

Susumu Shimada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

151
citations

7
h-index

12
g-index

15
ext. papers

181
ext. citations

3.2
avg, IF

2.86
L-index

#	Paper	IF	Citations
13	Field Measurements of Wind Characteristics Using LiDAR on a Wind Farm with Downwind Turbines Installed in a Complex Terrain Region. <i>Energies</i> , 2020 , 13, 5135	3.1	4
12	A comparison between Advanced Scatterometer and Weather Research and Forecasting wind speeds for the Japanese offshore wind resource map. <i>Wind Energy</i> , 2020 , 23, 1596-1609	3.4	0
11	Coastal Wind Measurements Using a Single Scanning LiDAR. <i>Remote Sensing</i> , 2020 , 12, 1347	5	7
10	Can LiDARs Replace Meteorological Masts in Wind Energy?. <i>Energies</i> , 2019 , 12, 3680	3.1	9
9	Accuracy Comparison of Coastal Wind Speeds between WRF Simulations Using Different Input Datasets in Japan. <i>Energies</i> , 2019 , 12, 2754	3.1	6
8	Assessment of the offshore wind resource in Japan with the ASCAT microwave scatterometer. <i>International Journal of Remote Sensing</i> , 2019 , 40, 1200-1216	3.1	5
7	Investigation of the Fetch Effect Using Onshore and Offshore Vertical LiDAR Devices. <i>Remote Sensing</i> , 2018 , 10, 1408	5	8
6	Ensemble forecasting of solar irradiance by applying a mesoscale meteorological model. <i>Solar Energy</i> , 2016 , 136, 597-605	6.8	21
5	Effects of sea surface temperature accuracy on offshore wind resource assessment using a mesoscale model. <i>Wind Energy</i> , 2015 , 18, 1839-1854	3.4	16
4	Numerical Simulations of Summer Mesoscale Heat-Stress around the Seto Inland Sea, Japan. <i>Journal of the Meteorological Society of Japan</i> , 2014 , 92, 121-136	2.8	1
3	Progress in Research on Laser Transmission Systems, Atmospheric Influence on Laser Transmission, and Laser Photovoltaics in Laser Space Solar Power System. <i>Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan</i> , 2014 , 12, Tq_5-Tq_10	0.3	1
2	Accuracy and Characteristics of Offshore Wind Speeds Simulated by WRF. <i>Scientific Online Letters on the Atmosphere</i> , 2011 , 7, 21-24	2.1	35
1	Accuracy of the Wind Speed Profile in the Lower PBL as Simulated by the WRF Model. <i>Scientific Online Letters on the Atmosphere</i> , 2011 , 7, 109-112	2.1	38