

Andrew Cashman

List of Publications by Year in descending order

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docs citations

13
times ranked

244
citing authors

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