

Jay Prakash Goit

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

248
citations

1684188

5
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal control of energy extraction in wind-farm boundary layers. Journal of Fluid Mechanics, 2015, 768, 5-50.	3.4	159
2	Optimal Coordinated Control of Power Extraction in LES of a Wind Farm with Entrance Effects. Energies, 2016, 9, 29.	3.1	46
3	Can LiDARs Replace Meteorological Masts in Wind Energy?. Energies, 2019, 12, 3680.	3.1	13
4	Coastal Wind Measurements Using a Single Scanning LiDAR. Remote Sensing, 2020, 12, 1347.	4.0	13
5	Measurement and Prediction of Wind Fields at an Offshore Site by Scanning Doppler LiDAR and WRF. Atmosphere, 2020, 11, 442.	2.3	12
6	Experimental Study of Wind Load acting on Wind Turbine Nacelles. Journal of Physics: Conference Series, 2018, 1037, 052019.	0.4	3
7	Aerodynamic loads on wind turbine nacelles under different inflow turbulence conditions. Wind Energy, 2020, 23, 645-659.	4.2	1
8	Effect of averaging time windows on wind resource assessment of small wind turbines. Wind Energy, 2022, 25, 1222-1237.	4.2	1
9	Optimal Control of Wind Farm Energy Extraction and Beyond. Wind Engineers JAWE, 2018, 43, 266-272.	0.1	0
10	Evaluation of Long-term Measurement of Wind Speed and Turbulence using Doppler Lidar. The Proceedings of the Fluids Engineering Conference, 2019, 2019, OS4-03.	0.0	0
11	Flow field analysis in nearshore offshore wind farms. The Proceedings of Mechanical Engineering Congress Japan, 2020, 2020, J05114.	0.0	0
12	The effect of wind turbine sitting on the performance of offshore wind farms. The Proceedings of Mechanical Engineering Congress Japan, 2021, 2021, S055-04.	0.0	0
13	Comparison of the performance of upwind and downwind wind turbines in wind tunnel experiments. The Proceedings of Mechanical Engineering Congress Japan, 2021, 2021, S051-39.	0.0	0
14	Effect of Roughness Pitch Ratio for a Channel Flow with Roughness Elements on One Wall. The Proceedings of the Fluids Engineering Conference, 2021, 2021, OS02-12.	0.0	0