Giovanni Di Virgilio

List of Publications by Year
in descending order

27	734	567281 15	552781 26
papers	citations	h-index	g-index

27	27	27	1050
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selecting CMIP6 GCMs for CORDEX Dynamical Downscaling: Model Performance, Independence, and Climate Change Signals. Earth's Future, 2022, 10, .	6.3	31
2	Future population exposure to Australian heatwaves. Environmental Research Letters, 2022, 17, 064030.	5.2	13
3	The CORDEX-Australasia ensemble: evaluation and future projections. Climate Dynamics, 2021, 57, 1385-1401.	3.8	18
4	Introducing NARCliM1.5: Evaluating the Performance of Regional Climate Projections for Southeast Australia for 1950â€“2100. Earth's Future, 2021, 9, e2020EF001833.	6.3	20
5	Air quality impacts of the 2019â€“2020 Black Summer wildfires on Australian schools. Atmospheric Environment, 2021, 261, 118450.	4.1	10
6	Projected changes in vertical temperature profiles for Australasia. Climate Dynamics, 2020, 55, 2453-2468.	3.8	6
7	Climate Change Significantly Alters Future Wildfire Mitigation Opportunities in Southeastern Australia. Geophysical Research Letters, 2020, 47, e2020GL088893.	4.0	18
8	Realised added value in dynamical downscaling of Australian climate change. Climate Dynamics, 2020, 54, 4675-4692.	3.8	31
9	Australian Precipitation Recycling and Evaporative Source Regions. Journal of Climate, 2020, 33, 8721-8735.	3.2	24
10	Climate Change Increases the Potential for Extreme Wildfires. Geophysical Research Letters, 2019, 46, 8517-8526.	4.0	153
11	Beyond isolation by distance: What best explains functional connectivity among populations of three sympatric plant species in an ancient terrestrial island system?. Diversity and Distributions, 2019, 25, 1551-1563.	4.1	5
12	Future changes in extreme weather and pyroconvection risk factors for Australian wildfires. Scientific Reports, 2019, 9, 10073.	3.3	104
13	Characterisation of range restriction amongst the rare flora of Banded Ironstone Formation ranges in semiarid south-western Australia. Australian Journal of Botany, 2019, 67, 234.	0.6	13
14	Evaluating reanalysis-driven CORDEX regional climate models over Australia: model performance and errors. Climate Dynamics, 2019, 53, 2985-3005.	3.8	44
15	Evaluation of the CABLEv2.3.4 Land Surface Model Coupled to NUâ€WRFv3.9.1.1 in Simulating Temperature and Precipitation Means and Extremes Over CORDEX AustralAsia Within a WRF Physics Ensemble. Journal of Advances in Modeling Earth Systems, 2019, 11, 4466-4488.	3.8	7
16	Amplification of Australian Heatwaves via Local Landâ€Atmosphere Coupling. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13625-13647.	3.3	43
17	Characterising fine-scale variation in plant species richness and endemism across topographically complex, semi-arid landscapes. Journal of Arid Environments, 2018, 156, 59-68.	2.4	11
18	Meteorological controls on atmospheric particulate pollution during hazard reduction burns. Atmospheric Chemistry and Physics, 2018, 18, 6585-6599.	4.9	18

#	Article	IF	Citations
19	Visualising the relationships between synoptic circulation type and air quality in Sydney, a subtropical coastalâ€basin environment. International Journal of Climatology, 2017, 37, 1211-1228.	3.5	29
20	Does rangeâ€restricted evolutionary history predict extinction risk? A case study in lizards. Journal of Biogeography, 2017, 44, 605-614.	3.0	5
21	Rangeâ€weighted metrics of species and phylogenetic turnover can better resolve biogeographic transition zones. Methods in Ecology and Evolution, 2016, 7, 580-588.	5.2	57
22	Integrating rehabilitation, restoration and conservation for a sustainable jarrah forest future during climate disruption. Pacific Conservation Biology, 2015, 21, 175.	1.0	20
23	Spatial variation in the climatic predictors of species compositional turnover and endemism. Ecology and Evolution, 2014, 4, 3264-3278.	1.9	11
24	Using maps of continuous variation in species compositional turnover to supplement uniform polygon species range maps. International Journal of Geographical Information Science, 2014, 28, 1658-1673.	4.8	1
25	Temporal Geobiotic Mapping: a conceptual mapping technique toward visualising geobiotic areas in cross-section. Revista Brasileira De Entomologia, 2013, 57, 241-247.	0.4	0
26	Quantifying High Resolution Transitional Breaks in Plant and Mammal Distributions at Regional Extent and Their Association with Climate, Topography and Geology. PLoS ONE, 2013, 8, e59227.	2.5	10
27	Fine-scale quantification of floral and faunal breaks and their geographic correlates, with an example from south-eastern Australia. Journal of Biogeography, 2012, 39, 1862-1876.	3.0	32