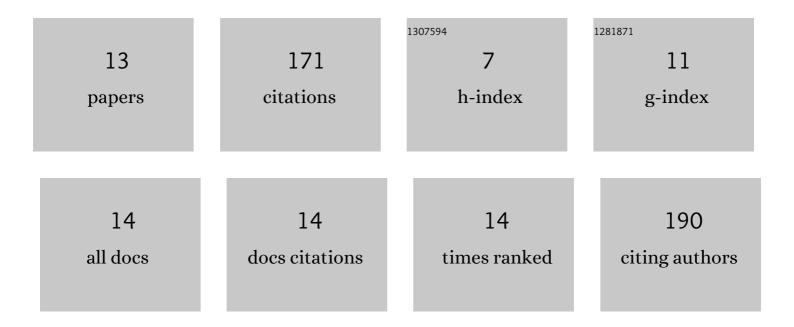
Kudzanayi Chiteka

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8951206/publications.pdf Version: 2024-02-01



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