

Eliane G Alves

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

903
citations

471509

17
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban pollution greatly enhances formation of natural aerosols over the Amazon rainforest. <i>Nature Communications</i> , 2019, 10, 1046.	12.8	131
2	Increasing Isoprene Epoxydiol-to-Inorganic Sulfate Aerosol Ratio Results in Extensive Conversion of Inorganic Sulfate to Organosulfur Forms: Implications for Aerosol Physicochemical Properties. <i>Environmental Science & Technology</i> , 2019, 53, 8682-8694.	10.0	111
3	Diel and seasonal changes of biogenic volatile organic compounds within and above an Amazonian rainforest. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3359-3378.	4.9	83
4	Emissions of putative isoprene oxidation products from mango branches under abiotic stress. <i>Journal of Experimental Botany</i> , 2013, 64, 3669-3679.	4.8	72
5	Airborne observations reveal elevational gradient in tropical forest isoprene emissions. <i>Nature Communications</i> , 2017, 8, 15541.	12.8	53
6	Seasonality of isoprenoid emissions from a primary rainforest in Central Amazonia. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3903-3925.	4.9	52
7	Soluble iron nutrients in Saharan dust over the central Amazon rainforest. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2673-2687.	4.9	51
8	Monoterpene chemical speciation in a tropical rainforest: variation with season, height, and time of day at the Amazon Tall Tower Observatory (ATTO). <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3403-3418.	4.9	50
9	Dynamic Balancing of Isoprene Carbon Sources Reflects Photosynthetic and Photorespiratory Responses to Temperature Stress. <i>Plant Physiology</i> , 2014, 166, 2051-2064.	4.8	41
10	A sampler for atmospheric volatile organic compounds by copter unmanned aerial vehicles. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3123-3135.	3.1	40
11	Amazonian biogenic volatile organic compounds under global change. <i>Global Change Biology</i> , 2020, 26, 4722-4751.	9.5	38
12	Ecosystem-scale compensation points of formic and acetic acid in the central Amazon. <i>Biogeosciences</i> , 2011, 8, 3709-3720.	3.3	36
13	Effects of light and temperature on isoprene emission at different leaf developmental stages of <i>eschweilera coriacea</i> in central Amazon. <i>Acta Amazonica</i> , 2014, 44, 9-18.	0.7	36
14	Tropical and Boreal Forest " Atmosphere Interactions: A Review. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 74, 24.	1.6	27
15	Leaf phenology as one important driver of seasonal changes in isoprene emissions in central Amazonia. <i>Biogeosciences</i> , 2018, 15, 4019-4032.	3.3	22
16	PTR-TOF-MS eddy covariance measurements of isoprene and monoterpene fluxes from an eastern Amazonian rainforest. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7179-7191.	4.9	21
17	Air turbulence characteristics at multiple sites in and above the Amazon rainforest canopy. <i>Agricultural and Forest Meteorology</i> , 2018, 260-261, 41-54.	4.8	20
18	Photosynthetic traits and water use of tree species growing on abandoned pasture in different periods of precipitation in Amazonia. <i>Photosynthetica</i> , 2011, 49, 246-252.	1.7	10

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19	A New Field Instrument for Leaf Volatiles Reveals an Unexpected Vertical Profile of Isoprenoid Emission Capacities in a Tropical Forest. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	5
20	Seasonal shifts in isoprenoid emission composition from three hyperdominant tree species in central Amazonia. <i>Plant Biology</i> , 2022, 24, 721-733.	3.8	2