

Sang Lee

List of Publications by Year in descending order

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19
papers

1,446
citations

933264

10
h-index

1199470

12
g-index

19
all docs

19
docs citations

19
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-eddy simulation of offshore wind plants and fatigue load mitigation via pitch control strategies. <i>Journal of Renewable and Sustainable Energy</i> , 2018, 10, 033304.	0.8	2
2	Load Estimation of Offshore Wind Turbines. <i>Energies</i> , 2018, 11, 1895.	1.6	14
3	Interaction of Wind Turbine Wakes under Various Atmospheric Conditions. <i>Energies</i> , 2018, 11, 1442.	1.6	4
4	Development of a Wind Plant Large-Eddy Simulation with Measurement-Driven Atmospheric Inflow. , 2017, , .		1
5	Blade Load Reduction for a 13 MW Downwind Pre-Aligned Rotor. , 2016, , .		3
6	Two improvements to the dynamic wake meandering model: including the effects of atmospheric shear on wake turbulence and incorporating turbulence build-up in a row of wind turbines. <i>Wind Energy</i> , 2015, 18, 111-132.	1.9	32
7	Simulation comparison of wake mitigation control strategies for a two-turbine case. <i>Wind Energy</i> , 2015, 18, 2135-2143.	1.9	206
8	Modeling Wind Turbine Tower and Nacelle Effects within an Actuator Line Model. , 2015, , .		10
9	A Comparison of the Dynamic Wake Meandering Model, Large-Eddy Simulation, and Field Data at the Egmond aan Zee Offshore Wind Plant. , 2015, , .		19
10	Quantifying error of lidar and sodar Doppler beam swinging measurements of wind turbine wakes using computational fluid dynamics. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 907-920.	1.2	86
11	Implementing the Dynamic Wake Meandering Model in the NWTC Design Codes. , 2014, , .		11
12	On atmospheric stability in the dynamic wake meandering model. <i>Wind Energy</i> , 2014, 17, 1689-1710.	1.9	58
13	Meteorology for Coastal/Offshore Wind Energy in the United States: Recommendations and Research Needs for the Next 10 Years. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 515-519.	1.7	46
14	Evaluating techniques for redirecting turbine wakes using SOWFA. <i>Renewable Energy</i> , 2014, 70, 211-218.	4.3	308
15	Quantifying the sensitivity of wind farm performance to array layout options using large-eddy simulation. <i>Geophysical Research Letters</i> , 2013, 40, 4963-4970.	1.5	76
16	A Large-Eddy Simulation of Wind-Plant Aerodynamics. , 2012, , .		166
17	Atmospheric and Wake Turbulence Impacts on Wind Turbine Fatigue Loadings. , 2012, , .		39
18	A numerical study of the effects of atmospheric and wake turbulence on wind turbine dynamics. <i>Journal of Turbulence</i> , 2012, 13, N14.	0.5	349

#	ARTICLE	IF	CITATIONS
19	Simulation of Icing on a Cascade of Stator Blades. Journal of Propulsion and Power, 2008, 24, 1309-1316.	1.3	16