

# Andrew Wright

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2767133/publications.pdf>

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	Effects of Future Climate Change and Adaptation Measures on Summer Comfort of Modern Homes across the Regions of the UK. <i>Energies</i> , 2022, 15, 512.	3.1	5
2	Energy and economic evaluation of a solar assisted ground source heat pump system for a north Mediterranean city. <i>Energy and Buildings</i> , 2021, 231, 110640.	6.7	17
3	Keeping Cool in the Desert: Using Wind Catchers for Improved Thermal Comfort and Indoor Air Quality at Half the Energy. <i>Buildings</i> , 2021, 11, 100.	3.1	19
4	The potential for the Passive House standard in Longyearbyen – the High Arctic. <i>Building Services Engineering Research and Technology</i> , 2021, 42, 307-325.	1.8	4
5	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. <i>Geothermics</i> , 2021, 95, 102159.	3.4	10
6	An investigation into overheating in social housing dwellings in central England. <i>Building and Environment</i> , 2020, 176, 106814.	6.9	26
7	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
8	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
9	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
10	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
11	Small power and lighting load time series data for 27 departments across 8 UK hospitals. <i>Data in Brief</i> , 2016, 7, 1070-1072.	1.0	0
12	Benchmarking acute hospitals: Composite electricity targets based on departmental consumption intensities?. <i>Energy and Buildings</i> , 2016, 118, 277-290.	6.7	43
13	Concepts for dynamic modelling of energy-related flows in manufacturing. <i>Applied Energy</i> , 2013, 112, 1342-1348.	10.1	30
14	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
15	Factory Modelling: Combining Energy Modelling for Buildings and Production Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2013, , 158-165.	0.7	9
16	Retrofitting Homes for Energy Efficiency: An Integrated Approach to Innovation in the Low-Carbon Overhaul of Uk Social Housing. <i>Energy and Environment</i> , 2012, 23, 1027-1055.	4.6	14
17	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
18	Information, communication and entertainment appliance use – Insights from a UK household study. <i>Energy and Buildings</i> , 2012, 54, 61-72.	6.7	42

#	ARTICLE	IF	CITATIONS
19	Longitudinal analysis of energy metering data from non-domestic buildings. Building Research and Information, 2010, 38, 80-91.	3.9	30
20	Home energy efficiency grants and advice: findings from the English Midlands. Local Environment, 2010, 15, 403-417.	2.4	6
21	Energy flow management of a hybrid renewable energy system with hydrogen. , 2010, , .		7
22	Central heating thermostat settings and timing: building demographics. Building Research and Information, 2010, 38, 50-69.	3.9	164
23	Targeting household energy-efficiency measures using sensitivity analysis. Building Research and Information, 2010, 38, 25-41.	3.9	174
24	Public attitudes to personal carbon allowances: findings from a mixed-method study. Climate Policy, 2010, 10, 385-409.	5.1	29
25	What is the relationship between built form and energy use in dwellings?. Energy Policy, 2008, 36, 4544-4547.	8.8	66
26	Identifying trends in the use of domestic appliances from household electricity consumption measurements. Energy and Buildings, 2008, 40, 926-936.	6.7	241
27	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
28	The nature of domestic electricity-loads and effects of time averaging on statistics and on-site generation calculations. Applied Energy, 2007, 84, 389-403.	10.1	136
29	Exergy-based control of electricity demand and microgeneration. Applied Energy, 2007, 84, 239-253.	10.1	13
30	Dwelling temperatures and comfort during the August 2003 heat wave. Building Services Engineering Research and Technology, 2005, 26, 285-300.	1.8	60
31	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
32	Review Paper: Building simulation and building representation: Overview of current developments. Building Services Engineering Research and Technology, 1992, 13, 1-11.	1.8	9