

Neil Kelley

List of Publications by Year in descending order

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19
papers

525
citations

1937685

4
h-index

2272923

4
g-index

19
all docs

19
docs citations

19
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Adding feedforward blade pitch control to standard feedback controllers for load mitigation in wind turbines. <i>Mechatronics</i> , 2011, 21, 682-690.	3.3	80
2	The use of preview wind measurements for blade pitch control. <i>Mechatronics</i> , 2011, 21, 668-681.	3.3	74
3	Model Predictive Control Using Preview Measurements From LIDAR. , 2011, , .		54
4	Analysis of light detection and ranging wind speed measurements for wind turbine control. <i>Wind Energy</i> , 2014, 17, 413-433.	4.2	54
5	Combining Standard Feedback Controllers with Feedforward Blade Pitch Control for Load Mitigation in Wind Turbines. , 2010, , .		45
6	Blade Pitch Control with Preview Wind Measurements. , 2010, , .		42
7	Adding Feedforward Blade Pitch Control for Load Mitigation in Wind Turbines: Non-Causal Series Expansion, Preview Control, and Optimized FIR Filter Methods. , 2011, , .		32
8	Measurements of Wind and Turbulence Profiles With Scanning Doppler Lidar for Wind Energy Applications. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2008, 1, 42-47.	4.9	31
9	Analysis of Wind Speed Measurements using Continuous Wave LIDAR for Wind Turbine Control. , 2011, , .		31
10	LIDAR Wind Speed Measurements of Evolving Wind Fields. , 2012, , .		17
11	The NREL Large-Scale Turbine Inflow and Response Experiment: Preliminary Results. , 2002, , 412.		16
12	Comparison of Two Independent Lidar-Based Pitch Control Designs. , 2012, , .		16
13	Inflow Measurement in a Tidal Strait for Deploying Tidal Current Turbines: Lessons, Opportunities and Challenges. , 2010, , .		14
14	Using time-frequency and wavelet analysis to assess turbulence/rotor interactions. , 2000, , .		11
15	Development of a light-weight, wind-turbine-rotor-based data acquisition system. , 1998, , .		3
16	Inflow and Fatigue Response of the NWTC Advanced Research Turbine. , 2003, , .		2
17	Tall Tower Wind Shear Observations in the Stable Nocturnal Boundary Layer. , 2007, , .		2
18	Analysis of a two-bladed flexible rotor system - Model development progress. , 1998, , .		1

#	ARTICLE	IF	CITATIONS
19	Turbine Inflow Characterization at the National Wind Technology Center. , 2012, , .		0