

Kurt S Hansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11638209/publications.pdf>

Version: 2024-02-01

19
papers

1,039
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of satellite winds for the offshore wind farm site Anholt. Wind Energy Science, 2018, 3, 573-588.	3.3	24
2	Does the wind turbine wake follow the topography? A multi-lidar study in complex terrain. Wind Energy Science, 2018, 3, 681-691.	3.3	40
3	Mapping Wind Farm Loads and Power Production - A Case Study on Horns Rev 1. Journal of Physics: Conference Series, 2016, 753, 032010.	0.4	17
4	Investigation of wake interaction using full-scale lidar measurements and large eddy simulation. Wind Energy, 2016, 19, 1535-1551.	4.2	25
5	Alternative approach for establishing the Nacelle Transfer Function. Wind Engineering, 2016, 40, 307-318.	1.9	2
6	Wake flow characteristics at high wind speed. , 2016, , .		1
7	The $k-\mu$ model applied to wind farms. Wind Energy, 2015, 18, 2065-2084.	4.2	42
8	Large-eddy simulations of the Lillgrund wind farm. Wind Energy, 2015, 18, 449-467.	4.2	108
9	IEA-Task 31 WAKEBENCH: Towards a protocol for wind farm flow model evaluation. Part 2: Wind farm wake models. Journal of Physics: Conference Series, 2014, 524, 012185.	0.4	36
10	De-trending of wind speed variance based on first-order and second-order statistical moments only. Wind Energy, 2014, 17, 1905-1924.	4.2	6
11	Validation of the dynamic wake meander model for loads and power production in the Egmond aan Zee wind farm. Wind Energy, 2013, 16, 605-624.	4.2	155
12	The impact of turbulence intensity and atmospheric stability on power deficits due to wind turbine wakes at Horns Rev wind farm. Wind Energy, 2012, 15, 183-196.	4.2	348
13	Numerical simulations of wake interaction between two wind turbines at various inflow conditions. Wind Energy, 2011, 14, 859-876.	4.2	126
14	Solving the Turbine Positioning Problem for Large Offshore Wind Farms by Simulated Annealing. Wind Engineering, 2009, 33, 287-297.	1.9	77
15	Rational calibration of four IEC 61400-1 extreme external conditions. Wind Energy, 2008, 11, 685-702.	4.2	9
16	An MSc Course Module: Wind Turbine Measurement Techniques. Wind Engineering, 2005, 29, 183-185.	1.9	0
17	Characterising Turbulence Intensity for Fatigue Load Analysis of Wind Turbines. Wind Engineering, 2005, 29, 319-329.	1.9	18
18	Statistical Model of Extreme Shear. Journal of Solar Energy Engineering, Transactions of the ASME, 2005, 127, 444-455.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Wind Shear Extremes at Possible Offshore Wind Turbine Locations. Wind Engineering, 2003, 27, 339-349.	1.9	1