

Lauren T Fleming

List of Publications by Citations

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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.

13
papers

294
citations

8
h-index

17
g-index

20
ext. papers

407
ext. citations

5.9
avg, IF

3.45
L-index

#	Paper	IF	Citations
13	Comprehensive Molecular Characterization of Atmospheric Brown Carbon by High Resolution Mass Spectrometry with Electrospray and Atmospheric Pressure Photoionization. <i>Analytical Chemistry</i> , 2018 , 90, 12493-12502	7.8	86
12	Molecular composition and photochemical lifetimes of brown carbon chromophores in biomass burning organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 1105-1129	6.8	64
11	Molecular composition of particulate matter emissions from dung and brushwood burning household cookstoves in Haryana, India. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 2461-2480	6.8	46
10	Formation of Light-Absorbing Organosulfates during Evaporation of Secondary Organic Material Extracts in the Presence of Sulfuric Acid. <i>ACS Earth and Space Chemistry</i> , 2019 , 3, 947-957	3.2	23
9	Emissions from village cookstoves in Haryana, India, and their potential impacts on air quality. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 15169-15182	6.8	23
8	Impacts of household sources on air pollution at village and regional scales in India. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 7719-7742	6.8	18
7	Secondary organic aerosol from atmospheric photooxidation of indole. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11605-11621	6.8	10
6	Molecular Characterization of Atmospheric Brown Carbon. <i>ACS Symposium Series</i> , 2018 , 261-274	0.4	9
5	Dust-Catalyzed Oxidative Polymerization of Catechol and Its Impacts on Ice Nucleation Efficiency and Optical Properties. <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 1127-1139	3.2	8
4	Molecular composition and photochemical lifetimes of brown carbon chromophores in biomass burning organic aerosol 2019 ,		2
3	Emissions Measurements from Household Solid Fuel Use in Haryana, India: Implications for Climate and Health Co-benefits. <i>Environmental Science & Technology</i> , 2021 , 55, 3201-3209	10.3	2
2	Impacts of Household Sources on Air Pollution at Village and Regional Scales in India 2018 ,		2
1	Effect of aromatic ring substituents on the ability of catechol to produce brown carbon in iron(III)-catalyzed reactions. <i>Environmental Science Atmospheres</i> , 2021 , 1, 64-78		1