Christopher Lee

List of Publications by Year
in descending order

34 papers	2,592 citations	304743 22 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	2633 citing authors

#	Article	IF	Citations
1	The Sea Spray Chemistry and Particle Evolution study (SeaSCAPE): overview and experimental methods. Environmental Sciences: Processes and Impacts, 2022, 24, 290-315.	3.5	11
2	Factors controlling the transfer of biogenic organic species from seawater to sea spray aerosol. Scientific Reports, 2022, 12, 3580.	3.3	6
3	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
4	Tandem Fluorescence Measurements of Organic Matter and Bacteria Released in Sea Spray Aerosols. Environmental Science & Technology, 2021, 55, 5171-5179.	10.0	18
5	Cation-Driven Lipopolysaccharide Morphological Changes Impact Heterogeneous Reactions of Nitric Acid with Sea Spray Aerosol Particles. Journal of Physical Chemistry Letters, 2021, 12, 5023-5029.	4.6	6
6	Airborne transmission pathway for coastal water pollution. PeerJ, 2021, 9, e11358.	2.0	4
7	Acidity across the interface from the ocean surface to sea spray aerosol. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	73
8	Evolution of Sea Spray Aerosol Particle Phase State Across a Phytoplankton Bloom. ACS Earth and Space Chemistry, 2021, 5, 2995-3007.	2.7	10
9	Atmospheric Benzothiazoles in a Coastal Marine Environment. Environmental Science & Technology, 2021, 55, 15705-15714.	10.0	9
10	Physicochemical Mixing State of Sea Spray Aerosols: Morphologies Exhibit Size Dependence. ACS Earth and Space Chemistry, 2020, 4, 1604-1611.	2.7	18
11	Marine Bacteria Affect Saccharide Enrichment in Sea Spray Aerosol during a Phytoplankton Bloom. ACS Earth and Space Chemistry, 2020, 4, 1638-1649.	2.7	25
12	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
13	Detection of Active Microbial Enzymes in Nascent Sea Spray Aerosol: Implications for Atmospheric Chemistry and Climate. Environmental Science and Technology Letters, 2019, 6, 171-177.	8.7	28
14	Ice nucleation by particles containing long-chain fatty acids of relevance to freezing by sea spray aerosols. Environmental Sciences: Processes and Impacts, 2018, 20, 1559-1569.	3.5	37
15	Taxon-specific aerosolization of bacteria and viruses in an experimental ocean-atmosphere mesocosm. Nature Communications, 2018, 9, 2017.	12.8	103
16	Molecular Diversity of Sea Spray Aerosol Particles: Impact of Ocean Biology on Particle Composition and Hygroscopicity. CheM, 2017, 2, 655-667.	11.7	111
17	A Dynamic Link between Ice Nucleating Particles Released in Nascent Sea Spray Aerosol and Oceanic Biological Activity during Two Mesocosm Experiments. Journals of the Atmospheric Sciences, 2017, 74, 151-166.	1.7	93
18	Biological Impacts on Carbon Speciation and Morphology of Sea Spray Aerosol. ACS Earth and Space Chemistry, 2017, 1, 551-561.	2.7	36

#	Article	IF	Citations
19	Phytoplankton blooms weakly influence the cloud forming ability of sea spray aerosol. Geophysical Research Letters, 2016, 43, 9975-9983.	4.0	52
20	Enrichment of Saccharides and Divalent Cations in Sea Spray Aerosol During Two Phytoplankton Blooms. Environmental Science & Technology, 2016, 50, 11511-11520.	10.0	90
21	Heterogeneous Chemistry of Lipopolysaccharides with Gas-Phase Nitric Acid: Reactive Sites and Reaction Pathways. Journal of Physical Chemistry A, 2016, 120, 6444-6450.	2.5	22
22	Sea spray aerosol as a unique source of ice nucleating particles. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5797-5803.	7.1	323
23	Analysis of Organic Anionic Surfactants in Fine and Coarse Fractions of Freshly Emitted Sea Spray Aerosol. Environmental Science & Technology, 2016, 50, 2477-2486.	10.0	143
24	The Art of War: Beyond Memory-one Strategies in Population Games. PLoS ONE, 2015, 10, e0120625.	2.5	8
25	Advancing Model Systems for Fundamental Laboratory Studies of Sea Spray Aerosol Using the Microbial Loop. Journal of Physical Chemistry A, 2015, 119, 8860-8870.	2.5	62
26	Microbial Control of Sea Spray Aerosol Composition: A Tale of Two Blooms. ACS Central Science, 2015, 1, 124-131.	11.3	172
27	The Impact of Aerosol Particle Mixing State on the Hygroscopicity of Sea Spray Aerosol. ACS Central Science, 2015, 1, 132-141.	11.3	64
28	Chemical properties of insoluble precipitation residue particles. Journal of Aerosol Science, 2014, 76, 13-27.	3.8	31
29	Evaluating the properties of sea spray aerosols produced in the laboratory: Comparisons with controlled breaking waves. , 2013, , .		0
30	Empirical Information Metrics for Prediction Power and Experiment Planning. Information (Switzerland), 2011, 2, 17-40.	2.9	1
31	Bioinformatics analysis of alternative splicing. Briefings in Bioinformatics, 2005, 6, 23-33.	6.5	88
32	Analysis of alternative splicing with microarrays: successes and challenges. Genome Biology, 2004, 5, 231.	9.6	55
33	ASAP: the Alternative Splicing Annotation Project. Nucleic Acids Research, 2003, 31, 101-105.	14.5	142
34	Multiple sequence alignment using partial order graphs. Bioinformatics, 2002, 18, 452-464.	4.1	695