

Andrew Wright

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,492
citations

430874

18
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1548
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying trends in the use of domestic appliances from household electricity consumption measurements. <i>Energy and Buildings</i> , 2008, 40, 926-936.	6.7	241
2	Targeting household energy-efficiency measures using sensitivity analysis. <i>Building Research and Information</i> , 2010, 38, 25-41.	3.9	174
3	Central heating thermostat settings and timing: building demographics. <i>Building Research and Information</i> , 2010, 38, 50-69.	3.9	164
4	The nature of domestic electricity-loads and effects of time averaging on statistics and on-site generation calculations. <i>Applied Energy</i> , 2007, 84, 389-403.	10.1	136
5	Micro-encapsulated phase change material (MPCM) slurries: Characterization and building applications. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 246-262.	16.4	91
6	Predicting the diversity of internal temperatures from the English residential sector using panel methods. <i>Applied Energy</i> , 2013, 102, 601-621.	10.1	73
7	Experimental study of a domestic solar-assisted ground source heat pump with seasonal underground thermal energy storage through shallow boreholes. <i>Applied Thermal Engineering</i> , 2019, 162, 114218.	6.0	71
8	What is the relationship between built form and energy use in dwellings?. <i>Energy Policy</i> , 2008, 36, 4544-4547.	8.8	66
9	Dwelling temperatures and comfort during the August 2003 heat wave. <i>Building Services Engineering Research and Technology</i> , 2005, 26, 285-300.	1.8	60
10	Benchmarking acute hospitals: Composite electricity targets based on departmental consumption intensities?. <i>Energy and Buildings</i> , 2016, 118, 277-290.	6.7	43
11	PVT based solar assisted ground source heat pump system: Modelling approach and sensitivity analyses. <i>Solar Energy</i> , 2019, 193, 37-50.	6.1	43
12	Information, communication and entertainment appliance use—Insights from a UK household study. <i>Energy and Buildings</i> , 2012, 54, 61-72.	6.7	42
13	Longitudinal analysis of energy metering data from non-domestic buildings. <i>Building Research and Information</i> , 2010, 38, 80-91.	3.9	30
14	Concepts for dynamic modelling of energy-related flows in manufacturing. <i>Applied Energy</i> , 2013, 112, 1342-1348.	10.1	30
15	Public attitudes to personal carbon allowances: findings from a mixed-method study. <i>Climate Policy</i> , 2010, 10, 385-409.	5.1	29
16	A comparison of analytical and numerical model predictions of shallow soil temperature variation with experimental measurements. <i>Geothermics</i> , 2018, 76, 38-49.	3.4	26
17	An investigation into overheating in social housing dwellings in central England. <i>Building and Environment</i> , 2020, 176, 106814.	6.9	26
18	Local climate policy: Lessons from a case study of transfer of expertise between UK local authorities. <i>Sustainable Cities and Society</i> , 2012, 5, 87-95.	10.4	19

#	ARTICLE	IF	CITATIONS
19	Keeping Cool in the Desert: Using Wind Catchers for Improved Thermal Comfort and Indoor Air Quality at Half the Energy. Buildings, 2021, 11, 100.	3.1	19
20	Energy and economic evaluation of a solar assisted ground source heat pump system for a north Mediterranean city. Energy and Buildings, 2021, 231, 110640.	6.7	17
21	Retrofitting Homes for Energy Efficiency: An Integrated Approach to Innovation in the Low-Carbon Overhaul of Uk Social Housing. Energy and Environment, 2012, 23, 1027-1055.	4.6	14
22	Exergy-based control of electricity demand and microgeneration. Applied Energy, 2007, 84, 239-253.	10.1	13
23	Evidence for climate change relevant to building design in the UK, 1976â€“2000. Building Services Engineering Research and Technology, 2002, 23, 279-285.	1.8	10
24	Energy, economic and emission assessment of a solar assisted shallow earth borehole field heat pump system for domestic space heating in a north European climate. Geothermics, 2021, 95, 102159.	3.4	10
25	Review Paper: Building simulation and building representation: Overview of current developments. Building Services Engineering Research and Technology, 1992, 13, 1-11.	1.8	9
26	Factory Modelling: Combining Energy Modelling for Buildings and Production Systems. IFIP Advances in Information and Communication Technology, 2013, , 158-165.	0.7	9
27	Energy flow management of a hybrid renewable energy system with hydrogen. , 2010, , .		7
28	Home energy efficiency grants and advice: findings from the English Midlands. Local Environment, 2010, 15, 403-417.	2.4	6
29	New approaches to gathering, analysis and interpretation of half hourly energy metering data from buildings. International Journal of Low-Carbon Technologies, 2007, 2, 80-96.	2.6	5
30	Effects of Future Climate Change and Adaptation Measures on Summer Comfort of Modern Homes across the Regions of the UK. Energies, 2022, 15, 512.	3.1	5
31	The potential for the Passive House standard in Longyearbyen â€“ the High Arctic. Building Services Engineering Research and Technology, 2021, 42, 307-325.	1.8	4
32	Small power and lighting load time series data for 27 departments across 8 UK hospitals. Data in Brief, 2016, 7, 1070-1072.	1.0	0