Jennifer King

List of Publications by Year
in descending order

25	547	933447 10	940533 16
papers	citations	h-index	g-index

29	29	29	213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distributed model predictive control for coordinated, grid-interactive buildings. Applied Energy, 2022, 312, 118612.	10.1	18
2	Integration of distributed controllers: Power reference tracking through charging station and building coordination. Applied Energy, 2022, 314, 118753.	10.1	5
3	Learning Assisted Demand Charge Mitigation for Workplace Electric Vehicle Charging. IEEE Access, 2022, 10, 48283-48291.	4.2	2
4	Serial-Refine Method for Fast Wake-Steering Yaw Optimization. Journal of Physics: Conference Series, 2022, 2265, 032109.	0.4	5
5	PowerGridworld. , 2022, , .		5
6	Analytical solution for the cumulative wake of wind turbines in wind farms. Journal of Fluid Mechanics, 2021, 911, .	3.4	40
7	Power increases using wind direction spatial filtering for wind farm control: Evaluation using FLORIS, modified for dynamic settings. Journal of Renewable and Sustainable Energy, 2021, 13, 023310.	2.0	10
8	Deep Reinforcement Learning for Automatic Generation Control of Wind Farms. , 2021, , .		8
9	Network based estimation of wind farm power and velocity data under changing wind direction. , 2021, , .		5
10	Wake Steering Wind Farm Control With Preview Wind Direction Information. , 2021, , .		8
11	Evaluation of the potential for wake steering for U.S. land-based wind power plants. Journal of Renewable and Sustainable Energy, 2021, 13, .	2.0	16
12	The area localized coupled model for analytical mean flow prediction in arbitrary wind farm geometries. Journal of Renewable and Sustainable Energy, 2021, 13, .	2.0	9
13	Proof-of-concept of a reinforcement learning framework for wind farm energy capture maximization in time-varying wind. Journal of Renewable and Sustainable Energy, 2021, 13, .	2.0	24
14	Autonomous Energy Grids: Controlling the Future Grid With Large Amounts of Distributed Energy Resources. IEEE Power and Energy Magazine, 2020, 18, 37-46.	1.6	42
15	Estimation of Large-Scale Wind Field Characteristics using Supervisory Control and Data Acquisition Measurements. , 2020, , .		5
16	Mobile Sensing for Wind Field Estimation in Wind Farms. , 2020, , .		0
17	A Distributed Reinforcement Learning Yaw Control Approach for Wind Farm Energy Capture Maximization. , 2020, , .		17
18	Comparison of modular analytical wake models to the Lillgrund wind plant. Journal of Renewable and Sustainable Energy, 2020, 12, .	2.0	19

#	Article	IF	Citations
19	Cooperative Load Scheduling for Multiple Aggregators Using Hierarchical ADMM. , 2020, , .		1
20	Field Validation of Wake Steering Control with Wind Direction Variability. Journal of Physics: Conference Series, 2020, 1452, 012012.	0.4	9
21	Wake steering optimization under uncertainty. Wind Energy Science, 2020, 5, 413-426.	3.3	24
22	Design and analysis of a wake steering controller with wind direction variability. Wind Energy Science, 2020, 5, 451-468.	3.3	50
23	Continued results from a field campaign of wake steering applied at a commercial wind farm â€“ Part 2. Wind Energy Science, 2020, 5, 945-958.	3.3	63
24	Resilient Autonomous Wind Farms. , 2020, , .		0
25	Initial results from a field campaign of wake steering applied at a commercial wind farm â€“ Part 1. Wind Energy Science, 2019, 4, 273-285.	3.3	136