

Adewale Odukamaiya

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

481
citations

1307594

7
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Addressing energy storage needs at lower cost <i>via</i> on-site thermal energy storage in buildings. Energy and Environmental Science, 2021, 14, 5315-5329.	30.8	46
2	Rate capability and Ragone plots for phase change thermal energy storage. Nature Energy, 2021, 6, 295-302.	39.5	101
3	Evaluation of phase change plaster/paste composites for building envelopes. Energy and Buildings, 2021, 253, 111372.	6.7	11
4	Materials research and development needs to enable efficient and electrified buildings. MRS Bulletin, 2021, 46, 1176-1186.	3.5	5
5	PART 1- techno-economic analysis of a grid scale Ground-Level Integrated Diverse Energy Storage (GLIDES) technology. Journal of Energy Storage, 2019, 25, 100792.	8.1	9
6	Preliminary analysis of market potential for a hydropneumatic ground-level integrated diverse energy storage system. Applied Energy, 2019, 242, 1237-1247.	10.1	6
7	Allocation and Operation of A Hydropneumatic Energy Storage with Building Microgrid. , 2019, , .		1
8	Experimental and analytical evaluation of a hydro-pneumatic compressed-air Ground-Level Integrated Diverse Energy Storage (GLIDES) system. Applied Energy, 2018, 221, 75-85.	10.1	54
9	The Value of Behind-The-Meter Energy Storage for Buildings: A Case Study on a University Building in South Africa. , 2018, , .		6
10	Geospatial Framework for Estimating Household Electricity Demand for Urban Infrastructure Planning in Select African Countries. , 2018, , .		1
11	An economic analysis of residential photovoltaic systems with lithium ion battery storage in the United States. Renewable and Sustainable Energy Reviews, 2018, 94, 1057-1066.	16.4	101
12	Near-isothermal-isobaric compressed gas energy storage. Journal of Energy Storage, 2017, 12, 276-287.	8.1	35
13	Development of a modeling framework to forecast power demands in developing regions: Proof of concept using Uganda. , 2017, , .		3
14	Thermal analysis of near-isothermal compressed gas energy storage system. Applied Energy, 2016, 179, 948-960.	10.1	97
15	Transient Thermofluids Analysis of a Ground-Level Integrated Diverse Energy Storage (GLIDES) System. , 2015, , .		5