

Chris Geron

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

5,758
citations

25
h-index

32
g-index

32
ext. papers

6,228
ext. citations

6.1
avg. IF

4.61
L-index

#	Paper	IF	Citations
31	Isoprene Emission Response to Drought and the Impact on Global Atmospheric Chemistry. <i>Atmospheric Environment</i> , 2018 , 183, 69-83	5.3	33
30	Airborne measurements of isoprene and monoterpene emissions from southeastern U.S. forests. <i>Science of the Total Environment</i> , 2017 , 595, 149-158	10.2	11
29	Chromatography related performance of the Monitor for AeRosols and GAses in ambient air (MARGA): laboratory and field-based evaluation. <i>Atmospheric Measurement Techniques</i> , 2017 , 10, 3893-3908	4.08	12
28	Large drought-induced variations in oak leaf volatile organic compound emissions during PINOT NOIR 2012. <i>Chemosphere</i> , 2016 , 146, 8-21	8.4	10
27	Ecosystem-scale volatile organic compound fluxes during an extreme drought in a broadleaf temperate forest of the Missouri Ozarks (central USA). <i>Global Change Biology</i> , 2015 , 21, 3657-74	11.4	59
26	Observed and modeled ecosystem isoprene fluxes from an oak-dominated temperate forest and the influence of drought stress. <i>Atmospheric Environment</i> , 2014 , 84, 314-322	5.3	47
25	Air emissions from organic soil burning on the coastal plain of North Carolina. <i>Atmospheric Environment</i> , 2013 , 64, 192-199	5.3	25
24	Differences in the OC/EC Ratios that Characterize Ambient and Source Aerosols due to Thermal-Optical Analysis. <i>Aerosol Science and Technology</i> , 2012 , 46, 127-137	3.4	65
23	Carbonaceous aerosol characteristics over a Pinus taeda plantation: Results from the CELTIC experiment. <i>Atmospheric Environment</i> , 2011 , 45, 794-801	5.3	8
22	Nitrous oxide emissions from the gulf of Mexico hypoxic zone. <i>Environmental Science & Technology</i> , 2010 , 44, 1617-23	10.3	20
21	Carbonaceous aerosol over a Pinus taeda forest in Central North Carolina, USA. <i>Atmospheric Environment</i> , 2009 , 43, 959-969	5.3	24
20	Biogenic volatile organic compound emissions from desert vegetation of the southwestern US. <i>Atmospheric Environment</i> , 2006 , 40, 1645-1660	5.3	60
19	Estimating emissions from fires in North America for air quality modeling. <i>Atmospheric Environment</i> , 2006 , 40, 3419-3432	5.3	301
18	Sesquiterpene emissions from loblolly pine and their potential contribution to biogenic aerosol formation in the Southeastern US. <i>Atmospheric Environment</i> , 2006 , 40, 4150-4157	5.3	111
17	N ₂ O emissions from streams in the Neuse river watershed, North Carolina. <i>Environmental Science & Technology</i> , 2005 , 39, 6999-7004	10.3	50
16	Ozarks Isoprene Experiment (OZIE): Measurements and modeling of the isoprene volcano. <i>Journal of Geophysical Research</i> , 2005 , 110,		51
15	Wet and dry season ecosystem level fluxes of isoprene and monoterpenes from a southeast Asian secondary forest and rubber tree plantation. <i>Atmospheric Environment</i> , 2005 , 39, 381-390	5.3	47

14	Exchange processes of volatile organic compounds above a tropical rain forest: Implications for modeling tropospheric chemistry above dense vegetation. <i>Journal of Geophysical Research</i> , 2004 , 109,		193
13	Global Organic Emissions from Vegetation. <i>Advances in Global Change Research</i> , 2004 , 115-170	1.2	49
12	Biogenic volatile organic compound emissions from a lowland tropical wet forest in Costa Rica. <i>Atmospheric Environment</i> , 2002 , 36, 3793-3802	5.3	85
11	Isoprene emission capacity for US tree species. <i>Atmospheric Environment</i> , 2001 , 35, 3341-3352	5.3	87
10	A review and synthesis of monoterpene speciation from forests in the United States. <i>Atmospheric Environment</i> , 2000 , 34, 1761-1781	5.3	217
9	Natural emissions of non-methane volatile organic compounds, carbon monoxide, and oxides of nitrogen from North America. <i>Atmospheric Environment</i> , 2000 , 34, 2205-2230	5.3	524
8	Temporal variability in basal isoprene emission factor. <i>Tree Physiology</i> , 2000 , 20, 799-805	4.2	110
7	Biogenic volatile organic compound emissions (BVOCs). II. Landscape flux potentials from three continental sites in the U.S. <i>Chemosphere</i> , 1999 , 38, 2189-204	8.4	58
6	Biogenic volatile organic compound emissions (BVOCs). I. Identifications from three continental sites in the U.S. <i>Chemosphere</i> , 1999 , 38, 2163-87	8.4	122
5	Volatile organic compounds and isoprene oxidation products at a temperate deciduous forest site. <i>Journal of Geophysical Research</i> , 1998 , 103, 22397-22414		60
4	UNITED STATES LAND USE INVENTORY FOR ESTIMATING BIOGENIC OZONE PRECURSOR EMISSIONS 1997 , 7, 46-58		55
3	Estimates of regional natural volatile organic compound fluxes from enclosure and ambient measurements. <i>Journal of Geophysical Research</i> , 1996 , 101, 1345-1359		116
2	Isoprene fluxes measured by enclosure, relaxed eddy accumulation, surface layer gradient, mixed layer gradient, and mixed layer mass balance techniques. <i>Journal of Geophysical Research</i> , 1996 , 101, 18555-18567		126
1	A global model of natural volatile organic compound emissions. <i>Journal of Geophysical Research</i> , 1995 , 100, 8873		3022