

# Yi-Chun Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1435995/publications.pdf>

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14  
papers

581  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

842  
citing authors

#	ARTICLE	IF	CITATIONS
1	Satellite-based estimate of global aerosol cloud radiative forcing by marine warm clouds. <i>Nature Geoscience</i> , 2014, 7, 643-646.	12.9	175
2	Occurrence of lower cloud albedo in ship tracks. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8223-8235.	4.9	103
3	Eastern Pacific Emitted Aerosol Cloud Experiment. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 709-729.	3.3	89
4	A comprehensive numerical study of aerosol-cloud-precipitation interactions in marine stratocumulus. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 9749-9769.	4.9	49
5	Satellite-Derived Correlation of SO <sub>2</sub> , NO <sub>2</sub> , and Aerosol Optical Depth with Meteorological Conditions over East Asia from 2005 to 2015. <i>Remote Sensing</i> , 2019, 11, 1738.	4.0	40
6	Precipitation effects of giant cloud condensation nuclei artificially introduced into stratocumulus clouds. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5645-5658.	4.9	33
7	Aerosol indirect effect dictated by liquid clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 14,636.	3.3	32
8	Aerosol cloud interactions in ship tracks using Terra MODIS/MISR. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2819-2833.	3.3	25
9	The impacts of precipitating hydrometeors radiative effects on land surface temperature in contemporary GCMs using satellite observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 67-79.	3.3	16
10	Evaluation of sea salt aerosols in climate systems: global climate modeling and observation-based analyses*. <i>Environmental Research Letters</i> , 2020, 15, 034047.	5.2	7
11	Investigating variable importance in ground-level ozone formation with supervised learning. <i>Atmospheric Environment</i> , 2022, 282, 119148.	4.1	6
12	The impacts of precipitating cloud radiative effects on ocean surface evaporation, precipitation, and ocean salinity in coupled GCM simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9474-9491.	3.3	3
13	Atmospheric Effects on the Isotopic Composition of Ozone. <i>Atmosphere</i> , 2021, 12, 1673.	2.3	2
14	Susceptibility of East Asian Marine Warm Clouds to Aerosols in Winter and Spring from Co-Located A-Train Satellite Observations. <i>Remote Sensing</i> , 2021, 13, 5179.	4.0	1