

# Hansol D Lee

## List of Publications by Year in descending order

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13  
papers

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citations

933447

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1125743

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docs citations

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times ranked

325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-Dependent Morphology, Composition, Phase State, and Water Uptake of Nascent Submicrometer Sea Spray Aerosols during a Phytoplankton Bloom. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 116-130.	2.7	12
2	Surface Tension Measurements of Aqueous Liquid–Air Interfaces Probed with Microscopic Indentation. <i>Langmuir</i> , 2021, 37, 2457-2465.	3.5	9
3	Atomic Force Microscopy: An Emerging Tool in Measuring the Phase State and Surface Tension of Individual Aerosol Particles. <i>Annual Review of Physical Chemistry</i> , 2021, 72, 235-252.	10.8	19
4	Probing the Water Uptake and Phase State of Individual Sucrose Nanoparticles Using Atomic Force Microscopy. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2612-2620.	2.7	6
5	Physicochemical Mixing State of Sea Spray Aerosols: Morphologies Exhibit Size Dependence. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1604-1611.	2.7	18
6	Organic Enrichment, Physical Phase State, and Surface Tension Depression of Nascent Core–Shell Sea Spray Aerosols during Two Phytoplankton Blooms. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 650-660.	2.7	29
7	Correlating 3D Morphology, Phase State, and Viscoelastic Properties of Individual Substrate-Deposited Particles. <i>Analytical Chemistry</i> , 2019, 91, 7621-7630.	6.5	33
8	Effect of dry or wet substrate deposition on the organic volume fraction of core–shell aerosol particles. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 2033-2042.	3.1	19
9	Saccharide Transfer to Sea Spray Aerosol Enhanced by Surface Activity, Calcium, and Protein Interactions. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 2539-2548.	2.7	27
10	Directly Probing the Phase States and Surface Tension of Individual Submicrometer Particles Using Atomic Force Microscopy. <i>ACS Symposium Series</i> , 2018, , 245-259.	0.5	4
11	Direct Surface Tension Measurements of Individual Sub-Micrometer Particles Using Atomic Force Microscopy. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8296-8305.	2.5	42
12	Solid, Semisolid, and Liquid Phase States of Individual Submicrometer Particles Directly Probed Using Atomic Force Microscopy. <i>Analytical Chemistry</i> , 2017, 89, 12720-12726.	6.5	38
13	Linking hygroscopicity and the surface microstructure of model inorganic salts, simple and complex carbohydrates, and authentic sea spray aerosol particles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21101-21111.	2.8	65