

# Lauren T Fleming

## 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.

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