

Kudzanayi Chiteka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8951206/publications.pdf>

Version: 2024-02-01

13
papers

171
citations

1307594

7
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of global horizontal solar irradiance in Zimbabwe using artificial neural networks. <i>Journal of Cleaner Production</i> , 2016, 135, 701-711.	9.3	72
2	CFD Prediction of dust deposition and installation parametric optimisation for soiling mitigation in non-tracking solar PV modules. <i>International Journal of Ambient Energy</i> , 2021, 42, 1307-1320.	2.5	16
3	A method to predict solar photovoltaic soiling using artificial neural networks and multiple linear regression models. <i>Energy Systems</i> , 2020, 11, 981-1002.	3.0	16
4	Influence of irradiance incidence angle and installation configuration on the deposition of dust and dust-shading of a photovoltaic array. <i>Energy</i> , 2021, 216, 119289.	8.8	16
5	A novel approach to Solar PV cleaning frequency optimization for soiling mitigation. <i>Scientific African</i> , 2020, 8, e00459.	1.5	12
6	Numerical investigation of installation and environmental parameters on soiling of roof-mounted solar photovoltaic array. <i>Cogent Engineering</i> , 2019, 6, .	2.2	11
7	Evaluation of a concrete-graphite hybrid mixture for low-cost thermal energy storage material. <i>Cogent Engineering</i> , 2018, 5, 1538490.	2.2	7
8	Optimizing wind barrier and photovoltaic array configuration in soiling mitigation. <i>Renewable Energy</i> , 2021, 163, 225-236.	8.9	7
9	Cleaning cycle optimisation in non-tracking ground mounted solar PV systems using Particle Swarm Optimisation. <i>International Journal for Simulation and Multidisciplinary Design Optimization</i> , 2020, 11, 9.	1.1	5
10	Numerical investigation of soiling of multi-row rooftop solar PV arrays. <i>International Journal of Energy and Environmental Engineering</i> , 2020, 11, 439-458.	2.5	4
11	Development of a solar photovoltaic system sizing application for Zimbabwe. , 2016, , .		2
12	A METHOD TO PREDICT FOULING ON MULTI-STOREY BUILDING MOUNTED SOLAR PHOTOVOLTAIC PANELS: A COMPUTATIONAL FLUID DYNAMICS APPROACH. <i>Journal of Thermal Engineering</i> , 0, , 700-714.	1.6	2
13	A numerical modelling approach for the optimisation of photovoltaic installations in the mitigation of thermal effects. <i>Scientific African</i> , 2022, 16, e01266.	1.5	1