

# Hallie C Boyer

## List of Publications by Year in descending order

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8  
papers

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citations

1163117  
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docs citations

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488  
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#	ARTICLE	IF	CITATIONS
1	Increasing Isoprene Epoxydiol-to-Inorganic Sulfate Aerosol Ratio Results in Extensive Conversion of Inorganic Sulfate to Organosulfur Forms: Implications for Aerosol Physicochemical Properties. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8682-8694.	10.0	111
2	In Situ pH Measurements of Individual Levitated Microdroplets Using Aerosol Optical Tweezers. <i>Analytical Chemistry</i> , 2020, 92, 1089-1096.	6.5	37
3	Interfacial Tensions of Aged Organic Aerosol Particle Mimics Using a Biphasic Microfluidic Platform. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1251-1259.	10.0	33
4	Atmospheric Aqueous Aerosol Surface Tensions: Isotherm-Based Modeling and Biphasic Microfluidic Measurements. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4733-4742.	2.5	29
5	Statistical Thermodynamic Model for Surface Tension of Organic and Inorganic Aqueous Mixtures. <i>Journal of Physical Chemistry A</i> , 2017, 121, 198-205.	2.5	18
6	Surface Tensions of Picoliter Droplets with Sub-Millisecond Surface Age. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3021-3029.	2.5	18
7	Statistical Thermodynamic Model for Surface Tension of Aqueous Organic Acids with Consideration of Partial Dissociation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4368-4375.	2.5	17
8	Parameter Interpretation and Reduction for a Unified Statistical Mechanical Surface Tension Model. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3384-3389.	4.6	14