Eliane G Alves

List of Publications by Year
in descending order

20	903	471509 17	752698 20
papers	citations	h-index	g-index

31	31	31	1737
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tropical and Boreal Forest â€“ Atmosphere Interactions: A Review. Tellus, Series B: Chemical and Physical Meteorology, 2022, 74, 24.	1.6	27
2	Seasonal shifts in isoprenoid emission composition from three hyperdominant tree species in central Amazonia. Plant Biology, 2022, 24, 721-733.	3.8	2
3	A New Field Instrument for Leaf Volatiles Reveals an Unexpected Vertical Profile of Isoprenoid Emission Capacities in a Tropical Forest. Frontiers in Forests and Global Change, 2021, 4, .	2.3	5
4	PTR-TOF-MS eddy covariance measurements of isoprene and monoterpene fluxes from an eastern Amazonian rainforest. Atmospheric Chemistry and Physics, 2020, 20, 7179-7191.	4.9	21
5	Amazonian biogenic volatile organic compounds under global change. Global Change Biology, 2020, 26, 4722-4751.	9.5	38
6	A sampler for atmospheric volatile organic compounds by copter unmanned aerial vehicles. Atmospheric Measurement Techniques, 2019, 12, 3123-3135.	3.1	40
7	Increasing Isoprene Epoxydiol-to-Inorganic Sulfate Aerosol Ratio Results in Extensive Conversion of Inorganic Sulfate to Organosulfur Forms: Implications for Aerosol Physicochemical Properties. Environmental Science & Technology, 2019, 53, 8682-8694.	10.0	111
8	Urban pollution greatly enhances formation of natural aerosols over the Amazon rainforest. Nature Communications, 2019, 10, 1046.	12.8	131
9	Monoterpene chemical speciation in a tropical rainforest:variation with season, height, and time of dayat the Amazon Tall Tower Observatory (ATTO). Atmospheric Chemistry and Physics, 2018, 18, 3403-3418.	4.9	50
10	Leaf phenology as one important driver of seasonal changes in isoprene emissions in central Amazonia. Biogeosciences, 2018, 15, 4019-4032.	3.3	22
11	Air turbulence characteristics at multiple sites in and above the Amazon rainforest canopy. Agricultural and Forest Meteorology, 2018, 260-261, 41-54.	4.8	20
12	Airborne observations reveal elevational gradient in tropical forest isoprene emissions. Nature Communications, 2017, 8, 15541.	12.8	53
13	Soluble iron nutrients in Saharan dust over the central Amazon rainforest. Atmospheric Chemistry and Physics, 2017, 17, 2673-2687.	4.9	51
14	Seasonality of isoprenoid emissions from a primary rainforest inÂcentral Amazonia. Atmospheric Chemistry and Physics, 2016, 16, 3903-3925.	4.9	52
15	Diel and seasonal changes of biogenic volatile organic compounds within and above an Amazonian rainforest. Atmospheric Chemistry and Physics, 2015, 15, 3359-3378.	4.9	83
16	Effects of light and temperature on isoprene emission at different leaf developmental stages of eschweilera coriacea in central Amazon. Acta Amazonica, 2014, 44, 9-18.	0.7	36
17	Dynamic Balancing of Isoprene Carbon Sources Reflects Photosynthetic and Photorespiratory Responses to Temperature Stress. Plant Physiology, 2014, 166, 2051-2064.	4.8	41
18	Emissions of putative isoprene oxidation products from mango branches under abiotic stress. Journal of Experimental Botany, 2013, 64, 3669-3679.	4.8	72

#	Article	IF	Citations
19	Ecosystem-scale compensation points of formic and acetic acid in the central Amazon. Biogeosciences, 2011, 8, 3709-3720.	3.3	36
20	Photosynthetic traits and water use of tree species growing on abandoned pasture in different periods of precipitation in Amazonia. Photosynthetica, 2011, 49, 246-252.	1.7	10