Nobuhiro Takahashi

List of Publications by Year
in descending order

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18	259	933447 10	940533 16
papers	citations	h-index	g-index

21	21	21	188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A dual-frequency rain profiling method without the use of a surface reference technique. IEEE Transactions on Geoscience and Remote Sensing, 2004, 42, 2214-2225.	6.3	57
2	The Precipitation Rate Retrieval Algorithms for the GPM Dual-frequency Precipitation Radar. Journal of the Meteorological Society of Japan, 2021, 99, 205-237.	1.8	52
3	Simulation of EarthCARE Spaceborne Doppler Radar Products Using Ground-Based and Airborne Data: Effects of Aliasing and Nonuniform Beam-Filling. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1463-1479.	6.3	29
4	Polarimetric Radar Observation of the Melting Layer in a Convective Rainfall System during the Rainy Season over the East China Sea. Journal of Applied Meteorology and Climatology, 2011, 50, 354-367.	1.5	22
5	Development of Algorithm for Discriminating Hydrometeor Particle Types With a Synergistic Use of CloudSat and CALIPSO. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11022-11044.	3.3	15
6	Initial Observations for Precipitation Cores With X-Band Dual Polarized Phased Array Weather Radar. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3657-3666.	6.3	15
7	Development of Multi-Parameter Phased Array Weather Radar (MP-PAWR) and Early Detection of Torrential Rainfall and Tornado Risk. Journal of Disaster Research, 2019, 14, 235-247.	0.7	14
8	Overview of the End-of-Mission Observation Experiments of Precipitation Radar Onboard the Tropical Rainfall Measuring Mission Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3450-3459.	6.3	12
9	TwiceâEDaily Monsoon Precipitation Maxima in the Himalayas Driven by Land Surface Effects. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034255.	3.3	12
10	Rain Retrieval Performance of a Dual-Frequency Precipitation Radar Technique With Differential-Attenuation Constraint. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2612-2618.	6.3	10
11	Surface Echo Characteristics Derived From the Wide Swath Experiment of the Precipitation Radar Onboard TRMM Satellite During Its End-of-Mission Operation. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1988-1993.	6.3	8
12	Plans for Future Missions. Advances in Global Change Research, 2020, , 99-119.	1.6	4
13	Analysis of a Precipitation System that Exists above Freezing Level Using a Multi-Parameter Phased Array Weather Radar. Atmosphere, 2019, 10, 755.	2.3	3
14	Retrieval of Attenuation Profiles from the GPM Dual-frequency Radar Observations. Journal of the Meteorological Society of Japan, 2021, 99, 603-620.	1.8	3
15	A Feasibility Study on Wide Swath Observation by Spaceborne Precipitation Radar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3047-3057.	4.9	2
16	Analysis of Surface Cross-Sectional Data Taken During the 90Â° Yaw Experiment of the TRMM Precipitation Radar. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5729-5738.	6.3	1
17	Feasibility Study of GPM/DPR Wide Swath Observation. , 2019, , .		0
18	Analysis of the GPM/DPR wide swath experiment assuming future spaceborne precipitation radar. , 2018, , .		0