Tadeusz Oreszczyn

List of Publications by Year in Descending Order

77 papers	5,651 citations	29 h-index	75 g-index
84 ext. papers	7,548 ext. citations	10.4 avg, IF	5.35 L-index

#	Paper	IF	Citations
77	Explaining daily energy demand in British housing using linked smart meter and socio-technical data in a bottom-up statistical model. *Energy and Buildings*, **2022**, 258, 111845	7	2
76	The relationship between the built environment and subjective wellbeing Analysis of cross-sectional data from the English Housing Survey. *Journal of Environmental Psychology*, **2022**, 80, 101763	6.7	0
75	Survey study on energy use in UK homes during Covid-19. *Buildings and Cities*, **2021**, 2, 952	3.3	1
74	The SERL Observatory Dataset: Longitudinal Smart Meter Electricity and Gas Data, Survey, EPC and Climate Data for over 13,000 Households in Great Britain. *Energies*, **2021**, 14, 6934	3.1	2
73	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. *Lancet, The*, **2021**, 398, 1619-1662	40	90
72	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. *Lancet, The*, **2021**, 397, 129-170	40	364
71	Health care's response to climate change: a carbon footprint assessment of the NHS in England. *Lancet Planetary Health, The*, **2021**, 5, e84-e92	9.8	58
70	An empirical investigation of domestic energy data visualizations. *International Journal of Human Computer Studies*, **2021**, 152, 102660	4.6	3
69	Creating Domestic Building Thermal Performance Ratings Using Smart Meter Data. *Buildings and Cities*, **2020**, 1, 1-13	3.3	5
68	The associations between thermal variety and health: Implications for space heating energy use. *PLoS ONE*, **2020**, 15, e0236116	3.7	1
67	The associations between thermal variety and health: Implications for space heating energy use **2020**, 15, e0236116		
66	The associations between thermal variety and health: Implications for space heating energy use **2020**, 15, e0236116		
65	The associations between thermal variety and health: Implications for space heating energy use **2020**, 15, e0236116		
64	The associations between thermal variety and health: Implications for space heating energy use **2020**, 15, e0236116		
63	Determinants of winter indoor temperatures below the threshold for healthy living in England. *Energy and Buildings*, **2019**, 202, 109399	7	4
62	Empirical and modelled energy performance in Kuwaiti villas: Understanding the social and physical factors that influence energy use. *Energy and Buildings*, **2019**, 188-189, 252-268	7	5
61	Space heating operation of combination boilers in the UK: The case for addressing real-world boiler performance. *Building Services Engineering Research and Technology*, **2019**, 40, 75-92	2.3	3

60	Domestic demand-side response with heat pumps: controls and tariffs. *Building Research and Information*, **2019**, 47, 344-361	4.3	19
59	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. *Lancet, The*, **2019**, 394, 1836-1878	40	506
58	Quantifying the Measurement Error on England and Wales EPC Ratings. *Energies*, **2019**, 12, 3523	3.1	10
57	Deconstruct: A scalable method of as-built heat power loss coefficient inference for UK dwellings using smart meter data. *Energy and Buildings*, **2019**, 183, 443-453	7	13
56	Understanding energy demand in Kuwaiti villas: Findings from a quantitative household survey. *Energy and Buildings*, **2018**, 165, 379-389	7	13
55	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. *Lancet, The*, **2018**, 391, 581-630	40	521
54	Does data visualization affect users□understanding of electricity consumption?. *Building Research and Information*, **2018**, 46, 238-250	4.3	16
53	Socio-technical case study method in building performance evaluation. *Building Research and Information*, **2018**, 46, 469-484	4.3	33
52	Possible future impacts of elevated levels of atmospheric CO2 on human cognitive performance and on the design and operation of ventilation systems in buildings. *Building Services Engineering Research and Technology*, **2018**, 39, 698-711	2.3	7
51	Watts your usage? A field study of householders□literacy for residential electricity data. *Energy Efficiency*, **2018**, 11, 1703-1719	3	12
50	Comparison of indoor temperatures of homes with recommended temperatures and effects of disability and age: an observational, cross-sectional study. *BMJ Open*, **2018**, 8, e021085	3	9
49	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. *Lancet, The*, **2018**, 392, 2479-2514	40	383
48	Using epidemiological methods in energy and buildings research to achieve carbon emission targets. *Energy and Buildings*, **2017**, 154, 188-197	7	15
47	The Lancet Countdown: tracking progress on health and climate change. *Lancet, The*, **2017**, 389, 1151-1164	40	218
46	Understanding electricity consumption: A comparative contribution of building factors, socio-demographics, appliances, behaviours and attitudes. *Applied Energy*, **2016**, 177, 692-702	10.7	134
45	The Importance of Heating System Transient Response in Domestic Energy Labelling. *Buildings*, **2016**, 6, 29	3.2	8
44	Energy efficiency uptake and energy savings in English houses: A cohort study. *Energy and Buildings*, **2016**, 118, 259-276	7	40
43	Health and climate change: policy responses to protect public health. *Lancet, The*, **2015**, 386, 1861-914	40	932

