

Qiang Wang

List of Publications by Year in descending order

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10
papers

221
citations

1039880

9
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

138
citing authors

| # | 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 |