Tom Goren

List of Publications by Year in descending order

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17 papers	748 citations	687363 13 h-index	888059 17 g-index
25 all docs	25 docs citations	25 times ranked	1189 citing authors

#	Article	IF	Citations
1	Aerosol-driven droplet concentrations dominate coverage and water of oceanic low-level clouds. Science, 2019, 363, .	12.6	185
2	Constraining the aerosol influence on cloud liquid water path. Atmospheric Chemistry and Physics, 2019, 19, 5331-5347.	4.9	104
3	Satellite retrieval of cloud condensation nuclei concentrations by using clouds as CCN chambers. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5828-5834.	7.1	91
4	Decomposing aerosol cloud radiative effects into cloud cover, liquid water path and Twomey components in marine stratocumulus. Atmospheric Research, 2014, 138, 378-393.	4.1	67
5	Ice crystal number concentration estimates from lidarâ€“radar satellite remote sensing â€“ Part 1: Method and evaluation. Atmospheric Chemistry and Physics, 2018, 18, 14327-14350.	4.9	61
6	Opportunistic experiments to constrain aerosol effective radiative forcing. Atmospheric Chemistry and Physics, 2022, 22, 641-674.	4.9	44
7	Combined satellite and radar retrievals of drop concentration and CCN at convective cloud base. Geophysical Research Letters, 2014, 41, 3259-3265.	4.0	36
8	Satellite Observations of Precipitating Marine Stratocumulus Show Greater Cloud Fraction for Decoupled Clouds in Comparison to Coupled Clouds. Geophysical Research Letters, 2018, 45, 5126-5134.	4.0	28
9	Satellite observations of ship emission induced transitions from broken to closed cell marine stratocumulus over large areas. Journal of Geophysical Research, 2012, 117, .	3.3	25
10	Extensive closed cell marine stratocumulus downwind of Europeâ€”A large aerosol cloud mediated radiative effect or forcing?. Journal of Geophysical Research D: Atmospheres, 2015, 120, 6098-6116.	3.3	25
11	Observing the timescales of aerosolâ€“cloud interactions in snapshot satellite images. Atmospheric Chemistry and Physics, 2021, 21, 6093-6109.	4.9	23
12	Anthropogenic Air Pollution Delays Marine Stratocumulus Breakup to Open Cells. Geophysical Research Letters, 2019, 46, 14135-14144.	4.0	20
13	Albedo susceptibility of northeastern Pacific stratocumulus: the role of covarying meteorological conditions. Atmospheric Chemistry and Physics, 2022, 22, 861-880.	4.9	17
14	Quantifying albedo susceptibility biases in shallow clouds. Atmospheric Chemistry and Physics, 2022, 22, 3303-3319.	4.9	11
15	An automated cirrus classification. Atmospheric Chemistry and Physics, 2018, 18, 6157-6169.	4.9	5
16	Correction to â€œSatellite observations of ship emission induced transitions from broken to closed cell marine stratocumulus over large areasâ€• Journal of Geophysical Research, 2012, 117, n/a-n/a.	3.3	4
17	Liquid Containing Clouds at the North Slope of Alaska Demonstrate Sensitivity to Local Industrial Aerosol Emissions. Geophysical Research Letters, 2021, 48, e2021GL094307.	4.0	2