

Steven K Firth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/436168/publications.pdf>

Version: 2024-02-01

21
papers

1,829
citations

471061

17
h-index

713013

21
g-index

21
all docs

21
docs citations

21
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Current practices and infrastructure for open data based research on occupant-centric design and operation of buildings. Building and Environment, 2020, 177, 106848.	3.0	23
2	Impact of occupant behaviour on the energy-saving potential of retrofit measures for a public building in the UK. Intelligent Buildings International, 2017, 9, 97-106.	1.3	16
3	Occupant behaviour modelling in domestic buildings: the case of household electrical appliances. Journal of Building Performance Simulation, 2017, 10, 582-600.	1.0	34
4	Measurement and analysis of household carbon: The case of a UK city. Applied Energy, 2016, 164, 871-881.	5.1	39
5	Challenges for capturing and assessing initial embodied energy: a contractor's perspective. Construction Management and Economics, 2014, 32, 290-308.	1.8	43
6	The potential for bioenergy crops to contribute to meeting GB heat and electricity demands. GCB Bioenergy, 2014, 6, 136-141.	2.5	29
7	Spatial mapping of building energy demand in Great Britain. GCB Bioenergy, 2014, 6, 123-135.	2.5	19
8	Significant Contribution of Energy Crops to Heat and Electricity Needs in Great Britain to 2050. Bioenergy Research, 2014, 7, 919-926.	2.2	2
9	Context, control and the spillover of energy use behaviours between office and home settings. Journal of Environmental Psychology, 2014, 40, 157-166.	2.3	89
10	Who rebounds most? Estimating direct and indirect rebound effects for different UK socioeconomic groups. Ecological Economics, 2014, 106, 12-32.	2.9	192
11	Embodied and operational energy for new-build housing: A case study of construction methods in the UK. Energy and Buildings, 2013, 67, 479-488.	3.1	127
12	Turning lights into flights: Estimating direct and indirect rebound effects for UK households. Energy Policy, 2013, 55, 234-250.	4.2	193
13	On-site energy management challenges and opportunities: a contractor's perspective. Building Research and Information, 2013, 41, 450-468.	2.0	18
14	Information, communication and entertainment appliance use—Insights from a UK household study. Energy and Buildings, 2012, 54, 61-72.	3.1	42
15	Life-cycle assessment of a 100% solar fraction thermal supply to a European apartment building using water-based sensible heat storage. Energy and Buildings, 2011, 43, 1231-1240.	3.1	46
16	A simple model of PV system performance and its use in fault detection. Solar Energy, 2010, 84, 624-635.	2.9	201
17	Central heating thermostat settings and timing: building demographics. Building Research and Information, 2010, 38, 50-69.	2.0	164
18	Targeting household energy-efficiency measures using sensitivity analysis. Building Research and Information, 2010, 38, 25-41.	2.0	174

#	ARTICLE	IF	CITATIONS
19	Identifying trends in the use of domestic appliances from household electricity consumption measurements. <i>Energy and Buildings</i> , 2008, 40, 926-936.	3.1	241
20	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.	5.1	136
21	UK photovoltaic field trialsâ€™ observations on buildability. <i>International Journal of Ambient Energy</i> , 2004, 25, 5-11.	1.4	1