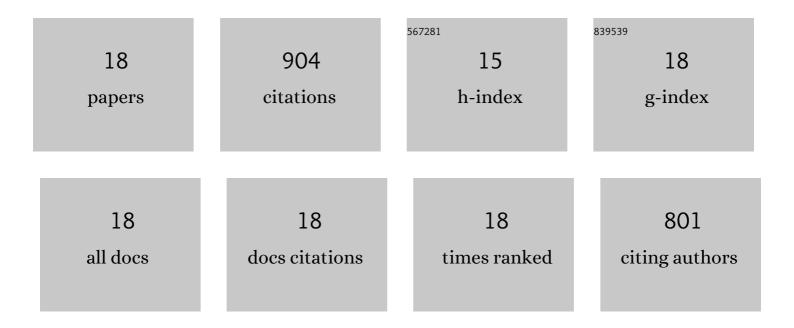
Chiemeka Onyeka Okoye

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Solar energy potentials in strategically located cities in Nigeria: Review, resource assessment and PV system design. Renewable and Sustainable Energy Reviews, 2016, 55, 550-566.	16.4	105
2	Technical and economic assessment of fixed, single and dual-axis tracking PV panels in low latitude countries. Renewable Energy, 2017, 113, 563-579.	8.9	105
3	Optimal sizing of stand-alone photovoltaic systems in residential buildings. Energy, 2017, 126, 573-584.	8.8	81
4	The effect of latitude on the performance of different solar trackers in Europe and Africa. Applied Energy, 2016, 177, 896-906.	10.1	75
5	Economic feasibility of solar PV system for rural electrification in Sub-Sahara Africa. Renewable and Sustainable Energy Reviews, 2018, 82, 2537-2547.	16.4	70
6	Optimal sizing of storage tanks in domestic rainwater harvesting systems: A linear programming approach. Resources, Conservation and Recycling, 2015, 104, 131-140.	10.8	64
7	Manufacturing of carbon black from spent tyre pyrolysis oil – A literature review. Journal of Cleaner Production, 2021, 279, 123336.	9.3	64
8	Technical and economic analysis of wind energy potential in Uzbekistan. Journal of Cleaner Production, 2019, 223, 801-814.	9.3	62
9	A parametric study on the feasibility of solar chimney power plants in North Cyprus conditions. Energy Conversion and Management, 2014, 80, 178-187.	9.2	61
10	The performance and ranking pattern of PV systems incorporated with solar trackers in the northern hemisphere. Renewable and Sustainable Energy Reviews, 2018, 97, 138-151.	16.4	42
11	Evaluating the solar resource potential on different tracking surfaces in Nigeria. Renewable and Sustainable Energy Reviews, 2018, 81, 1569-1581.	16.4	37
12	Performance analysis of a solar chimney power plant for rural areas in Nigeria. Renewable Energy, 2017, 104, 96-108.	8.9	32
13	Assessing the feasibility of wind energy as a power source in Turkmenistan; a major opportunity for Central Asia's energy market. Energy, 2019, 183, 415-427.	8.8	29
14	A new economic feasibility approach for solar chimney power plant design. Energy Conversion and Management, 2016, 126, 1013-1027.	9.2	27
15	An investigation into the preparation of carbon black by partial oxidation of spent tyre pyrolysis oil. Waste Management, 2022, 137, 110-120.	7.4	17
16	Preparation and characterization of carbon black (CB) using heavy residue fraction of spent tyre pyrolysis oil. Journal of Environmental Chemical Engineering, 2021, 9, 106561.	6.7	15
17	The transformation and fate of sulphur during CO2 gasification of a spent tyre pyrolysis char. Proceedings of the Combustion Institute, 2021, 38, 3891-3898.	3.9	11
18	Transformation and fate of sulphur during steam gasification of a spent tyre pyrolysis char. Fuel, 2022, 321, 124091.	6.4	7