Qiang Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7076909/publications.pdf

Version: 2024-02-01

10	221	1039880 9	1372474 10
papers	citations	h-index	g-index

10	10	10	138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wake and performance interference between adjacent wind farms: Case study of Xinjiang in China by means of mesoscale simulations. Energy, 2019, 166, 1168-1180.	4.5	43
2	Micrositing of roof mounting wind turbine in urban environment: CFD simulations and lidar measurements. Renewable Energy, 2018, 115, 1118-1133.	4.3	33
3	Mesoscale simulations of a real onshore wind power base in complex terrain: Wind farm wake behavior and power production. Energy, 2022, 241, 122873.	4.5	30
4	Diurnal impact of atmospheric stability on inter-farm wake and power generation efficiency at neighboring onshore wind farms in complex terrain. Energy Conversion and Management, 2022, 267, 115897.	4.4	23
5	Coupled wind farm parameterization with a mesoscale model for simulations of an onshore wind farm. Applied Energy, 2017, 206, 113-125.	5.1	22
6	Impact of substantial wind farms on the local and regional atmospheric boundary layer: Case study of Zhangbei wind power base in China. Energy, 2019, 183, 1136-1149.	4.5	22
7	A multiscale numerical framework coupled with control strategies for simulating a wind farm in complex terrain. Energy, 2020, 203, 117913.	4.5	15
8	Influences of operating parameters on the aerodynamics and aeroacoustics of a horizontal-axis wind turbine. Energy, 2018, 160, 597-611.	4.5	12
9	A refined wind farm parameterization for the weather research and forecasting model. Applied Energy, 2022, 306, 118082.	5.1	12
10	Simulated potential wind power sensitivity to the planetary boundary layer parameterizations combined with various topography datasets in the weather research and forecasting model. Energy, 2022, 239, 122047.	4.5	9