42	Co-benefits of Energy and Buildings Data: The Case For supporting Data Access to Achieve a Sustainable Built Environment. *Procedia Engineering*, **2015**, 118, 958-968		7
41	Solid-wall U-values: heat flux measurements compared with standard assumptions. *Building Research and Information*, **2015**, 43, 238-252	4.3	80
40	Explaining domestic energy consumption The comparative contribution of building factors, socio-demographics, behaviours and attitudes. *Applied Energy*, **2015**, 159, 589-600	10.7	143
39	Determining the impact of regulatory policy on UK gas use using Bayesian analysis on publicly available data. *Energy Policy*, **2015**, 86, 770-783	7.2	11
38	Inferring the thermal resistance and effective thermal mass of a wall using frequent temperature and heat flux measurements. *Energy and Buildings*, **2014**, 78, 10-16	7	82
37	Uptake of energy efficiency interventions in English dwellings. *Building Research and Information*, **2014**, 42, 255-275	4.3	41
36	Key factors determining the energy rating of existing English houses. *Building Research and Information*, **2014**, 42, 725-738	4.3	14
35	Energy epidemiology: a new approach to end-use energy demand research. *Building Research and Information*, **2013**, 41, 482-497	4.3	41
34	Assessing impacts of summertime overheating: some adaptation strategies. *Building Research and Information*, **2013**, 41, 652-661	4.3	27
33	The unintended consequences of decarbonising the built environment: A UK case study. *Energy and Buildings*, **2012**, 46, 80-85	7	66
32	Future Energy Demand and Energy Security. *Qscience Proceedings*, **2012**, 2012, 4		1
31	Application of a transient hygrothermal population model for house dust mites in beds: assessment of control strategies in UK buildings. *Journal of Building Performance Simulation*, **2011**, 4, 285-300	2.8	8
30	The impact of housing energy efficiency improvements on reduced exposure to cold The emperature take back factor *Building Services Engineering Research and Technology*, **2011**, 32, 85-98	2.3	24
29	Challenges for energy and buildings research: objectives, methods and funding mechanisms. *Building Research and Information*, **2010**, 38, 107-122	4.3	64
28	Two models for benchmarking UK domestic delivered energy. *Building Research and Information*, **2010**, 38, 12-24	4.3	47
27	Changes in energy demand from low-energy homes. *Building Research and Information*, **2010**, 38, 42-49	4.3	25
26	Guidelines to Avoid Mould Growth in Buildings. *Advances in Building Energy Research*, **2009**, 3, 221-235	1.8	14
25	A field study of thermal comfort in low-income dwellings in England before and after energy efficient refurbishment. *Building and Environment*, **2009**, 44, 1228-1236	6.5	129

24	Public health benefits of strategies to reduce greenhouse-gas emissions: household energy. *Lancet, The*, **2009**, 374, 1917-29	40	491
23	A methodology for post-occupancy evaluation of ventilation rates in schools. *Building Services Engineering Research and Technology*, **2009**, 30, 143-152	2.3	19
22	Strategies for the modification of the urban climate and the consequent impact on building energy use. *Energy Policy*, **2008**, 36, 4548-4551	7.2	51
21	Regulatory standards and barriers to improved performance for housing. *Energy Policy*, **2008**, 36, 4475-4481	7.2	52
20	How to support growth with less energy. *Energy Policy*, **2008**, 36, 4592-4599	7.2	24
19	Milton Keynes Energy Park revisited: Changes in internal temperatures and energy usage. *Energy and Buildings*, **2007**, 39, 783-791	7	76
18	Predicting the population dynamics of the house dust mite Dermatophagoides pteronyssinus (Acari: Pyroglyphidae) in response to a constant hygrothermal environment using a model of the mite life cycle. *Experimental and Applied Acarology*, **2007**, 41, 61-86	2.1	8
17	Reproduction and development of laboratory and wild house dust mites (Acari: Pyroglyphidae) and their relationship to the natural dust ecosystem. *Journal of Medical Entomology*, **2007**, 44, 568-74	2.2	8
16	The psychrometric control of house dust mites: a pilot study. *Building Services Engineering Research and Technology*, **2007**, 28, 347-356	2.3	
15	Energy, energy efficiency, and the built environment. *Lancet, The*, **2007**, 370, 1175-87	40	105
14	Can we improve the identification of cold homes for targeted home energy-efficiency improvements?. *Applied Energy*, **2006**, 83, 1198-1209	10.7	28
13	Mould and Winter Indoor Relative Humidity in Low Income Households in England. *Indoor and Built Environment*, **2006**, 15, 125-135	1.8	53
12	Condensation risk: comparison of steady-state and transient methods. *Building Services Engineering Research and Technology*, **2006**, 27, 219-233	2.3	10
11	Determinants of winter indoor temperatures in low income households in England. *Energy and Buildings*, **2006**, 38, 245-252	7	144
10	The impact of energy efficient refurbishment on the space heating fuel consumption in English dwellings. *Energy and Buildings*, **2006**, 38, 1171-1181	7	143
9	A simple model for predicting the effect of hygrothermal conditions on populations of house dust mite Dermatophagoides pteronyssinus (Acari: Pyroglyphidae). *Experimental and Applied Acarology*, **2006**, 39, 127-48	2.1	16
8	A steady-state model for predicting hygrothermal conditions in beds in relation to house dust mite requirements. *Building Services Engineering Research and Technology*, **2005**, 26, 301-314	2.3	5
7	Architects need environmental feedback. *Building Research and Information*, **2004**, 32, 313-328	4.3	21

6	Our Innate Ability to Think of New Ways to Use Energy. *Energy and Environment*, **2004**, 15, 1011-1014	2.4	2
5	The Nottingham energy, health and housing study: reducing relative humidity, dust mites and asthma. *Building Services Engineering Research and Technology*, **2002**, 23, 43-55	2.3	8
4	Occupant control of passive systems: the use of Venetian blinds. *Building and Environment*, **2001**, 36, 149-155	6.5	118
3	Comparison of zero testing with conventional testing for flat-plate air-heating solar collectors. *Applied Energy*, **1987**, 28, 11-17	10.7	
2	A transient test method applied to air heating collectors. *Solar Energy*, **1987**, 38, 425-430	6.8	3
1	Diurnal efficiency at mid latitudes of solar collectors with various thermal capacitances. *Applied Energy*, **1986**, 22, 107-117	10.7	2