Hansol D Lee

List of Publications by Year
in descending order

13	321	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	325
all docs	docs citations	times ranked	citing authors

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