Leonardo Deane De Abreu SÃ¡

List of Publications by Year
in descending order

37 papers	1,350 citations	394421 19 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	1768 citing authors

#	Article	IF	Citations
1	Eddy correlation measurements of energy partition for Amazonian forest. Quarterly Journal of the Royal Meteorological Society, 1984, 110, 1143-1162.	2.7	255
2	Cloud and rain processes in a biosphere-atmosphere interaction context in the Amazon Region. Journal of Geophysical Research, 2002, 107, LBA 39-1.	3.3	222
3	The Amazon Tall Tower Observatory (ATTO): overview of pilot measurements on ecosystem ecology, meteorology, trace gases, and aerosols. Atmospheric Chemistry and Physics, 2015, 15, 10723-10776.	4.9	218
4	Observations of radiation exchange above and below Amazonian forest. Quarterly Journal of the Royal Meteorological Society, 1984, 110, 1163-1169.	2.7	99
5	Daytime turbulent exchange between the Amazon forest and the atmosphere. Journal of Geophysical Research, 1990, 95, 16825-16838.	3.3	53
6	Scale variability of atmospheric surface layer fluxes of energy and carbon over a tropical rain forest in southwest Amazonia 1. Diurnal conditions. Journal of Geophysical Research, 2002, 107, LBA 29-1.	3.3	45
7	Variability of Carbon and Water Fluxes Following Climate Extremes over a Tropical Forest in Southwestern Amazonia. PLoS ONE, 2014, 9, e88130.	2.5	39
8	Non-extensive statistics and three-dimensional fully developed turbulence. Physica A: Statistical Mechanics and Its Applications, 2001, 295, 250-253.	2.6	28
9	Analysis of fine-scale canopy turbulence within and above an Amazon forest using Tsallisâ€™ generalized thermostatistics. Journal of Geophysical Research, 2002, 107, LBA 30-1.	3.3	27
10	Horizontal and Vertical Turbulent Fluxes Forced by a Gravity Wave Event in the Nocturnal Atmospheric Surface Layer Over the Amazon Forest. Boundary-Layer Meteorology, 2011, 138, 413-431.	2.3	27
11	Searching chaos and coherent structures in the atmospheric turbulence above the Amazon forest. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2008, 366, 579-589.	3.4	25
12	Energy flux partitioning over the Amazon forest. Theoretical and Applied Climatology, 1988, 39, 1-16.	2.8	24
13	Atmospheric surface layer characteristics of turbulence above the Pantanal wetland regarding the similarity theory. Agricultural and Forest Meteorology, 2008, 148, 883-892.	4.8	24
14	Interannual variations of rainfall and corn yields in Northeast Brazil. Agricultural and Forest Meteorology, 1997, 85, 63-74.	4.8	23
15	Turbulence regimes in the stable boundary layer above and within the Amazon forest. Agricultural and Forest Meteorology, 2017, 233, 122-132.	4.8	23
16	Micrometeorological measurements in Amazon forest during GTE/ABLE 2A mission. Journal of Geophysical Research, 1990, 95, 13669-13682.	3.3	20
17	Multiscale analysis from turbulent time series with wavelet transform. Physica A: Statistical Mechanics and Its Applications, 2001, 295, 215-218.	2.6	20
18	The impact of data gaps and quality control filtering on the balances of energy and carbon for a Southwest Amazon forest. Agricultural and Forest Meteorology, 2010, 150, 1543-1552.	4.8	20

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19	Nonextensive thermostatistics description of intermittency in turbulence and financial markets. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 3521-3530.	1.1	19
20	Atmospheric turbulence within and above an Amazon forest. Physica D: Nonlinear Phenomena, 2004, 193, 278-291.	2.8	19
21	Scalar turbulent behavior in the roughness sublayer of an Amazonian forest. Atmospheric Chemistry and Physics, 2016, 16, 11349-11366.	4.9	19
22	Cloud streets and landâ€“water interactions in the Amazon. Biogeochemistry, 2011, 105, 201-211.	3.5	18
23	Gradient pattern analysis of short nonstationary time series: an application to Lagrangian data from satellite tracked drifters. Physica D: Nonlinear Phenomena, 2002, 168-169, 397-403.	2.8	13
24	Use of the Inertial Dissipation Method for Calculating Turbulent Fluxes from Low-Level Airborne Measurements. Journal of Atmospheric and Oceanic Technology, 1991, 8, 78-84.	1.3	12
25	Ozone transport and thermodynamics during the passage of squall line in Central Amazon. Atmospheric Environment, 2019, 206, 132-143.	4.1	12
26	Scale dependence of coherent structures' contribution to the daytime buoyancy heat flux over the Pantanal wetland, Brazil. Atmospheric Science Letters, 2011, 12, 200-206.	1.9	10
27	Variabilidade quantitativa de populaÃ§Ã£o microbiana associada Ãs condiÃ§Ãµes microclimÃ¡ticas observadas em solo de floresta tropical Ãºmida. Revista Brasileira De Meteorologia, 2011, 26, 629-638.	0.5	10
28	An empiricalâ€analytical model of the vertical wind speed profile above and within an Amazon forest site. Meteorological Applications, 2016, 23, 158-164.	2.1	8
29	Estimating Buoyancy Heat Flux Using the Surface Renewal Technique over Four Amazonian Forest Sites in Brazil. Boundary-Layer Meteorology, 2013, 149, 179-196.	2.3	7
30	LBAâ€“ESECAFLOR Artificially Induced Drought in CaxiuanÃ£ Reserve, Eastern Amazonia: Soil Properties and Litter Spider Fauna. Earth Interactions, 2007, 11, 1-13.	1.5	5
31	Generalized thermostatistics description of probability densities of turbulent temperature fluctuations. Computer Physics Communications, 2002, 147, 556-558.	7.5	2
32	Contribution of coherent structures to the buoyancy heat flux under different conditions of stationarity over Amazonian forest sites. Atmospheric Science Letters, 2015, 16, 228-233.	1.9	1
33	Land-Atmosphere Transfer Parameters in the Brazilian Pantanal during the Dry Season. Atmosphere, 2015, 6, 805-821.	2.3	1
34	Implication of Maddenâ€“Julian Oscillation phase on the Eastern Amazon climate. Atmospheric Science Letters, 2015, 16, 318-323.	1.9	1
35	Picos na velocidade do vento e sua relaÃ§Ã£o com aumentos em fluxos de escalares na atmosfera tropical noturna: Estudo de caso. CiÃªncia E Natura, 0, 42, e12.	0.0	1
36	Variabilidade em Escala do Dossel da Floresta AmazÃ´nica: resultados para a Reserva Rebio JarÃº-RondÃ´nia. TeMa, 2013, 14, 415.	0.1	0

#	Article	IF	Citations
37	Usando a altura do ponto de inflexÃ£o no perfil do vento para a obtenÃ§Ã£o de perfis adimensionais acima da floresta amazÃ´nica. CiÃªncia E Natura, 0, 42, e24.	0.0	0