

# Datta S Chavan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/212915/publications.pdf>

Version: 2024-02-01

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  | Green House Management Using Intelligent Sensors and Internet of Things. Lecture Notes in Electrical Engineering, 2021, , 233-241.               | 0.4 | 1         |
| 2  | River Water Pollution Management Utilizingsmart Sensors Along with Internet of Things. Lecture Notes in Electrical Engineering, 2021, , 221-231. | 0.4 | 1         |
| 3  | Comparison and Suitability of Motors for Propulsion in Electric Vehicles. Lecture Notes in Electrical Engineering, 2021, , 83-89.                | 0.4 | 1         |
| 4  | Enhancing Performance of an Electric Vehicle on Slope Using Supercapacitor. Lecture Notes in Electrical Engineering, 2021, , 91-99.              | 0.4 | 1         |
| 5  | Research test set up for wind turbine models. , 2017, , .  |     | 0         |
| 6  | Impact of vertical wind shear on wind turbine performance. , 2017, , .   |     | 2         |
| 7  | Application of wind rose for wind turbine installation. , 2017, , .  |     | 3         |
| 8  | Deicing of wind turbine blade by high frequency dielectric heating fabricating blade as a capacitor. , 2017, , .                                 |     | 2         |
| 9  | Sixth order model of wind turbine voltage flicker considering vertical wind shear. , 2017, , .   |     | 1         |
| 10 | Wind turbine model testing using point source of air to create wind shear. , 2017, , .   |     | 1         |
| 11 | Towers fixing mechanism to create wake effect in a laboratory wind farm model. , 2017, , .   |     | 1         |
| 12 | Adjustable concentric towers to vary tower shadow effect on flicker in wind turbine. , 2017, , .   |     | 1         |
| 13 | Laboratory model of surface roughness to test wind turbine voltage flicker. , 2017, , .  |     | 1         |
| 14 | Ice melting from wind turbine blades using resistive heating. , 2017, , .  |     | 1         |
| 15 | Ice removal from wind turbine using hot water flow through blade. , 2017, , .  |     | 1         |
| 16 | Wind turbine blade fixing mechanism. , 2017, , .   |     | 1         |
| 17 | Ice elimination from wind turbine blade using induction heating. , 2017, , .   |     | 1         |
| 18 | Ice extraction from wind turbine using flow of hot air through blade. , 2017, , .  |     | 2         |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Use of bicycle and gear box for testing of wind generator model. , 2017, , .  |    | 1         |
| 20 | Testing of wind generator models using motor drive. , 2017, , .   |    | 1         |
| 21 | Fabrication of wind turbine from sheep wool. , 2017, , .  |    | 1         |
| 22 | Tree mounted wind turbine. , 2017, , .  |    | 2         |
| 23 | Laboratory test set up to study wind turbine tower models. , 2017, , .  |    | 1         |
| 24 | Wind turbine model testing using all side fans arrangement to create turbulence. , 2017, , .                                      |    | 0         |
| 25 | Laboratory set up for the study of the effect of vertical shear on horizontal axis wind turbine. , 2016, , .                      |    | 2         |
| 26 | Output voltage control scheme for standalone wind energy system. , 2016, , .  |    | 4         |
| 27 | Study of output parameters of horizontal axis wind turbines using experimental test setup. , 2016, , .                            |    | 2         |
| 28 | Analysis of voltage flickers using laboratory test set up. , 2016, , .  |    | 1         |
| 29 | Generating and saving energy by installing wind turbines along the railway tracks. , 2015, , .                                    |    | 12        |
| 30 | Prediction of power yield from wind turbines for hilly sites. , 2015, , .   |    | 21        |
| 31 | A novel Neem based supercapacitor and its modeling using artificial neural network. , 2015, , .                                   |    | 9         |
| 32 | Linear Model of Flicker Due to Vertical Wind Shear for a Turbine Mounted on a Green Building. , 2014, , .                         |    | 26        |
| 33 | Assessment of Flicker Due to Vertical Wind Shear in a Wind Turbine Mounted on a Hill with Linear Approach. , 2014, , .            |    | 24        |
| 34 | Computation of flicker as a result of turbulence in a wind turbine sited on a green building using wind tunnel. , 2014, , .       |    | 28        |
| 35 | Assessment of flicker owing to turbulence in a wind turbine placed on a hill using wind tunnel. , 2014, , .                       |    | 29        |
| 36 | Modeling of flicker due to vertical wind shear initiated by vegetation in a riverside wind turbine using wind tunnel. , 2014, , . |    | 25        |

| #  | ARTICLE  | IF | CITATIONS |
|----|--|----|-----------|
| 37 | Empirical model of flicker due to vertical wind shear instigated by civilization in a seashore wind turbine using wind tunnel. , 2014, , . |    | 27        |
| 38 | Modeling of flicker in wind turbine on a green building due to vertical wind shear. , 2014, , .  |    | 23        |
| 39 | Computation of flicker due to vertical wind shear in a wind turbine sited on a hill using wind tunnel. , 2014, , .                         |    | 25        |
| 40 | Effect of vertical wind shear on flicker in wind farm. , 2013, , .   |    | 32        |