

# Adewale Odukamaiya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6970150/publications.pdf>

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