Michael S Diamond

List of Publications by Year
in descending order

11 papers	573 citations	949033 11 h-index	1427216 11 g-index
18 all docs	18 docs citations	18 times ranked	979 citing authors

#	Article	IF	Citations
1	To assess marine cloud brightening's technical feasibility, we need to know what to studyâ€”and when to stop. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
2	Opportunistic experiments to constrain aerosol effective radiative forcing. Atmospheric Chemistry and Physics, 2022, 22, 641-674.	1.9	44
3	An overview of the ORACLES (ObseRvations of Aerosols above CLouds and their intEractionS) project: aerosolâ€“cloudâ€“radiation interactions in the southeast Atlantic basin. Atmospheric Chemistry and Physics, 2021, 21, 1507-1563.	1.9	97
4	Spatiotemporal Heterogeneity of Aerosol and Cloud Properties Over the Southeast Atlantic: An Observational Analysis. Geophysical Research Letters, 2021, 48, e2020GL091469.	1.5	13
5	Exploring the elevated water vapor signal associated with the free tropospheric biomass burning plume over the southeast Atlantic Ocean. Atmospheric Chemistry and Physics, 2021, 21, 9643-9668.	1.9	17
6	Limited Regional Aerosol and Cloud Microphysical Changes Despite Unprecedented Decline in Nitrogen Oxide Pollution During the February 2020 COVIDâ€19 Shutdown in China. Geophysical Research Letters, 2020, 47, e2020GL088913.	1.5	42
7	Ultra-clean and smoky marine boundary layers frequently occur in the same season over the southeast Atlantic. Atmospheric Chemistry and Physics, 2020, 20, 2341-2351.	1.9	12
8	Substantial Cloud Brightening From Shipping in Subtropical Low Clouds. AGU Advances, 2020, 1, e2019AV000111.	2.3	56
9	Above-cloud aerosol optical depth from airborne observations in the southeast Atlantic. Atmospheric Chemistry and Physics, 2020, 20, 1565-1590.	1.9	23
10	Time-dependent entrainment of smoke presents an observational challenge for assessing aerosolâ€“cloud interactions over the southeast Atlantic Ocean. Atmospheric Chemistry and Physics, 2018, 18, 14623-14636.	1.9	50
11	Remote Sensing of Droplet Number Concentration in Warm Clouds: A Review of the Current State of Knowledge and Perspectives. Reviews of Geophysics, 2018, 56, 409-453.	9.0	185