

Ju Feng

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

619
citations

933447

10
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	A new multi-fidelity flow-acoustics simulation framework for wind farm application. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 111939.	16.4	4
2	Design optimization of a curved wind turbine blade using neural networks and an aero-elastic vortex method under turbulent inflow. <i>Renewable Energy</i> , 2020, 146, 1524-1535.	8.9	50
3	A new wake model and comparison of eight algorithms for layout optimization of wind farms in complex terrain. <i>Applied Energy</i> , 2020, 259, 114189.	10.1	65
4	Co-optimization of the shape, orientation and layout of offshore wind farms. <i>Journal of Physics: Conference Series</i> , 2020, 1618, 042023.	0.4	8
5	Development of a streamline wake model for wind farm performance predictions. <i>Journal of Physics: Conference Series</i> , 2020, 1618, 062027.	0.4	0
6	An Optimization Framework for Wind Farm Design in Complex Terrain. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2053.	2.5	32
7	Design optimization of offshore wind farms with multiple types of wind turbines. <i>Applied Energy</i> , 2017, 205, 1283-1297.	10.1	86
8	Wind farm power production in the changing wind: Robustness quantification and layout optimization. <i>Energy Conversion and Management</i> , 2017, 148, 905-914.	9.2	49
9	Wind turbine wake measurement in complex terrain. <i>Journal of Physics: Conference Series</i> , 2016, 753, 032013.	0.4	17
10	Multi-Objective Random Search Algorithm for Simultaneously Optimizing Wind Farm Layout and Number of Turbines. <i>Journal of Physics: Conference Series</i> , 2016, 753, 032011.	0.4	16
11	Solving the wind farm layout optimization problem using random search algorithm. <i>Renewable Energy</i> , 2015, 78, 182-192.	8.9	166
12	Modelling Wind for Wind Farm Layout Optimization Using Joint Distribution of Wind Speed and Wind Direction. <i>Energies</i> , 2015, 8, 3075-3092.	3.1	56
13	Wind farm layout optimization in complex terrain: A preliminary study on a Gaussian hill. <i>Journal of Physics: Conference Series</i> , 2014, 524, 012146.	0.4	29
14	Operating wind turbines in strong wind conditions by using feedforward-feedback control. <i>Journal of Physics: Conference Series</i> , 2014, 555, 012035.	0.4	4
15	A minimax stochastic optimal semi-active control strategy for uncertain quasi-integrable Hamiltonian systems using magneto-rheological dampers. <i>JVC/Journal of Vibration and Control</i> , 2012, 18, 1986-1995.	2.6	5
16	A minimax optimal control strategy for partially observable uncertain quasi-Hamiltonian systems. <i>International Journal of Non-Linear Mechanics</i> , 2012, 47, 1147-1153.	2.6	2
17	Robustness of feedback stabilization of quasi non-integrable Hamiltonian systems with parametric uncertainty. <i>JVC/Journal of Vibration and Control</i> , 2012, 18, 622-631.	2.6	4
18	Stochastic optimal control analysis of a piezoelectric shell subjected to stochastic boundary perturbations. <i>Smart Structures and Systems</i> , 2012, 9, 231-251.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Stochastic micro-vibration response of a spherically symmetric piezoelectric shell structure as sensor. , 2011, , .		0
20	Stochastic minimax optimal time-delay state feedback control of uncertain quasi-integrable Hamiltonian systems. Acta Mechanica, 2011, 222, 309-319.	2.1	1
21	Stochastic optimal time-delay control of quasi-integrable Hamiltonian systems. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 2978-2984.	3.3	8
22	Electric potential response analysis of a piezoelectric shell under random micro-vibration excitations. Smart Materials and Structures, 2011, 20, 105029.	3.5	6
23	Stochastic optimal control of partially observable nonlinear quasi-integrable Hamiltonian systems. Science China: Physics, Mechanics and Astronomy, 2010, 53, 147-154.	5.1	6