016, 47, 1143-1159.	1.7	46
18	Evaluating reanalysis-driven CORDEX regional climate models over Australia: model performance and errors. <i>Climate Dynamics</i> , 2019, 53, 2985-3005.	1.7	44

#	ARTICLE	IF	CITATIONS
19	Amplification of Australian Heatwaves via Local Land-Atmosphere Coupling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13625-13647.	1.2	43
20	High-resolution projections of mean and extreme precipitation over Spain using the WRF model (2070-2099 versus 1970-1999). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	40
21	Bias-corrected regional climate projections of extreme rainfall in south-east Australia. <i>Theoretical and Applied Climatology</i> , 2017, 130, 1085-1098.	1.3	39
22	Resolution Sensitivity of Cyclone Climatology over Eastern Australia Using Six Reanalysis Products*. <i>Journal of Climate</i> , 2015, 28, 9530-9549.	1.2	30
23	Evaluation of long-term precipitation and temperature Weather Research and Forecasting simulations for southeast Australia. <i>Climate Research</i> , 2016, 67, 99-115.	0.4	29
24	Using large-scale diagnostic quantities to investigate change in East Coast Lows. <i>Climate Dynamics</i> , 2015, 45, 2443-2453.	1.7	27
25	Evaluation of the regional climate response in Australia to large-scale climate modes in the historical NARCLIM simulations. <i>Climate Dynamics</i> , 2017, 49, 2815-2829.	1.7	27
26	Long-range seasonal streamflow forecasting over the Iberian Peninsula using large-scale atmospheric and oceanic information. <i>Water Resources Research</i> , 2015, 51, 3543-3567.	1.7	26
27	The effect of bias correction and climate model resolution on wheat simulations forced with a regional climate model ensemble. <i>International Journal of Climatology</i> , 2016, 36, 4577-4591.	1.5	26
28	Resolution dependence of the simulated precipitation and diurnal cycle over the Maritime Continent. <i>Climate Dynamics</i> , 2017, 48, 4009-4028.	1.7	24
29	Wind power characteristics of Oahu, Hawaii. <i>Renewable Energy</i> , 2018, 128, 324-336.	4.3	24
30	Projected change in characteristics of near surface temperature inversions for southeast Australia. <i>Climate Dynamics</i> , 2019, 52, 1487-1503.	1.7	24
31	Contribution of mean climate to hot temperature extremes for present and future climates. <i>Weather and Climate Extremes</i> , 2020, 28, 100255.	1.6	22
32	Precipitation Features of the Maritime Continent in Parameterized and Explicit Convection Models. <i>Journal of Climate</i> , 2020, 33, 2449-2466.	1.2	20
33	Spatio-temporal variability in Ebro river basin (NE Spain): Global SST as potential source of predictability on decadal time scales. <i>Journal of Hydrology</i> , 2011, 409, 759-775.	2.3	19
34	Comparison of various climate change projections of eastern Australian rainfall. , 2015, 65, 72-89.		18
35	Evaluating the representation of Australian East Coast Lows in a regional climate model ensemble. <i>Australian Meteorological Magazine</i> , 2016, 66, 108-124.	0.4	15
36	Regional Versus Remote Atmosphere-Ocean Drivers of the Rapid Projected Intensification of the East Australian Current. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015889.	1.0	14

#	ARTICLE	IF	CITATIONS
37	Scalar arguments of the mathematical functions defining molecular and turbulent transport of heat and mass in compressible fluids. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 1059.	0.8	11
38	Evaluating Precipitation Errors Using the Environmentally Conditioned Intensity-Frequency Decomposition Method. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002447.	1.3	5
39	Evaluating the representation of Australian East Coast Lows in a regional climate model ensemble. <i>Journal of Southern Hemisphere Earth Systems Science</i> , 2016, 66, 108-124.	0.7	4
40	East Australian Cyclones and Air-Sea Feedbacks. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034391.	1.2	0
41	Mechanisms for extreme precipitation changes in a tropical archipelago. <i>Journal of Climate</i> , 2022, , 1-53.	1.2	0