

Paul E Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

593
citations

567281

15
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Warm-air advection, air mass transformation and fog causes rapid ice melt. <i>Geophysical Research Letters</i> , 2015, 42, 5594-5602.	4.0	107
2	Coastal Boundary Layer Influence on Pollutant Transport in New England. <i>Journal of Applied Meteorology and Climatology</i> , 2004, 43, 1425-1437.	1.7	63
3	Atmospheric Conditions during the Arctic Clouds in Summer Experiment (ACSE): Contrasting Open Water and Sea Ice Surfaces during Melt and Freeze-Up Seasons. <i>Journal of Climate</i> , 2016, 29, 8721-8744.	3.2	47
4	Use of Two Profilers during MCTEX for Unambiguous Identification of Bragg Scattering and Rayleigh Scattering. <i>Journals of the Atmospheric Sciences</i> , 1999, 56, 3679-3691.	1.7	45
5	A 3-GHz Profiler for Precipitating Cloud Studies. <i>Journal of Atmospheric and Oceanic Technology</i> , 1999, 16, 309-322.	1.3	41
6	Equatorial 150-km irregularities observed at Pohnpei. <i>Geophysical Research Letters</i> , 1998, 25, 4079-4082.	4.0	37
7	Doppler Radar Profilers as Calibration Tools for Scanning Radars. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 2209-2222.	1.7	36
8	Boundary Layer Development over a Tropical Island during the Maritime Continent Thunderstorm Experiment. <i>Journals of the Atmospheric Sciences</i> , 2001, 58, 2163-2179.	1.7	33
9	Cluster Analysis Techniques to Separate Air Motion and Hydrometeors in Vertical Incident Profiler Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2000, 17, 949-962.	1.3	27
10	Combined Wind Profiler/Polarimetric Radar Studies of the Vertical Motion and Microphysical Characteristics of Tropical Sea-Breeze Thunderstorms. <i>Monthly Weather Review</i> , 2002, 130, 2228-2239.	1.4	26
11	Profiler Contributions to Tropical Rainfall Measuring Mission (TRMM) Ground Validation Field Campaigns. <i>Journal of Atmospheric and Oceanic Technology</i> , 2002, 19, 843-863.	1.3	25
12	Advancing Science and Services during the 2015/16 El Niño: The NOAA El Niño Rapid Response Field Campaign. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 975-1001.	3.3	23
13	A Comparison between Polarimetric Radar and Wind Profiler Observations of Precipitation in Tropical Showers. <i>Journal of Applied Meteorology and Climatology</i> , 2001, 40, 1702-1717.	1.7	16
14	Range Errors in Wind Profiling Caused by Strong Reflectivity Gradients. <i>Journal of Atmospheric and Oceanic Technology</i> , 2002, 19, 934-953.	1.3	16
15	The NOAA FM-CW Snow-Level Radar. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 249-267.	1.3	15
16	A Minimum Threshold for Wind Profiler Signal-to-Noise Ratios. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 889-895.	1.3	13
17	Postdeployment Calibration of a Tropical UHF Profiling Radar via Surface- and Satellite-Based Methods. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 1729-1751.	1.3	5
18	Improving Wind Profiler Measured Winds Using Coplanar Spectral Averaging. <i>Journal of Atmospheric and Oceanic Technology</i> , 2004, 21, 1671-1678.	1.3	4

#	ARTICLE	IF	CITATIONS
19	A comparison of vertical velocity variance measurements from wind profiling radars and sonic anemometers. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 999-1015.	3.1	4
20	Ship- and island-based soundings from the 2016 El Niño Rapid Response (ENRR) field campaign. <i>Earth System Science Data</i> , 2018, 10, 1165-1183.	9.9	4
21	Radar measurements of electric fields in the topside of the equatorial electrojet: First results. <i>Geophysical Research Letters</i> , 2000, 27, 2861-2864.	4.0	2
22	Stratocumulus-Topped Marine Boundary Layer Processes Revealed by the Absence of Profiler Reflectivity. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 1775-1789.	1.5	2
23	Central-Pacific surface meteorology from the 2016 El Niño Rapid Response (ENRR) field campaign. <i>Earth System Science Data</i> , 2018, 10, 1139-1164.	9.9	2
24	Rain Drop Size Distributions Estimated from NOAA Snow-Level Radar Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 2022, 39, 353-366.	1.3	0