Julia Gottschall

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1019406/publications.pdf

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18	711	840119 11	839053 18
papers	citations	h-index	g-index

18	18	18	666
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How do NEWA and ERA5 compare for assessing offshore wind resources and wind farm siting conditions?. Journal of Physics: Conference Series, 2022, 2151, 012009.	0.3	1
2	Stability information derived from a floating lidar system using bulk Richardson formulation. Journal of Physics: Conference Series, 2022, 2265, 042024.	0.3	1
3	A comprehensive procedure to process scanning lidar data for engineering wake model validation. Journal of Physics: Conference Series, 2022, 2265, 022091.	0.3	1
4	Understanding and mitigating the impact of data gaps on offshore wind resource estimates. Wind Energy Science, 2021, 6, 505-520.	1.2	7
5	Advancing Wind Resource Assessment in Complex Terrain with Scanning Lidar Measurements. Energies, 2021, 14, 3280.	1.6	4
6	The New European Wind Atlas Model Chain. Journal of Physics: Conference Series, 2020, 1452, 012087.	0.3	9
7	The Making of the New European Wind Atlas â€“ Part 2: Production and evaluation. Geoscientific Model Development, 2020, 13, 5079-5102.	1.3	86
8	Powering the 21st century by wind energyâ€”Options, facts, figures. Applied Physics Reviews, 2019, 6, .	5.5	45
9	The NEWA Ferry Lidar Experiment: Measuring Mesoscale Winds in the Southern Baltic Sea. Remote Sensing, 2018, 10, 1620.	1.8	19
10	Extreme Winds in the New European Wind Atlas. Journal of Physics: Conference Series, 2018, 1102, 012006.	0.3	6
11	IEA Wind Task 32: Wind Lidar Identifying and Mitigating Barriers to the Adoption of Wind Lidar. Remote Sensing, 2018, 10, 406.	1.8	41
12	Complex terrain experiments in the New European Wind Atlas. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160101.	1.6	82
13	Floating lidar as an advanced offshore wind speed measurement technique: current technology status and gap analysis in regard to full maturity. Wiley Interdisciplinary Reviews: Energy and Environment, 2017, 6, e250.	1.9	41
14	An Inter-Comparison Study of Multi- and DBS Lidar Measurements in Complex Terrain. Remote Sensing, 2016, 8, 782.	1.8	44
15	First Verification Test and Wake Measurement Results Using a SHIP-LIDAR System. Energy Procedia, 2014, 53, 146-155.	1.8	21
16	Lidar profilers in the context of wind energyâ€“a verification procedure for traceable measurements. Wind Energy, 2012, 15, 147-159.	1.9	48
17	Can Wind Lidars Measure Turbulence?. Journal of Atmospheric and Oceanic Technology, 2011, 28, 853-868.	0.5	136
18	Accounting for the speed shear in wind turbine power performance measurement. Wind Energy, 2011, 14, 993-1004.	1.9	119