

Fanzhong Meng

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

181
citations

1478505

6
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in testing and monitoring the in-operation vibration characteristics of wind turbines. Mechanical Systems and Signal Processing, 2013, 41, 649-666.	8.0	70
2	Real-time rotor effective wind speed estimation using Gaussian process regression and Kalman filtering. Renewable Energy, 2021, 169, 670-686.	8.9	27
3	DTUWEC: an open-source DTU Wind Energy Controller with advanced industrial features. Journal of Physics: Conference Series, 2020, 1618, 022009.	0.4	11
4	Control System Design for a 20 MW Reference Wind Turbine. , 2019, , .		10
5	Surrogate Models for Wind Turbine Electrical Power and Fatigue Loads in Wind Farm. Energies, 2020, 13, 6360.	3.1	8
6	Effective wind speed estimation for wind turbines in down-regulation. Journal of Physics: Conference Series, 2020, 1452, 012008.	0.4	7
7	Wake position tracking using dynamic wake meandering model and rotor loads. Journal of Renewable and Sustainable Energy, 2021, 13, 023301.	2.0	6
8	The effect of minimum thrust coefficient control strategy on power output and loads of a wind farm. Journal of Physics: Conference Series, 2020, 1452, 012009.	0.4	5
9	Free/Open Source Multibody and Aerodynamic Software for Aeroelastic Analysis of Wind Turbines. , 2009, , .		4
10	A free wake vortex lattice model for vertical axis wind turbines: Modeling, verification and validation. Journal of Physics: Conference Series, 2014, 555, 012072.	0.4	3
11	Wind turbine loads reduction using feedforward feedback collective pitch control based on the estimated effective wind speed. , 2016, , .		3
12	Aeroelastic Stability Analysis of Large Scale Horizontal Axis Wind Turbines Using Reduced Order System Identification Based on Flexible Nonlinear Multi-body Dynamics. , 2008, , .		2
13	Observer design and optimization for model-based condition monitoring of the wind turbine rotor blades using genetic algorithm. Journal of Physics: Conference Series, 2018, 1037, 032027.	0.4	2
14	Advanced control of wind turbine system. , 2018, , 113-148.		0