

# Edson P Marques Filho

## List of Publications by Year in descending order

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17  
papers

236  
citations

1040056

9  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, diffuse and direct solar radiation at the surface in the city of Rio de Janeiro: Observational characterization and empirical modeling. <i>Renewable Energy</i> , 2016, 91, 64-74.	8.9	61
2	Sunset decay of the convective turbulence with Large-Eddy Simulation under realistic conditions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 4481-4490.	2.6	27
3	Atmospheric surface layer characteristics of turbulence above the Pantanal wetland regarding the similarity theory. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 883-892.	4.8	24
4	Turbulence regimes in the stable boundary layer above and within the Amazon forest. <i>Agricultural and Forest Meteorology</i> , 2017, 233, 122-132.	4.8	23
5	Formulation of a tropical town energy budget (t-TEB) scheme. <i>Theoretical and Applied Climatology</i> , 2010, 101, 109-120.	2.8	21
6	Richardson's Law in Large-Eddy Simulations of Boundary-Layer Flows. <i>Boundary-Layer Meteorology</i> , 2004, 113, 187-199.	2.3	19
7	A large eddy simulation model applied to analyze the turbulent flow above Amazon forest. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 147, 143-153.	3.9	12
8	Estimation of atmospheric turbidity and surface radiative parameters using broadband clear sky solar irradiance models in Rio de Janeiro-Brazil. <i>Theoretical and Applied Climatology</i> , 2016, 123, 593-617.	2.8	11
9	A Variable Mesh Spacing for Large-Eddy Simulation Models in the Convective Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2009, 131, 277-292.	2.3	9
10	Rawinsonde-Based Analysis of the Urban Boundary Layer in the Metropolitan Region of São Paulo, Brazil. <i>Earth and Space Science</i> , 2020, 7, e2019EA000781.	2.6	8
11	Balanço de radiação no Pantanal Sul Mato-grossense durante a estação seca. <i>Revista Brasileira De Meteorologia</i> , 2013, 28, 65-74.	0.5	7
12	Estimation of the Kolmogorov constant for the Lagrangian velocity spectrum and structure function under different PBL stability regimes generated by LES. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 4009-4017.	2.6	6
13	A Surface-Layer Study of the Transport and Dissipation of Turbulent Kinetic Energy and the Variances of Temperature, Humidity and CO <sub>2</sub> . <i>Boundary-Layer Meteorology</i> , 2017, 165, 211-231.	2.3	5
14	Solar Radiation Components on a Horizontal Surface in a Tropical Coastal City of Salvador. <i>Energies</i> , 2022, 15, 1058.	3.1	2
15	Land-Atmosphere Transfer Parameters in the Brazilian Pantanal during the Dry Season. <i>Atmosphere</i> , 2015, 6, 805-821.	2.3	1
16	Pollutant transport in a Convective Boundary Layer with LES. <i>Revista Brasileira De Geofisica</i> , 2006, 24, 547.	0.2	0
17	Validation of the Surface Energy Balance Retrieved From Remote Sensing Data For the Metropolitan Area Of Rio De Janeiro (MAR). , 2018, , .		0