

David

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6870834/publications.pdf>

Version: 2024-02-01

10
papers

269
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical study of turbulence effect on aerodynamic performance of a small-scale vertical axis wind turbine. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2016, 157, 1-14.	3.9	68
2	Influence of operating conditions on unsteady wind performance of vertical axis wind turbines operating within a fluctuating free-stream: A numerical study. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2014, 135, 76-89.	3.9	59
3	A numerical analysis of unsteady inflow wind for site specific vertical axis wind turbine: A case study for Marsabit and Garissa in Kenya. <i>Renewable Energy</i> , 2015, 76, 648-661.	8.9	48
4	Numerical and experimental study of pressure-wave formation around an underwater ventilated vehicle. <i>European Journal of Mechanics, B/Fluids</i> , 2017, 65, 440-449.	2.5	24
5	Pitch control of small H-type Darrieus vertical axis wind turbines using advanced gain scheduling techniques. <i>Renewable Energy</i> , 2020, 161, 756-765.	8.9	22
6	Analytical and numerical investigation of unsteady wind for enhanced energy capture in a fluctuating free-stream. <i>Energy</i> , 2017, 121, 854-864.	8.8	18
7	Empirical and numerical analysis of small wind turbine aerodynamic performance at a plateau terrain in Kenya. <i>Renewable Energy</i> , 2016, 90, 377-385.	8.9	16
8	An experimental investigation into performance characteristics of H-shaped and Savonius-type VAWT rotors. <i>Scientific African</i> , 2020, 10, e00603.	1.5	6
9	Investigation into the effects of the earth's magnetic field on the conversion efficiency of solar cells. <i>Renewable Energy</i> , 2020, 159, 184-194.	8.9	5
10	Wind resource assessment and numerical simulation for wind turbine airfoils. , 2014, , .		3