

Kristen N Collier

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

609
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1135
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Role of Sea Surface Microlayer Properties in Cloud Formation. <i>Frontiers in Marine Science</i> , 2021, 7, . | 2.5 | 13 |
| 2 | Editorial: Unraveling Mechanisms Underlying Annual Plankton Blooms in the North Atlantic and Their Implications for Biogenic Aerosol Properties and Cloud Formation. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 3 |
| 3 | Ocean Aerobiology. <i>Frontiers in Microbiology</i> , 2021, 12, 764178. | 3.5 | 14 |
| 4 | Ice Nucleation by Marine Aerosols Over the North Atlantic Ocean in Late Spring. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030913. | 3.3 | 30 |
| 5 | The North Atlantic Aerosol and Marine Ecosystem Study (NAAMES): Science Motive and Mission Overview. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 111 |
| 6 | Marine Aerosols and Clouds. <i>Annual Review of Marine Science</i> , 2018, 10, 289-313. | 11.6 | 82 |
| 7 | Protein and Carbohydrate Exopolymer Particles in the Sea Surface Microlayer (SML). <i>Frontiers in Marine Science</i> , 2016, 3, . | 2.5 | 26 |
| 8 | Role of Organic Hydrocarbons in Atmospheric Ice Formation via Contact Freezing. <i>Journal of Physical Chemistry A</i> , 2016, 120, 10169-10180. | 2.5 | 16 |
| 9 | Single Particle Measurements of the Optical Properties of Small Ice Crystals and Heterogeneous Ice Nuclei. <i>Aerosol Science and Technology</i> , 2014, 48, 1123-1132. | 3.1 | 8 |
| 10 | Analysis of nickel (II) in particulate matter by Raman microspectroscopy. <i>Journal of Aerosol Science</i> , 2014, 67, 207-214. | 3.8 | 9 |
| 11 | Effects of Chemical Aging on the Ice Nucleation Activity of Soot and Polycyclic Aromatic Hydrocarbon Aerosols. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10036-10047. | 2.5 | 43 |
| 12 | Using Raman Microspectroscopy to Determine Chemical Composition and Mixing State of Airborne Marine Aerosols over the Pacific Ocean. <i>Aerosol Science and Technology</i> , 2014, 48, 193-206. | 3.1 | 36 |
| 13 | Raman spectroscopy of glyoxal oligomers in aqueous solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 101, 40-48. | 3.9 | 37 |
| 14 | Using Surface Tension Measurements To Understand How Pollution Can Influence Cloud Formation, Fog, and Precipitation. <i>Journal of Chemical Education</i> , 2009, 86, 838. | 2.3 | 7 |
| 15 | Heterogeneous freezing of ice on atmospheric aerosols containing ash, soot, and soil. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 140 |
| 16 | Examinations of ice formation processes in Florida cumuli using ice nuclei measurements of anvil ice crystal particle residues. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 34 |