

Flavio T Couto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7264517/publications.pdf>

Version: 2024-02-01

10
papers

134
citations

1478505

6
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

132
citing authors

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