

# Laura Fierce

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6550235/publications.pdf>

Version: 2024-02-01

9  
papers

258  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Black carbon absorption at the global scale is affected by particle-scale diversity in composition. <i>Nature Communications</i> , 2016, 7, 12361.	12.8	97
2	Radiative absorption enhancements by black carbon controlled by particle-to-particle heterogeneity in composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5196-5203.	7.1	84
3	Toward Reduced Representation of Mixing State for Simulating Aerosol Effects on Climate. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 971-980.	3.3	39
4	When is cloud condensation nuclei activity sensitive to particle characteristics at emission?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 13,476.	3.3	15
5	Simulating near-field enhancement in transmission of airborne viruses with a quadrature-based model. <i>Indoor Air</i> , 2021, 31, 1843-1859.	4.3	10
6	Sensitivity of airborne transmission of enveloped viruses to seasonal variation in indoor relative humidity. <i>International Communications in Heat and Mass Transfer</i> , 2022, 130, 105747.	5.6	5
7	Multivariate quadrature for representing cloud condensation nuclei activity of aerosol populations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9867-9878.	3.3	4
8	Disentangling the Microphysical Effects of Fire Particles on Convective Clouds Through A Case Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031890.	3.3	2
9	High efficacy of layered controls for reducing exposure to airborne pathogens. <i>Indoor Air</i> , 2022, 32, e12989.	4.3	2