

Suginori Iwasaki

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

591
citations

759233

12
h-index

677142

22
g-index

32
all docs

32
docs citations

32
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of Aura Microwave Limb Sounder water vapor by balloon-borne Cryogenic Frost point Hygrometer measurements. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	98
2	An algorithm for retrieval of cloud microphysics using 95-GHz cloud radar and lidar. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	77
3	Seasonal to decadal variations of water vapor in the tropical lower stratosphere observed with balloon-borne cryogenic frost point hygrometers. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	61
4	Cirrus observations in the tropical tropopause layer over the western Pacific. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	59
5	Characteristics of deep convection measured by using the A-train constellation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	45
6	Convective vertical velocity and cloud internal vertical structure: An A-train perspective. <i>Geophysical Research Letters</i> , 2014, 41, 723-729.	4.0	32
7	Analysis of the enhancement of backscattering by nonspherical particles with flat surfaces. <i>Applied Optics</i> , 2001, 40, 6121.	2.1	28
8	Characteristics of aerosol and cloud particle size distributions in the tropical tropopause layer measured with optical particle counter and lidar. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 3507-3518.	4.9	19
9	Development of a cloud particle sensor for radiosonde sounding. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 5911-5931.	3.1	19
10	Seasonal Variations of Precipitation Properties Associated with the Monsoon over Palau in the Western Pacific. <i>Journal of Hydrometeorology</i> , 2005, 6, 518-531.	1.9	17
11	Dehydration in the tropical tropopause layer estimated from the water vapor match. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8623-8642.	4.9	17
12	Cold trap dehydration in the Tropical Tropopause Layer characterised by SOWER chilled-mirror hygrometer network data in the Tropical Pacific. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4393-4411.	4.9	17
13	Cirrus cloud appearance in a volcanic aerosol layer around the tropical cold point tropopause over Biak, Indonesia, in January 2011. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
14	Subvisual cirrus cloud observations using a 1064-nm lidar, a 95 GHz cloud radar, and radiosondes in the warm pool region. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	14
15	Characteristics of cirrus clouds in the tropical lower stratosphere. <i>Atmospheric Research</i> , 2015, 164-165, 358-368.	4.1	12
16	Mixtures of stratospheric and overshooting air measured using A-train sensors. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	11
17	Seasonal Variations in High Arctic Free Tropospheric Aerosols Over Ny-Ålesund, Svalbard, Observed by Ground-Based Lidar. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,353-12,367.	3.3	11
18	<title>95-GHz cloud radar and lidar systems: preliminary results of cloud microphysics</title>. , 2000, 4152, 355.		7

#	ARTICLE	IF	CITATIONS
19	Daily Variation of Chlorophyll-A Concentration Increased by Typhoon Activity. Remote Sensing, 2020, 12, 1259.	4.0	7
20	Cloud Type and Top Height Estimation for Tropical Upper-Tropospheric Clouds Using GMS-5 Split-Window Measurements Combined with Cloud Radar Measurements. Scientific Online Letters on the Atmosphere, 2008, 4, 57-60.	1.4	7
21	Simulation for light scattering by rough surface based on Kirchhoff's diffraction theory. Advances in Space Research, 1999, 23, 1213-1216.	2.6	4
22	<title>Retrieval of cloud microphysics using 95-GHz cloud radar and microwave radiometer</title>. , 2000, 4152, 364.		3
23	Cloud observation with CRL airborne cloud profiling radar (SPIDER). , 0, , .		2
24	Large-and-Sparse-particle Clouds (LSC): Clouds which are subvisible for space-borne lidar and observable for space-borne cloud radar. Polar Science, 2019, 21, 117-123.	1.2	2
25	Retrieval of Raindrop and Cloud Particle Size Distributions with 14 GHz and 95 GHz Radars. Journal of the Meteorological Society of Japan, 2005, 83, 771-782.	1.8	2
26	Observation of Jumping Cirrus with Ground-Based Cameras, Radiosonde, and Himawari-8. Journal of the Meteorological Society of Japan, 2019, 97, 615-632.	1.8	1
27	Analysis of lidar backscattering enhancement for pristine hexagonal ice crystals. , 2001, , .		0
28	An isolated cloud band around a typhoon in the western tropical Pacific. Geophysical Research Letters, 2006, 33, .	4.0	0