Andrew Cashman

List of Publications by Year
in descending order

13	366	1163117 8	1372567 10
papers	citations	h-index	g-index

13	13	13	244
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aerodynamic design and performance parameters of a lift-type vertical axis wind turbine: A comprehensive review. Renewable and Sustainable Energy Reviews, 2021, 139, 110699.	16.4	86
2	Numerical simulation of a vertical axis wind turbine airfoil experiencing dynamic stall at high Reynolds numbers. Computers and Fluids, 2017, 149, 12-30.	2.5	85
3	A review on the historical development of the lift-type vertical axis wind turbine: From onshore to offshore floating application. Sustainable Energy Technologies and Assessments, 2020, 38, 100646.	2.7	41
4	Aerodynamic modeling methods for a large-scale vertical axis wind turbine: A comparative study. Renewable Energy, 2018, 129, 12-31.	8.9	38
5	Conceptual design of a large-scale floating offshore vertical axis wind turbine. Energy Procedia, 2017, 142, 83-88.	1.8	37
6	A Low-Order Model for Offshore Floating Vertical Axis Wind Turbine Aerodynamics. IEEE Transactions on Industry Applications, 2017, 53, 512-520.	4.9	29
7	Structural analysis of an offshore vertical axis wind turbine composite blade experiencing an extreme wind load. Marine Structures, 2021, 75, 102858.	3.8	19
8	Development of a free heaving OWC model with non-linear PTO interaction. Renewable Energy, 2018, 117, 108-115.	8.9	14
9	An aerodynamic modelling methodology for an offshore floating vertical axis wind turbine. , 2015, , .		6
10	Mathematical & CFD analysis of free floating heave-only body. , 2015, , .		4
11	Development of a numerical wave tank with reduced discretization error. , 2016, , .		4
12	Employing Computational Fluid Dynamics to Derive Beddoesâ€“Leishman Model Airfoil Parameters for Vertical Axis Wind Turbines. Journal of Solar Energy Engineering, Transactions of the ASME, 2021, 143, .	1.8	2
13	Aerodynamic Analysis of a 5ÂMW Stall-Regulated Offshore Vertical Axis Wind Turbine Using Computational Fluid Dynamics. Lecture Notes in Civil Engineering, 2019, , 485-491.	0.4	1