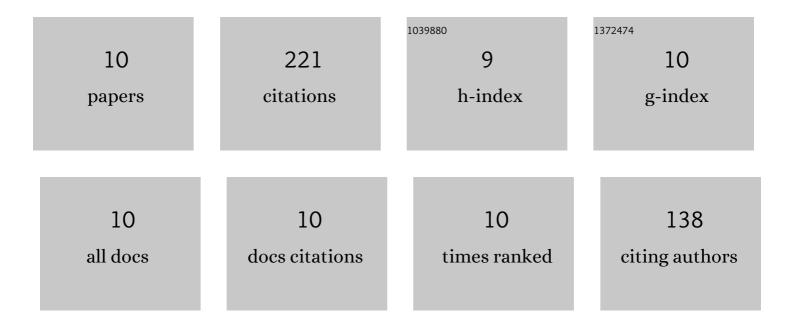
## Qiang Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7076909/publications.pdf Version: 2024-02-01



OLANG WANG

#	Article	IF	CITATIONS
1	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
2	A refined wind farm parameterization for the weather research and forecasting model. Applied Energy, 2022, 306, 118082.	5.1	12
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	A multiscale numerical framework coupled with control strategies for simulating a wind farm in complex terrain. Energy, 2020, 203, 117913.	4.5	15
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	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
8	Micrositing of roof mounting wind turbine in urban environment: CFD simulations and lidar measurements. Renewable Energy, 2018, 115, 1118-1133.	4.3	33
9	Influences of operating parameters on the aerodynamics and aeroacoustics of a horizontal-axis wind turbine. Energy, 2018, 160, 597-611.	4.5	12
10	Coupled wind farm parameterization with a mesoscale model for simulations of an onshore wind farm. Applied Energy, 2017, 206, 113-125.	5.1	22