

Amy Leithead

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

891
citations

567281

15
h-index

794594

19
g-index

32
all docs

32
docs citations

32
times ranked

1518
citing authors

#	ARTICLE	IF	CITATIONS
1	Oil sands operations as a large source of secondary organic aerosols. <i>Nature</i> , 2016, 534, 91-94.	27.8	136
2	Secondary formation of nitrated phenols: insights from observations during the Uintah Basin Winter Ozone Study (UBWOS) 2014. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2139-2153.	4.9	85
3	Characterizations of cis-pinonic acid and n-fatty acids on fine aerosols in the Lower Fraser Valley during Pacific 2001 Air Quality Study. <i>Atmospheric Environment</i> , 2004, 38, 5789-5800.	4.1	83
4	Differences between measured and reported volatile organic compound emissions from oil sands facilities in Alberta, Canada. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3756-E3765.	7.1	75
5	Formation of gas-phase carbonyls from heterogeneous oxidation of polyunsaturated fatty acids at the air-water interface and of the sea surface microlayer. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1371-1384.	4.9	62
6	Levogluconan and dehydroabiestic acid: Evidence of biomass burning impact on aerosols in the Lower Fraser Valley. <i>Atmospheric Environment</i> , 2006, 40, 2721-2734.	4.1	60
7	Quantification of methane sources in the Athabasca Oil Sands Region of Alberta by aircraft mass balance. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7361-7378.	4.9	59
8	Seasonal variation in the biogenic secondary organic aerosol tracer cis-pinonic acid: Enhancement due to emissions from regional and local biomass burning. <i>Atmospheric Environment</i> , 2011, 45, 7105-7112.	4.1	56
9	Chemical Characteristics and Origins of Nitrogen-Containing Organic Compounds in PM _{2.5} Aerosols in the Lower Fraser Valley. <i>Environmental Science & Technology</i> , 2006, 40, 5846-5852.	10.0	51
10	Emissions of hydrogen cyanide from on-road gasoline and diesel vehicles. <i>Atmospheric Environment</i> , 2016, 131, 185-195.	4.1	47
11	Tropospheric Emission Spectrometer (TES) satellite observations of ammonia, methanol, formic acid, and carbon monoxide over the Canadian oil sands: validation and model evaluation. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 5189-5211.	3.1	37
12	Understanding the primary emissions and secondary formation of gaseous organic acids in the oil sands region of Alberta, Canada. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8411-8427.	4.9	33
13	Spatial and diurnal distributions of n-alkanes and n-alkan-2-ones on PM _{2.5} aerosols in the Lower Fraser Valley, Canada. <i>Atmospheric Environment</i> , 2006, 40, 2706-2720.	4.1	25
14	Investigation of carbonyls in cloudwater during ICARTT. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	20
15	Atmospheric evolution of emissions from a boreal forest fire: the formation of highly functionalized oxygen-, nitrogen-, and sulfur-containing organic compounds. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 255-267.	4.9	20
16	Improving air quality model predictions of organic species using measurement-derived organic gaseous and particle emissions in a petrochemical-dominated region. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13531-13545.	4.9	14
17	Quantifying the Primary Emissions and Photochemical Formation of Isocyanic Acid Downwind of Oil Sands Operations. <i>Environmental Science & Technology</i> , 2017, 51, 14462-14471.	10.0	14
18	THE DETECTION OF POLYCYCLIC AROMATIC COMPOUNDS IN AIR SAMPLES BY GC-TOFMS. <i>Polycyclic Aromatic Compounds</i> , 2008, 28, 545-561.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Evolution of Atmospheric Total Organic Carbon from Petrochemical Mixtures. Environmental Science & Technology, 2021, 55, 12841-12851.	10.0	3
20	Fugitive Emissions of Volatile Organic Compounds from a Tailings Pond in the Oil Sands Region of Alberta. Environmental Science & Technology, 2021, 55, 12831-12840.	10.0	2