

Gijs Van Kuik

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

743
citations

1163117

8
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization by PIV of dynamic stall on a vertical axis wind turbine. Experiments in Fluids, 2009, 46, 97-108.	2.4	259
2	Performance of an H-Darrieus in the Skewed Flow on a Roof1. Journal of Solar Energy Engineering, Transactions of the ASME, 2003, 125, 433-440.	1.8	155
3	A comparison of smart rotor control approaches using trailing edge flaps and individual pitch control. Wind Energy, 2010, 13, 117-134.	4.2	133
4	Estimating the angle of attack from blade pressure measurements on the NREL Phase VI rotor using a free wake vortex model:axial conditions. Wind Energy, 2006, 9, 549-577.	4.2	73
5	Validation of four LES and a vortex model against stereo-PIV measurements in the near wake of an actuator disc and a wind turbine. Renewable Energy, 2016, 94, 510-523.	8.9	44
6	Estimating the angle of attack from blade pressure measurements on the National Renewable Energy Laboratory phase VI rotor using a free wake vortex model: yawed conditions. Wind Energy, 2009, 12, 1-32.	4.2	29
7	HAWT near-wake aerodynamics, Part I: axial flow conditions. Wind Energy, 2008, 11, 245-264.	4.2	21
8	Wind tunnel hotwire measurements, flow visualization and thrust measurement of a VAWT in skew. , 2006, , .		16
9	Verifying the Blade Element Momentum Method in unsteady, radially varied, axisymmetric loading using a vortex ring model. Wind Energy, 2017, 20, 269-288.	4.2	12