

Gregorio Maqueda Burgos

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

486
citations

759233

12
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996975

15
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18
all docs

18
docs citations

18
times ranked

609
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation and cloud-base lowering fog events: Observational analysis and evaluation of WRF and HARMONIE. <i>Atmospheric Research</i> , 2019, 229, 190-207.	4.1	23
2	From weak to intense downslope winds: origin, interaction with boundary-layer turbulence and impact on CO ₂ and variability. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4615-4635.	4.9	5
3	Comparing mountain breezes and their impacts on CO ₂ mixing ratios at three contrasting areas. <i>Atmospheric Research</i> , 2019, 221, 111-126.	4.1	16
4	Urban vegetation and particle air pollution: Experimental campaigns in a traffic hotspot. <i>Environmental Pollution</i> , 2019, 247, 195-205.	7.5	44
5	Application of a short term air quality action plan in Madrid (Spain) under a high-pollution episode - Part I: Diagnostic and analysis from observations. <i>Science of the Total Environment</i> , 2018, 635, 1561-1573.	8.0	40
6	Influence of atmospheric stratification on the integral scale and fractal dimension of turbulent flows. <i>Nonlinear Processes in Geophysics</i> , 2016, 23, 407-417.	1.3	0
7	Forecasting radiation fog at climatologically contrasting sites: evaluation of statistical methods and WRF. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 1048-1063.	2.7	69
8	Assessment of microscale spatio-temporal variation of air pollution at an urban hotspot in Madrid (Spain) through an extensive field campaign. <i>Atmospheric Environment</i> , 2016, 140, 432-445.	4.1	59
9	Estimating fog-top height through near-surface micrometeorological measurements. <i>Atmospheric Research</i> , 2016, 170, 76-86.	4.1	17
10	Near-monochromatic ducted gravity waves associated with a convective system close to the Pyrenees. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1320-1332.	2.7	9
11	Atmospheric Boundary-Layer Evening Transitions: A Comparison Between Two Different Experimental Sites. <i>Boundary-Layer Meteorology</i> , 2015, 157, 375-399.	2.3	16
12	Convective and stratiform precipitation trends in the Spanish Mediterranean coast. <i>Atmospheric Research</i> , 2013, 119, 46-55.	4.1	35
13	Vertical structure of the stable boundary layer detected by RASS-SODAR and in-situ measurements in SABLES 2006 field campaign. <i>Acta Geophysica</i> , 2012, 60, 1261-1286.	2.0	10
14	Propagation and Effects of a Mesoscale Gravity Wave Over a Weakly-Stratified Nocturnal Boundary Layer During the SABLES2006 Field Campaign. <i>Boundary-Layer Meteorology</i> , 2009, 133, 165-188.	2.3	41
15	Influence of stability on the flux-profile relationships for wind speed, $\overline{w\theta}$, and temperature, $\overline{w\theta}$, for the stable atmospheric boundary layer. <i>Nonlinear Processes in Geophysics</i> , 2006, 13, 185-203.	1.3	67
16	Characteristics of turbulence in the lower atmosphere at Halley IV station, Antarctica. <i>Dynamics of Atmospheres and Oceans</i> , 2001, 34, 205-223.	1.8	34