

Joris Pianezze

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

359
citations

1163117

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h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the Meso-NH model version 5.4 and its applications. <i>Geoscientific Model Development</i> , 2018, 11, 1929-1969.	3.6	194
2	SURFEX v8.0 interface with OASIS3-MCT to couple atmosphere with hydrology, ocean, waves and sea-ice models, from coastal to global scales. <i>Geoscientific Model Development</i> , 2017, 10, 4207-4227.	3.6	50
3	A New Coupled Ocean-Waves-Atmosphere Model Designed for Tropical Storm Studies: Example of Tropical Cyclone Bejisa (2013-2014) in the South-West Indian Ocean. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 801-825.	3.8	27
4	First results of the Piton de la Fournaise STRAP 2015 experiment: multidisciplinary tracking of a volcanic gas and aerosol plume. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5355-5378.	4.9	21
5	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 1: Overview and Observing Component of the Research Project RENOVRIK-CYCLONE. <i>Atmosphere</i> , 2021, 12, 544.	2.3	16
6	Impact of a sharp, small-scale SST front on the marine atmospheric boundary layer on the Iroise Sea: Analysis from a hectometric simulation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 3692-3714.	2.7	10
7	The Effect of Atmosphere-Ocean Coupling on the Structure and Intensity of Tropical Cyclone Bejisa in the Southwest Indian Ocean. <i>Atmosphere</i> , 2021, 12, 688.	2.3	10
8	Volcanic Plume Aging During Passive Degassing and Low Eruptive Events of Etna and Stromboli Volcanoes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11389-11405.	3.3	9
9	ReNovRisk: a multidisciplinary programme to study the cyclonic risks in the South-West Indian Ocean. <i>Natural Hazards</i> , 2021, 107, 1191-1223.	3.4	9
10	Projected Characteristic Changes of a Typical Tropical Cyclone under Climate Change in the South West Indian Ocean. <i>Atmosphere</i> , 2021, 12, 232.	2.3	8
11	Impact of Tropical Cyclones on Inhabited Areas of the SWIO Basin at Present and Future Horizons. Part 2: Modeling Component of the Research Program RENOVRIK-CYCLONE. <i>Atmosphere</i> , 2021, 12, 689.	2.3	5
12	Development of a forecast-oriented kilometre-resolution ocean-atmosphere coupled system for western Europe and sensitivity study for a severe weather situation. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1301-1324.	3.6	0