

Christian Santoni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6021917/publications.pdf>

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9
papers

257
citations

1684188

5
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of tower and nacelle on the flow past a wind turbine. <i>Wind Energy</i> , 2017, 20, 1927-1939.	4.2	89
2	Fluid dynamics simulations show that facial masks can suppress the spread of COVID-19 in indoor environments. <i>AIP Advances</i> , 2020, 10, .	1.3	48
3	Development of a high fidelity CFD code for wind farm control. , 2015, , .		28
4	Largeâ€eddy simulations with extremumâ€seeking control for individual wind turbine power optimization. <i>Wind Energy</i> , 2017, 20, 1617-1634.	4.2	27
5	Oneâ€way mesoscaleâ€microscale coupling for simulating a wind farm in North Texas: Assessment against SCADA and LiDAR data. <i>Wind Energy</i> , 2020, 23, 691-710.	4.2	26
6	Time-Averaged Wind Turbine Wake Flow Field Prediction Using Autoencoder Convolutional Neural Networks. <i>Energies</i> , 2022, 15, 41.	3.1	17
7	Large Eddy Simulation for an array of turbines with Extremum Seeking Control. , 2016, , .		14
8	Numerical Study on the Effect of Bank Vegetation on the Hydrodynamics of the American River under Flood Conditions. <i>Journal of Hydraulic Engineering</i> , 2021, 147, .	1.5	5
9	Development of a surrogate model for wind farm control. , 2019, , .		3