

Jan Bartl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3151980/publications.pdf>

Version: 2024-02-01

15
papers

381
citations

1040056

9
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Vortex interaction in the wake of a two- and three-bladed wind turbine. Journal of Physics: Conference Series, 2020, 1669, 012027.	0.4	1
2	An experimental study on the effects of winglets on the tip vortex interaction in the near wake of a model wind turbine. Wind Energy, 2020, 23, 1286-1300.	4.2	16
3	Performance of the NREL S826 airfoil at low to moderate Reynolds numbers – A reference experiment for CFD models. European Journal of Mechanics, B/Fluids, 2019, 75, 180-192.	2.5	33
4	Validation of the real-time-response ProCap measurement system for full field wake scans behind a yawed model-scale wind turbine. Journal of Physics: Conference Series, 2018, 1104, 012018.	0.4	2
5	Experimental validation of analytical wake and downstream turbine performance modelling. Journal of Physics: Conference Series, 2018, 1104, 012017.	0.4	2
6	Wind tunnel experiments on wind turbine wakes in yaw: redefining the wake width. Wind Energy Science, 2018, 3, 257-273.	3.3	50
7	Wind tunnel experiments on wind turbine wakes in yaw: effects of inflow turbulence and shear. Wind Energy Science, 2018, 3, 329-343.	3.3	69
8	Wind tunnel study on power output and yaw moments for two yaw-controlled model wind turbines. Wind Energy Science, 2018, 3, 489-502.	3.3	42
9	Blind test comparison on the wake behind a yawed wind turbine. Wind Energy Science, 2018, 3, 883-903.	3.3	25
10	Numerical simulation of flow around the NREL S826 airfoil at moderate Reynolds number using delayed detached Eddy simulation (DDES). AIP Conference Proceedings, 2017, , .	0.4	4
11	Experimental study on power curtailment of three in-line turbines. Energy Procedia, 2017, 137, 307-314.	1.8	4
12	Comparative study on the wake deflection behind yawed wind turbine models. Journal of Physics: Conference Series, 2017, 854, 012032.	0.4	18
13	Blind test comparison of the performance and wake flow between two in-line wind turbines exposed to different turbulent inflow conditions. Wind Energy Science, 2017, 2, 55-76.	3.3	48
14	Effect of Upstream Turbine Tip Speed Variations on Downstream Turbine Performance. Energy Procedia, 2016, 94, 478-486.	1.8	7
15	Wake Measurements Behind an Array of Two Model Wind Turbines. Energy Procedia, 2012, 24, 305-312.	1.8	59