

Giovanni Di Virgilio

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

734
citations

567281

15
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate Change Increases the Potential for Extreme Wildfires. <i>Geophysical Research Letters</i> , 2019, 46, 8517-8526.	4.0	153
2	Future changes in extreme weather and pyroconvection risk factors for Australian wildfires. <i>Scientific Reports</i> , 2019, 9, 10073.	3.3	104
3	Range-weighted metrics of species and phylogenetic turnover can better resolve biogeographic transition zones. <i>Methods in Ecology and Evolution</i> , 2016, 7, 580-588.	5.2	57
4	Evaluating reanalysis-driven CORDEX regional climate models over Australia: model performance and errors. <i>Climate Dynamics</i> , 2019, 53, 2985-3005.	3.8	44
5	Amplification of Australian Heatwaves via Local Land-Atmosphere Coupling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13625-13647.	3.3	43
6	Fine-scale quantification of floral and faunal breaks and their geographic correlates, with an example from south-eastern Australia. <i>Journal of Biogeography</i> , 2012, 39, 1862-1876.	3.0	32
7	Realised added value in dynamical downscaling of Australian climate change. <i>Climate Dynamics</i> , 2020, 54, 4675-4692.	3.8	31
8	Selecting CMIP6 GCMs for CORDEX Dynamical Downscaling: Model Performance, Independence, and Climate Change Signals. <i>Earth's Future</i> , 2022, 10, .	6.3	31
9	Visualising the relationships between synoptic circulation type and air quality in Sydney, a subtropical coastal-basin environment. <i>International Journal of Climatology</i> , 2017, 37, 1211-1228.	3.5	29
10	Australian Precipitation Recycling and Evaporative Source Regions. <i>Journal of Climate</i> , 2020, 33, 8721-8735.	3.2	24
11	Integrating rehabilitation, restoration and conservation for a sustainable jarrah forest future during climate disruption. <i>Pacific Conservation Biology</i> , 2015, 21, 175.	1.0	20
12	Introducing NARClIM1.5: Evaluating the Performance of Regional Climate Projections for Southeast Australia for 1950-2100. <i>Earth's Future</i> , 2021, 9, e2020EF001833.	6.3	20
13	Meteorological controls on atmospheric particulate pollution during hazard reduction burns. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6585-6599.	4.9	18
14	Climate Change Significantly Alters Future Wildfire Mitigation Opportunities in Southeastern Australia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088893.	4.0	18
15	The CORDEX-Australasia ensemble: evaluation and future projections. <i>Climate Dynamics</i> , 2021, 57, 1385-1401.	3.8	18
16	Characterisation of range restriction amongst the rare flora of Banded Ironstone Formation ranges in semiarid south-western Australia. <i>Australian Journal of Botany</i> , 2019, 67, 234.	0.6	13
17	Future population exposure to Australian heatwaves. <i>Environmental Research Letters</i> , 2022, 17, 064030.	5.2	13
18	Spatial variation in the climatic predictors of species compositional turnover and endemism. <i>Ecology and Evolution</i> , 2014, 4, 3264-3278.	1.9	11

#	ARTICLE	IF	CITATIONS
19	Characterising fine-scale variation in plant species richness and endemism across topographically complex, semi-arid landscapes. <i>Journal of Arid Environments</i> , 2018, 156, 59-68.	2.4	11
20	Quantifying High Resolution Transitional Breaks in Plant and Mammal Distributions at Regional Extent and Their Association with Climate, Topography and Geology. <i>PLoS ONE</i> , 2013, 8, e59227.	2.5	10
21	Air quality impacts of the 2019–2020 Black Summer wildfires on Australian schools. <i>Atmospheric Environment</i> , 2021, 261, 118450.	4.1	10
22	Evaluation of the CABLEv2.3.4 Land Surface Model Coupled to NUIWRFv3.9.1.1 in Simulating Temperature and Precipitation Means and Extremes Over CORDEX AustralAsia Within a WRF Physics Ensemble. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4466-4488.	3.8	7
23	Projected changes in vertical temperature profiles for Australasia. <i>Climate Dynamics</i> , 2020, 55, 2453-2468.	3.8	6
24	Does range-restricted evolutionary history predict extinction risk? A case study in lizards. <i>Journal of Biogeography</i> , 2017, 44, 605-614.	3.0	5
25	Beyond isolation by distance: What best explains functional connectivity among populations of three sympatric plant species in an ancient terrestrial island system?. <i>Diversity and Distributions</i> , 2019, 25, 1551-1563.	4.1	5
26	Using maps of continuous variation in species compositional turnover to supplement uniform polygon species range maps. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1658-1673.	4.8	1
27	Temporal Geobiotic Mapping: a conceptual mapping technique toward visualising geobiotic areas in cross-section. <i>Revista Brasileira De Entomologia</i> , 2013, 57, 241-247.	0.4	0