

Theotonio M Pauliquevis

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,859
citations

331670

21
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

3643
citing authors

#	ARTICLE	IF	CITATIONS
1	Rainforest Aerosols as Biogenic Nuclei of Clouds and Precipitation in the Amazon. <i>Science</i> , 2010, 329, 1513-1516.	12.6	541
2	Sources and properties of Amazonian aerosol particles. <i>Reviews of Geophysics</i> , 2010, 48, .	23.0	283
3	Physical and chemical properties of aerosols in the wet and dry seasons in Rondônia, Amazonia. <i>Journal of Geophysical Research</i> , 2002, 107, LBA 49-1.	3.3	250
4	An overview of the first decade of Polly<sup>NET</sup>: an emerging network of automated Raman-polarization lidars for continuous aerosol profiling. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 5111-5137.	4.9	212
5	Mass spectral characterization of submicron biogenic organic particles in the Amazon Basin. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	171
6	An overview of the Amazonian Aerosol Characterization Experiment 2008 (AMAZE-08). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11415-11438.	4.9	170
7	Dust and smoke transport from Africa to South America: Lidar profiling over Cape Verde and the Amazon rainforest. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	146
8	Overview of the inorganic and organic composition of size-segregated aerosol in Rondônia, Brazil, from the biomass-burning period to the onset of the wet season. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	128
9	The Green Ocean Amazon Experiment (GoAmazon2014/5) Observes Pollution Affecting Gases, Aerosols, Clouds, and Rainfall over the Rain Forest. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 981-997.	3.3	128
10	Assessing the impact of PM2.5 on respiratory disease using artificial neural networks. <i>Environmental Pollution</i> , 2018, 235, 394-403.	7.5	101
11	Aerosol profiling with lidar in the Amazon Basin during the wet and dry season. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	95
12	Submicron particle mass concentrations and sources in the Amazonian wet season (AMAZE-08). <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3687-3701.	4.9	88
13	Further evidence for significant smoke transport from Africa to Amazonia. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	67
14	Química atmosférica na Amazônia: a floresta e as emissões de queimadas controlando a composição da atmosfera amazônica. <i>Acta Amazonica</i> , 2005, 35, 185-196.	0.7	61
15	Polycyclic Aromatic Hydrocarbons (PAHs) and nitrated analogs associated to particulate matter emission from a Euro V-SCR engine fuelled with diesel/biodiesel blends. <i>Science of the Total Environment</i> , 2018, 644, 675-682.	8.0	55
16	Soluble iron nutrients in Saharan dust over the central Amazon rainforest. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2673-2687.	4.9	51
17	The Amazon Dense GNSS Meteorological Network: A New Approach for Examining Water Vapor and Deep Convection Interactions in the Tropics. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 2151-2165.	3.3	44
18	Aerosol and precipitation chemistry measurements in a remote site in Central Amazonia: the role of biogenic contribution. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 4987-5015.	4.9	37

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19	Optical and geometrical properties of cirrus clouds in Amazonia derived from 1 year of ground-based lidar measurements. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3619-3636.	4.9	31
20	Impact of the Manaus urban plume on trace gas mixing ratios near the surface in the Amazon Basin: Implications for the NO_2/NO_3 photostationary state and peroxy radical levels. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	29
21	Biomass burning in Amazonia: Emissions, long-range transport of smoke and its regional and remote impacts. <i>Geophysical Monograph Series</i> , 2009, , 207-232.	0.1	27
22	Environmental and public health effects of vehicle emissions in a large metropolis: Case study of a truck driver strike in Sao Paulo, Brazil. <i>Atmospheric Pollution Research</i> , 2020, 11, 24-31.	3.8	26
23	A permanent Raman lidar station in the Amazon: description, characterization, and first results. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1745-1762.	3.1	23
24	Influence on the oxidative potential of a heavy-duty engine particle emission due to selective catalytic reduction system and biodiesel blend. <i>Science of the Total Environment</i> , 2016, 560-561, 179-185.	8.0	19
25	Aerosol particles in Amazonia: Their composition, role in the radiation balance, cloud formation, and nutrient cycles. <i>Geophysical Monograph Series</i> , 2009, , 233-250.	0.1	18
26	The influence that different urban development models has on PM2.5 elemental and bioaccessible profiles. <i>Scientific Reports</i> , 2019, 9, 14846.	3.3	15
27	Influence of seasonality on the aerosol microbiome of the Amazon rainforest. <i>Science of the Total Environment</i> , 2021, 760, 144092.	8.0	13
28	Dry and Wet Climate Periods over Eastern South America: Identification and Characterization through the SPEI Index. <i>Atmosphere</i> , 2021, 12, 155.	2.3	10
29	Covariances between gamma-ray energies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 460, 289-296.	1.6	4
30	Corrigendum to "An overview of the Amazonian Aerosol Characterization Experiment 2008 (AMAZE-08)" published in <i>Atmos. Chem. Phys.</i> , 10, 11415-11438, 2010. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11565-11565.		4
31	The new WHO air quality guidelines for PM2.5: predicament for small/medium cities. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1841-1860.	3.4	4
32	Aerossóis, nuvens e clima: resultados do experimento LBA para o estudo de aerossóis e microfísica de nuvens. <i>Revista Brasileira De Meteorologia</i> , 2009, 24, 234-253.	0.5	3
33	WRF Sensitivity for Seasonal Climate Simulations of Precipitation Fields on the CORDEX South America Domain. <i>Atmosphere</i> , 2022, 13, 107.	2.3	3
34	Aerosol optical depth retrievals in central Amazonia from a multi-filter rotating shadow-band radiometer calibrated on-site. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 921-934.	3.1	1
35	Analysis of Dry and Wet Episodes in Eastern South America during 1980-2018 Using SPEI. , 0, , .		1
36	Índices termodinâmicos durante a campanha GOAmazon2014/5 e comparações com dados da reanálise ERA-Interim. <i>Ciência E Natura</i> , 0, 42, e19.	0.0	0