Susumu Shimada

List of Publications by Citations

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