

Philip Griffiths

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5145665/publications.pdf>

Version: 2024-02-01

24
papers

1,199
citations

686830

13
h-index

676716

22
g-index

25
all docs

25
docs citations

25
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase change materials in building integrated space heating and domestic hot water applications: A review. <i>Journal of Energy Storage</i> , 2022, 54, 105227.	3.9	33
2	Measured wind and morphological characteristics of a peri-urban environment and their impact on the performance of an operational large-scale wind turbine. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 212, 104592.	1.7	7
3	A comparison of four microscale wind flow models in predicting the real-world performance of a large-scale peri-urban wind turbine, using onsite LiDAR wind measurements. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 46, 101323.	1.7	3
4	An assessment of the mesoscale to microscale influences on wind turbine energy performance at a peri-urban coastal location from the Irish wind atlas and onsite LiDAR measurements. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 36, 100537.	1.7	13
5	The Cost of Building to the nearly-Zero Energy Building Standard: A Financial Case Study. <i>Innovative Renewable Energy</i> , 2019, , 71-78.	0.2	3
6	Observed site obstacle impacts on the energy performance of a large scale urban wind turbine using an electrical energy rose. <i>Energy for Sustainable Development</i> , 2018, 43, 23-37.	2.0	19
7	Investigation of nZEB social housing built to the Passive House standard. <i>Energy and Buildings</i> , 2018, 179, 344-359.	3.1	51
8	High density polyethylene spheres with PCM for domestic hot water applications: Water tank and laboratory scale study. <i>Journal of Energy Storage</i> , 2017, 13, 262-267.	3.9	50
9	Thermal energy storage in building integrated thermal systems: A review. Part 1. active storage systems. <i>Renewable Energy</i> , 2016, 88, 526-547.	4.3	230
10	Financial analysis of an installed small scale seasonal thermal energy store. <i>Renewable Energy</i> , 2016, 86, 422-428.	4.3	12
11	Thermal energy storage in building integrated thermal systems: A review. Part 2. Integration as passive system. <i>Renewable Energy</i> , 2016, 85, 1334-1356.	4.3	208
12	Investigation of concentrating and nonconcentrating evacuated tube solar water heaters using 2D particle imaging velocimetry. <i>International Journal of Low-Carbon Technologies</i> , 2015, 10, 283-287.	1.2	0
13	A passive house with seasonal solar energy store: in situ data and numerical modelling. <i>International Journal of Ambient Energy</i> , 2014, 35, 37-50.	1.4	12
14	State of the Irish housing stock – Modelling the heat losses of Ireland's existing detached rural housing stock & estimating the benefit of thermal retrofit measures on this stock. <i>Energy Policy</i> , 2013, 55, 139-151.	4.2	54
15	Microencapsulated phase change slurries for thermal energy storage in a residential solar energy system. <i>Renewable Energy</i> , 2011, 36, 2932-2939.	4.3	72
16	Zero carbon buildings refurbishment – A Hierarchical pathway. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 3229-3236.	8.2	167
17	Social Media use by enrollment management. <i>Cutting-Edge Technologies in Higher Education</i> , 2011, , 49-67.	0.2	5
18	Optimum configuration of compound parabolic concentrator (CPC) solar water heater types for dwellings situated in the northern maritime climate. <i>International Journal of Ambient Energy</i> , 2010, 31, 47-52.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Developing an Integrated Simulation Model to Design a 100% Renewable Building Energy System. , 2010, , .		3
20	Experimental investigation of natural convection heat exchange within a physical model of the manifold chamber of a thermosyphon heat-pipe evacuated tube solar water heater. Solar Energy, 2009, 83, 988-997.	2.9	21
21	Performance of chilled ceiling panels using phase change material slurries as the heat transport medium. Applied Thermal Engineering, 2007, 27, 1756-1760.	3.0	104
22	Thermal behaviour of integrated solar collector/storage unit with 65°C phase change material. Energy Conversion and Management, 2006, 47, 3611-3618.	4.4	42
23	Fabrication of evacuated glazing at low temperature. Solar Energy, 1998, 63, 243-249.	2.9	86
24	Solar-control films. Applied Energy, 1992, 41, 261-284.	5.1	2