# 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 | 1,829 | 471509 | 713466 |
|---|---|---|---|
| papers | citations | 17 h-index | 21 g-index |

| 21 | 21 | 21 | 2091 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 6.9 | 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. | 2.3 | 16 |
| 3 | Occupant behaviour modelling in domestic buildings: the case of household electrical appliances. Journal of Building Performance Simulation, 2017, 10, 582-600. | 2.0 | 34 |
| 4 | Measurement and analysis of household carbon: The case of a UK city. Applied Energy, 2016, 164, 871-881. | 10.1 | 39 |
| 5 | Challenges for capturing and assessing initial embodied energy: a contractorâ€™s perspective. Construction Management and Economics, 2014, 32, 290-308. | 3.0 | 43 |
| 6 | The potential for bioenergy crops to contribute to meeting GB heat and electricity demands. GCB Bioenergy, 2014, 6, 136-141. | 5.6 | 29 |
| 7 | Spatial mapping of building energy demand in <scp>G</scp>reat <scp>B</scp>ritain. GCB Bioenergy, 2014, 6, 123-135. | 5.6 | 19 |
| 8 | Significant Contribution of Energy Crops to Heat and Electricity Needs in Great Britain to 2050. Bioenergy Research, 2014, 7, 919-926. | 3.9 | 2 |
| 9 | Context, control and the spillover of energy use behaviours between office and home settings. Journal of Environmental Psychology, 2014, 40, 157-166. | 5.1 | 89 |
| 10 | Who rebounds most? Estimating direct and indirect rebound effects for different UK socioeconomic groups. Ecological Economics, 2014, 106, 12-32. | 5.7 | 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. | 6.7 | 127 |
| 12 | Turning lights into flights: Estimating direct and indirect rebound effects for UK households. Energy Policy, 2013, 55, 234-250. | 8.8 | 193 |
| 13 | On-site energy management challenges and opportunities: a contractor's perspective. Building Research and Information, 2013, 41, 450-468. | 3.9 | 18 |
| 14 | Information, communication and entertainment appliance useâ€”Insights from a UK household study. Energy and Buildings, 2012, 54, 61-72. | 6.7 | 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. | 6.7 | 46 |
| 16 | A simple model of PV system performance and its use in fault detection. Solar Energy, 2010, 84, 624-635. | 6.1 | 201 |
| 17 | Central heating thermostat settings and timing: building demographics. Building Research and Information, 2010, 38, 50-69. | 3.9 | 164 |
| 18 | Targeting household energy-efficiency measures using sensitivity analysis. Building Research and Information, 2010, 38, 25-41. | 3.9 | 174 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Identifying trends in the use of domestic appliances from household electricity consumption measurements. Energy and Buildings, 2008, 40, 926-936. | 6.7 | 241 |
| 20 | 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 |
| 21 | UK photovoltaic field trialsâ€"observations on buildability. International Journal of Ambient Energy, 2004, 25, 5-11. | 2.5 | 1 |