David

List of Publications by Year
in descending order

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