Christian Santoni

List of Publications by Year
in descending order

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