

Ameya B Sathe

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

728
citations

932766

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h-index

1281420

11
g-index

14
all docs

14
docs citations

14
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Can Wind Lidars Measure Turbulence?. Journal of Atmospheric and Oceanic Technology, 2011, 28, 853-868.	0.5	136
2	A review of turbulence measurements using ground-based wind lidars. Atmospheric Measurement Techniques, 2013, 6, 3147-3167.	1.2	125
3	Influence of atmospheric stability on wind turbine loads. Wind Energy, 2013, 16, 1013-1032.	1.9	118
4	Comparison of the atmospheric stability and wind profiles at two wind farm sites over a long marine fetch in the North Sea. Wind Energy, 2011, 14, 767-780.	1.9	75
5	Ten Years of Boundary-Layer and Wind-Power Meteorology at HÅvsÅre, Denmark. Boundary-Layer Meteorology, 2016, 158, 1-26.	1.2	72
6	A six-beam method to measure turbulence statistics using ground-based wind lidars. Atmospheric Measurement Techniques, 2015, 8, 729-740.	1.2	66
7	Evaluation of three lidar scanning strategies for turbulence measurements. Atmospheric Measurement Techniques, 2016, 9, 1993-2013.	1.2	48
8	Measurement of turbulence spectra using scanning pulsed wind lidars. Journal of Geophysical Research, 2012, 117, .	3.3	35
9	Influence of different wind profiles due to varying atmospheric stability on the fatigue life of wind turbines. Journal of Physics: Conference Series, 2007, 75, 012056.	0.3	28
10	Validation of a CFD model with a synchronized triple-lidar system in the wind turbine induction zone. Wind Energy, 2017, 20, 1481-1498.	1.9	14
11	Lidar Turbulence Measurements for Wind Energy. Springer Proceedings in Physics, 2012, , 263-270.	0.1	2