

Jorge Saturno

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,189
citations

471371

17
h-index

752573

20
g-index

45
all docs

45
docs citations

45
times ranked

2153
citing authors

#	ARTICLE	IF	CITATIONS
1	The Amazon Tall Tower Observatory (ATTO): overview of pilot measurements on ecosystem ecology, meteorology, trace gases, and aerosols. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10723-10776.	1.9	218
2	Amazon boundary layer aerosol concentration sustained by vertical transport during rainfall. <i>Nature</i> , 2016, 539, 416-419.	13.7	112
3	Long-term observations of cloud condensation nuclei in the Amazon rain forest " Part 1: Aerosol size distribution, hygroscopicity, and new model parametrizations for CCN prediction. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15709-15740.	1.9	105
4	Spread of SARS-CoV-2 through Latin America and the Caribbean region: A look from its economic conditions, climate and air pollution indicators. <i>Environmental Research</i> , 2020, 191, 109938.	3.7	92
5	Strong impact of wildfires on the abundance and aging of black carbon in the lowermost stratosphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11595-E11603.	3.3	89
6	Long-term observations of cloud condensation nuclei over the Amazon rain forest " Part 2: Variability and characteristics of biomass burning, long-range transport, and pristine rain forest aerosols. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10289-10331.	1.9	64
7	Electroanalytical detection of Pb, Cd and traces of Cr at micro/nano-structured bismuth film electrodes. <i>Sensors and Actuators B: Chemical</i> , 2011, 159, 92-96.	4.0	58
8	Black and brown carbon over central Amazonia: long-term aerosol measurements at the ATTO site. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12817-12843.	1.9	54
9	Long-term study on coarse mode aerosols in the Amazon rain forest with the frequent intrusion of Saharan dust plumes. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10055-10088.	1.9	52
10	Soluble iron nutrients in Saharan dust over the central Amazon rainforest. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2673-2687.	1.9	51
11	Comparison of different Aethalometer correction schemes and a reference multi-wavelength absorption technique for ambient aerosol data. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2837-2850.	1.2	44
12	Modeling investigation of light-absorbing aerosols in the Amazon Basin during the wet season. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14775-14794.	1.9	42
13	Land cover and its transformation in the backward trajectory footprint region of the Amazon Tall Tower Observatory. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8425-8470.	1.9	41
14	Influx of African biomass burning aerosol during the Amazonian dry season through layered transatlantic transport of black carbon-rich smoke. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4757-4785.	1.9	40
15	Efflorescence upon humidification? X-ray microspectroscopic in situ observation of changes in aerosol microstructure and phase state upon hydration. <i>Geophysical Research Letters</i> , 2014, 41, 3681-3689.	1.5	24
16	Long-term deposition and condensation ice-nucleating particle measurements from four stations across the globe. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15983-16006.	1.9	24
17	Optical properties of coated black carbon aggregates: numerical simulations, radiative forcing estimates, and size-resolved parameterization scheme. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 12989-13010.	1.9	19
18	African volcanic emissions influencing atmospheric aerosols over the Amazon rain forest. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10391-10405.	1.9	16

#	ARTICLE	IF	CITATIONS
19	Occurrence and growth of sub-50-nm aerosol particles in the Amazonian boundary layer. Atmospheric Chemistry and Physics, 2022, 22, 3469-3492.	1.9	16
20	MesSBAR—Multicopter and Instrumentation for Air Quality Research. Atmosphere, 2022, 13, 629.	1.0	5