

# Patrick Y Chuang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8277853/publications.pdf>

Version: 2024-02-01

12  
papers

372  
citations

933447

10  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

649  
citing authors

#	ARTICLE	IF	CITATIONS
1	EUREC4A. Earth System Science Data, 2021, 13, 4067-4119.	9.9	88
2	Aerosol-cloud relationships in continental shallow cumulus. Journal of Geophysical Research, 2008, 113, .	3.3	72
3	Aerosol and gas re-distribution by shallow cumulus clouds: An investigation using airborne measurements. Journal of Geophysical Research, 2012, 117, .	3.3	58
4	A multi-year data set on aerosol-cloud-precipitation-meteorology interactions for marine stratocumulus clouds. Scientific Data, 2018, 5, 180026.	5.3	29
5	Characteristic Vertical Profiles of Cloud Water Composition in Marine Stratocumulus Clouds and Relationships With Precipitation. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3704-3723.	3.3	27
6	Stratocumulus Cloud Clearings and Notable Thermodynamic and Aerosol Contrasts across the Clear-to-Cloudy Interface. Journals of the Atmospheric Sciences, 2016, 73, 1083-1099.	1.7	24
7	Aerosol characteristics in the entrainment interface layer in relation to the marine boundary layer and free troposphere. Atmospheric Chemistry and Physics, 2018, 18, 1495-1506.	4.9	16
8	Aerosols, clouds, and precipitation in the North Atlantic trades observed during the Barbados aerosol cloud experiment – Part 1: Distributions and variability. Atmospheric Chemistry and Physics, 2016, 16, 8643-8666.	4.9	15
9	MODIS Retrievals of Cloud Effective Radius in Marine Stratocumulus Exhibit No Significant Bias. Geophysical Research Letters, 2018, 45, 10,656.	4.0	15
10	Observations from the NOAA P-3 aircraft during ATOMIC. Earth System Science Data, 2021, 13, 3281-3296.	9.9	14
11	An instrument for direct measurement of emissions: cooling tower example. Atmospheric Measurement Techniques, 2022, 15, 2547-2556.	3.1	2
12	Recognition of Inter-Cloud Versus Intra-Cloud Controls on Droplet Dispersion With Applications to Microphysics Parameterization. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035180.	3.3	1