Datta S Chavan

List of Publications by Year
in descending order

40 papers	318 citations	3311381 1 h-index	2917675 2 g-index
40 all docs	40 docs citations	40 times ranked	29 citing authors

#	Article	IF	Citations
1	Effect of vertical wind shear on flicker in wind farm. , 2013, , .		32
2	Assessment of flicker owing to turbulence in a wind turbine placed on a hill using wind tunnel. , 2014, , .		29
3	Computation of flicker as a result of turbulence in a wind turbine sited on a green building using wind tunnel. , 2014, , .		28
4	Empirical model of flicker due to vertical wind shear instigated by civilization in a seashore wind turbine using wind tunnel. , 2014, , .		27
5	Linear Model of Flicker Due to Vertical Wind Shear for a Turbine Mounted on a Green Building. , 2014, , .		26
6	Modeling of flicker due to vertical wind shear initiated by vegetation in a riverside wind turbine using wind tunnel. , 2014, , .		25
7	Computation of flicker due to vertical wind shear in a wind turbine sited on a hill using wind tunnel. , 2014, , .		25
8	Assessment of Flicker Due to Vertical Wind Shear in a Wind Turbine Mounted on a Hill with Linear Approach. , 2014, , .		24
9	Modeling of flicker in wind turbine on a green building due to vertical wind shear. , 2014, , .		23
10	Prediction of power yield from wind turbines for hilly sites. , 2015, , .		21
11	Generating and saving energy by installing wind turbines along the railway tracks. , 2015, , .		12
12	A novel Neem based supercapacitor and its modeling using artificial neural network. , 2015, , .		9
13	Output voltage control scheme for standalone wind energy system. , 2016, , .		4
14	Application of wind rose for wind turbine installation. , 2017, , .		3
15	Laboratory set up for the study of the effect of vertical shear on horizontal axis wind turbine. , 2016, , .		2
16	Study of output parameters of horizontal axis wind turbines using experimental test setup. , 2016, , .		2
17	Impact of vertical wind shear on wind turbine performance. , 2017, , .		2
18	Deicing of wind turbine blade by high frequency dielectric heating fabricating blade as a capacitor. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Ice extraction from wind turbine using flow of hot air through blade. , 2017, , .		2
20	Tree mounted wind turbine. , 2017, , .		2
21	Analysis of voltage flickers using laboratory test set up. , 2016, , .		1
22	Sixth order model of wind turbine voltage flicker considering vertical wind shear. , 2017, , .		1
23	Wind turbine model testing using point source of air to create wind shear. , 2017, , .		1
24	Towers fixing mechanism to create wake effect in a laboratory wind farm model. , 2017, , .		1
25	Adjustable concentric towers to vary tower shadow effect on flicker in wind turbine. , 2017, , .		1
26	Laboratory model of surface roughness to test wind turbine voltage flicker. , 2017, , .		1
27	Ice melting from wind turbine blades using resistive heating. , 2017, , .		1
28	Ice removal from wind turbine using hot water flow through blade. , 2017, , .		1
29	Wind turbine blade fixing mechanism. , 2017, , .		1
30	Ice elimination from wind turbine blade using induction heating. , 2017, , .		1
31	Use of bicycle and gear box for testing of wind generator model. , 2017, , .		1
32	Testing of wind generator models using motor drive. , 2017, , .		1
33	Fabrication of wind turbine from sheep wool. , 2017, , .		1
34	Laboratory test set up to study wind turbine tower models. , 2017, , .		1
35	Green House Management Using Intelligent Sensors and Internet of Things. Lecture Notes in Electrical Engineering, 2021, , 233-241.	0.4	1
36	River Water Pollution Management Utilizingsmart Sensors Along with Internet of Things. Lecture Notes in Electrical Engineering, 2021, , 221-231.	0.4	1

#	Article	IF	Citations
37	Comparison and Suitability of Motors for Propulsion in Electric Vehicles. Lecture Notes in Electrical Engineering, 2021, , 83-89.	0.4	1
38	Enhancing Performance of an Electric Vehicle on Slope Using Supercapacitor. Lecture Notes in Electrical Engineering, 2021, , 91-99.	0.4	1
39	Research test set up for wind turbine models. , 2017, , .		0
40	Wind turbine model testing using all side fans arrangement to create turbulence. , 2017, , .		0