

Masafumi Hirose

List of Publications by Year in descending order

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15
papers

1,284
citations

933264

10
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Precipitation Map Using Satellite-Borne Microwave Radiometers by the GSMaP Project: Production and Validation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 2259-2275.	2.7	659
2	GSMaP Passive Microwave Precipitation Retrieval Algorithm : Algorithm Description and Validation. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87A, 119-136.	0.7	270
3	Spatial and diurnal variation of precipitation systems over Asia observed by the TRMM Precipitation Radar. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	128
4	Finescale Diurnal Rainfall Statistics Refined from Eight Years of TRMM PR Data. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 544-561.	0.6	59
5	Spatiotemporal Variation of the Vertical Gradient of Rainfall Rate Observed by the TRMM Precipitation Radar. <i>Journal of Climate</i> , 2004, 17, 3378-3397.	1.2	42
6	Evaluation of the Effects of the Orbit Boost of the TRMM Satellite on PR Rain Estimates. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87A, 83-92.	0.7	36
7	Incidence-Angle Dependency of TRMM PR Rain Estimates. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 192-206.	0.5	21
8	Regional Characteristics of Scale-based Precipitation Systems from Ten Years of TRMM PR Data. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87A, 353-368.	0.7	21
9	Spatial Contrast of Geographically Induced Rainfall Observed by TRMM PR. <i>Journal of Climate</i> , 2017, 30, 4165-4184.	1.2	17
10	Impact of Long-Term Observation on the Sampling Characteristics of TRMM PR Precipitation. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 713-723.	0.6	13
11	Refinement of Surface Precipitation Estimates for the Dual-frequency Precipitation Radar on the GPM Core Observatory Using Near-Nadir Measurements. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 1231-1252.	0.7	6
12	Evaluation of a numerical simulation model for a system coupling atmospheric gas, surface water and unsaturated or saturated porous medium. <i>Journal of Contaminant Hydrology</i> , 2015, 183, 121-134.	1.6	5
13	An Interpretation of TRMM Radar Observations of Shallow Convection with a Rain Cell Model. <i>Journal of the Meteorological Society of Japan</i> , 2009, 87A, 67-81.	0.7	3
14	Evaluation of the Effect of the Orbit Boost of the TRMM Satellite on the PR Rain Estimates. , 2008, , .		2
15	Finescale climatology of widespread precipitation systems observed by TRMM PR. , 2015, , .		2