

Steven K Firth

List of Publications by Year in descending order

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

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21
papers

1,829
citations

471509

17
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

2091
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	A simple model of PV system performance and its use in fault detection. <i>Solar Energy</i> , 2010, 84, 624-635.	6.1	201
3	Turning lights into flights: Estimating direct and indirect rebound effects for UK households. <i>Energy Policy</i> , 2013, 55, 234-250.	8.8	193
4	Who rebounds most? Estimating direct and indirect rebound effects for different UK socioeconomic groups. <i>Ecological Economics</i> , 2014, 106, 12-32.	5.7	192
5	Targeting household energy-efficiency measures using sensitivity analysis. <i>Building Research and Information</i> , 2010, 38, 25-41.	3.9	174
6	Central heating thermostat settings and timing: building demographics. <i>Building Research and Information</i> , 2010, 38, 50-69.	3.9	164
7	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
8	Embodied and operational energy for new-build housing: A case study of construction methods in the UK. <i>Energy and Buildings</i> , 2013, 67, 479-488.	6.7	127
9	Context, control and the spillover of energy use behaviours between office and home settings. <i>Journal of Environmental Psychology</i> , 2014, 40, 157-166.	5.1	89
10	Life-cycle assessment of a 100% solar fraction thermal supply to a European apartment building using water-based sensible heat storage. <i>Energy and Buildings</i> , 2011, 43, 1231-1240.	6.7	46
11	Challenges for capturing and assessing initial embodied energy: a contractor's perspective. <i>Construction Management and Economics</i> , 2014, 32, 290-308.	3.0	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	Measurement and analysis of household carbon: The case of a UK city. <i>Applied Energy</i> , 2016, 164, 871-881.	10.1	39
14	Occupant behaviour modelling in domestic buildings: the case of household electrical appliances. <i>Journal of Building Performance Simulation</i> , 2017, 10, 582-600.	2.0	34
15	The potential for bioenergy crops to contribute to meeting GB heat and electricity demands. <i>GCB Bioenergy</i> , 2014, 6, 136-141.	5.6	29
16	Current practices and infrastructure for open data based research on occupant-centric design and operation of buildings. <i>Building and Environment</i> , 2020, 177, 106848.	6.9	23
17	Spatial mapping of building energy demand in Great Britain. <i>GCB Bioenergy</i> , 2014, 6, 123-135.	5.6	19
18	On-site energy management challenges and opportunities: a contractor's perspective. <i>Building Research and Information</i> , 2013, 41, 450-468.	3.9	18

#	ARTICLE	IF	CITATIONS
19	Impact of occupant behaviour on the energy-saving potential of retrofit measures for a public building in the UK. <i>Intelligent Buildings International</i> , 2017, 9, 97-106.	2.3	16
20	Significant Contribution of Energy Crops to Heat and Electricity Needs in Great Britain to 2050. <i>Bioenergy Research</i> , 2014, 7, 919-926.	3.9	2
21	UK photovoltaic field trialsâ€™ observations on buildability. <i>International Journal of Ambient Energy</i> , 2004, 25, 5-11.	2.5	1