

Jose Luis Palau

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

377
citations

1163117

8
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea Surface Temperature in the Mediterranean: Trends and Spatial Patterns (1982â€“2016). Pure and Applied Geophysics, 2018, 175, 4017-4029.	1.9	111
2	Mesoscale circulations over complex terrain in the Valencia coastal region, Spain â€“ Part 2: Modeling CO<sub>2</sub> transport using idealized surface fluxes. Atmospheric Chemistry and Physics, 2007, 7, 1851-1868.	4.9	67
3	Mesoscale circulations over complex terrain in the Valencia coastal region, Spain â€“ Part 1: Simulation of diurnal circulation regimes. Atmospheric Chemistry and Physics, 2007, 7, 1835-1849.	4.9	55
4	The importance of meteorological scales to forecast air pollution scenarios on coastal complex terrain. Atmospheric Chemistry and Physics, 2005, 5, 2771-2785.	4.9	41
5	Daily evolution of sulphate aerosols in a rural area, northeastern Spainâ€™elucidation of an atmospheric reservoir effect. Environmental Pollution, 1999, 105, 397-407.	7.5	23
6	Study of Mesobeta Basin Flows by Remote Sensing. Boundary-Layer Meteorology, 2012, 143, 143-158.	2.3	18
7	Sea Surface Temperature in the Mediterranean: Trends and Spatial Patterns (1982â€“2016). Pageoph Topical Volumes, 2019, , 297-309.	0.2	18
8	A study of dispersion in complex terrain under winter conditions using high-resolution mesoscale and Lagrangian particle models. Atmospheric Chemistry and Physics, 2006, 6, 1105-1134.	4.9	13
9	Transitional dispersive scenarios driven by mesoscale flows on complex terrain under strong dry convective conditions. Atmospheric Chemistry and Physics, 2009, 9, 119-130.	4.9	7
10	Technical note: Long-term probe misalignment and proposed quality control using the heat pulse method for transpiration estimations. Hydrology and Earth System Sciences, 2020, 24, 2755-2767.	4.9	6
11	Meso-Alpha Scale Tropospheric Interactions within the Western Mediterranean Basin: Statistical Results Using 15-Year NCEP/NCAR Reanalysis Dataset. Advances in Meteorology, 2015, 2015, 1-11.	1.6	5
12	Seasonal differences in SO2 ground-level impacts from a power plant plume on complex terrain. Environmental Monitoring and Assessment, 2009, 149, 445-455.	2.7	4
13	Satellite Observations of the Seasonal Evolution of Total Precipitable Water Vapour over the Mediterranean Sea. Advances in Meteorology, 2017, 2017, 1-9.	1.6	4
14	Meteorology and Climatology of the Mediterranean and Black Seas: Introduction. Pure and Applied Geophysics, 2018, 175, 3721-3725.	1.9	3
15	A Methodology for the Characterization of Periodicities in Nonsteady Time Series: Application to Tropospheric Ozone Recharging Cycles in the Western Mediterranean Basin. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1644-1656.	1.3	2
16	Chapter 4.4 Final results of the model inter-comparison of very high-resolution simulations with numerical weather prediction models for eight urban air pollution episodes in four European cities. Developments in Environmental Science, 2007, , 383-394.	0.5	0
17	Chapter 4 Relating Source-Specific Atmospheric Sulfur Dioxide Inputs to Ecological Effects Assessment in a Complex Terrain. Developments in Environmental Science, 2009, , 99-120.	0.5	0
18	Meteorology and Climatology of the Mediterranean and Black Seas: Introduction. Pageoph Topical Volumes, 2019, , 1-5.	0.2	0