

Flavio T Couto

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

134
citations

1478505

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h-index

1474206

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17
all docs

17
docs citations

17
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling the Atmospheric Environment Associated with a Wind-Driven Fire Event in Portugal. Atmosphere, 2022, 13, 1124.	2.3	5
2	How a mesoscale cyclonic vortex over Sahara leads to a dust outbreak in South-western Iberia. Atmospheric Research, 2021, 249, 105302.	4.1	6
3	Characterization of forest fire and Saharan desert dust aerosols over south-western Europe using a multi-wavelength Raman lidar and Sun-photometer. Atmospheric Environment, 2021, 252, 118346.	4.1	13
4	Forest Fires in Madeira Island and the Fire Weather Created by Orographic Effects. Atmosphere, 2021, 12, 827.	2.3	13
5	Lightning modelling for the research of forest fire ignition in Portugal. Atmospheric Research, 2020, 242, 104993.	4.1	30
6	Understanding significant precipitation in Madeira island using high-resolution numerical simulations of real cases. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 251-264.	2.7	3
7	Numerical simulations of significant orographic precipitation in Madeira island. Atmospheric Research, 2016, 169, 102-112.	4.1	12
8	Precipitation in the Madeira Island over a 10-year period and the meridional water vapour transport during the winter seasons. International Journal of Climatology, 2015, 35, 3748-3759.	3.5	16
9	Analysis of atmospheric vertical profiles in the presence of desert dust aerosols. IOP Conference Series: Earth and Environmental Science, 2015, 28, 012006.	0.3	0
10	Analysis of intense rainfall events on Madeira Island during the 2009/2010 winter. Natural Hazards and Earth System Sciences, 2012, 12, 2225-2240.	3.6	33