Mithu Debnath

List of Publications by Year
in descending order

11	295	933447 10	1281871 11
papers	citations	h-index	g-index

16	16	16	285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing State-of-the-Art Capabilities for Probing the Atmospheric Boundary Layer: The XPIA Field Campaign. Bulletin of the American Meteorological Society, 2017, 98, 289-314.	3.3	59
2	The effects of mean atmospheric forcings of the stable atmospheric boundary layer on wind turbine wake. Journal of Renewable and Sustainable Energy, 2015, 7, .	2.0	38
3	Implications of Stably Stratified Atmospheric Boundary Layer Turbulence on the Near-Wake Structure of Wind Turbines. Energies, 2014, 7, 5740-5763.	3.1	31
4	Evaluation of single and multiple Doppler lidar techniques to measure complex flow during the XPIA field campaign. Atmospheric Measurement Techniques, 2017, 10, 247-264.	3.1	26
5	New methods to improve the vertical extrapolation of near-surface offshore wind speeds. Wind Energy Science, 2021, 6, 935-948.	3.3	21
6	Identification of tower-wake distortions using sonic anemometer and lidar measurements. Atmospheric Measurement Techniques, 2017, 10, 393-407.	3.1	20
7	Extreme wind shear events in US offshore wind energy areas and the role of induced stratification. Wind Energy Science, 2021, 6, 1043-1059.	3.3	18
8	Assessment of virtual towers performed with scanning wind lidars and Ka-band radars during the XPIA experiment. Atmospheric Measurement Techniques, 2017, 10, 1215-1227.	3.1	17
9	Lidar measurements of yawed-wind-turbine wakes: characterization and validation of analytical models. Wind Energy Science, 2020, 5, 1253-1272.	3.3	17
10	Vertical profiles of the 3-D wind velocity retrieved from multiple wind lidars performing triple range-height-indicator scans. Atmospheric Measurement Techniques, 2017, 10, 431-444.	3.1	16
11	Region-Based Convolutional Neural Network for Wind Turbine Wake Characterization in Complex Terrain. Remote Sensing, 2021, 13, 4438.	4.0	4