

Seethala Chellappan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

344
citations

1040056

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1125743

13
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22
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22
docs citations

22
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Eddy Simulations of Marine Boundary Layer Clouds Associated with Cold-Air Outbreaks during the ACTIVATE Campaign. Part I: Case Setup and Sensitivities to Large-Scale Forcings. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 73-100.	1.7	8
2	Dilution of Boundary Layer Cloud Condensation Nucleus Concentrations by Free Tropospheric Entrainment During Marine Cold Air Outbreaks. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
3	An Overview of Atmospheric Features Over the Western North Atlantic Ocean and North American East Coastâ€”Part 2: Circulation, Boundary Layer, and Clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033423.	3.3	26
4	Cloud drop number concentrations over the western North Atlantic Ocean: seasonal cycle, aerosol interrelationships, and other influential factors. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10499-10526.	4.9	20
5	On Assessing ERA5 and MERRA2 Representations of Coldâ€”Air Outbreaks Across the Gulf Stream. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094364.	4.0	19
6	Eddy covariance measurements of CO2 exchange from agro-ecosystems located in subtropical (India) and boreal (Finland) climatic conditions. <i>Journal of Earth System Science</i> , 2020, 129, 1.	1.3	13
7	Evolution of an Atmospheric KÃ¼rmÃ¼n Vortex Street From Highâ€”Resolution Satellite Winds: Guadalupe Island Case Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032121.	3.3	13
8	Evaluating the diurnal cycle of South Atlantic stratocumulus clouds as observed by MSG SEVIRI. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13283-13304.	4.9	9
9	How Has Subtropical Stratocumulus and Associated Meteorology Changed since the 1980s?*. <i>Journal of Climate</i> , 2015, 28, 8396-8410.	3.2	39
10	View angle dependence of MODIS liquid water path retrievals in warm oceanic clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 8304-8328.	3.3	37
11	Evaluating WRF-Chem multi-scale model in simulating aerosol radiative properties over the tropics â€” A case study over India. <i>Mapan - Journal of Metrology Society of India</i> , 2011, 26, 269-284.	1.5	8
12	Global assessment of AMSRâ€”E and MODIS cloud liquid water path retrievals in warm oceanic clouds. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	132
13	Evaluation of passive satellite remote sensing of cloud liquid water. , 2009, , .		0
14	Investigation of atmospheric boundary layer characteristics for different aerosol absorptions: Case studies using CAPS model. <i>Atmospheric Environment</i> , 2008, 42, 4755-4768.	4.1	12