

Ian A Ridley

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

2,419
citations

20
h-index

37
g-index

37
ext. papers

2,744
ext. citations

6.9
avg, IF

4.69
L-index

#	Paper	IF	Citations
37	Effects of Neighboring Units on the Estimation of Particle Penetration Factor in a Modeled Indoor Environment. <i>Urban Science</i> , 2021 , 5, 2	2.2	1
36	Profiling Airborne Microbiota in Mechanically Ventilated Buildings Across Seasons in Hong Kong Reveals Higher Metabolic Activity in Low-Abundance Bacteria. <i>Environmental Science & Technology</i> , 2021 , 55, 249-259	10.3	6
35	Air Change in Low and High-Rise Apartments. <i>Urban Science</i> , 2020 , 4, 25	2.2	7
34	Verification of behavioural models of window opening: The accuracy of window-use pattern, indoor temperature and indoor PM2.5 concentration prediction. <i>Building Simulation</i> , 2020 , 13, 527-542	3.9	6
33	Airborne Bacteria in Outdoor Air and Air of Mechanically Ventilated Buildings at City Scale in Hong Kong across Seasons. <i>Environmental Science & Technology</i> , 2020 , 54, 11732-11743	10.3	10
32	Understanding the contextual influences of the health outcomes of residential energy efficiency interventions: realist review. <i>Housing Studies</i> , 2020 , 35, 1-28	1.5	5
31	Addressing health and equity in residential low carbon transitions – Insights from a pragmatic retrofit evaluation in Australia. <i>Energy Research and Social Science</i> , 2019 , 53, 68-84	7.7	17
30	Dwelling performance and adaptive summer comfort in low-income Australian households. <i>Building Research and Information</i> , 2017 , 45, 443-456	4.3	29
29	Variation of Thermochromic Glazing Systems Transition Temperature, Hysteresis Gradient and Width Effect on Energy Efficiency. <i>Buildings</i> , 2016 , 6, 22	3.2	12
28	The effect of variation in the transition hysteresis width and gradient in thermochromic glazing systems. <i>Solar Energy Materials and Solar Cells</i> , 2015 , 140, 253-265	6.4	21
27	Towards explaining the health impacts of residential energy efficiency interventions - A realist review. Part 1: Pathways. <i>Social Science and Medicine</i> , 2015 , 133, 191-201	5.1	46
26	The side by side in use monitored performance of two passive and low carbon Welsh houses. <i>Energy and Buildings</i> , 2014 , 82, 13-26	7	48
25	Home energy efficiency and radon related risk of lung cancer: modelling study. <i>BMJ, The</i> , 2014 , 348, f7493	39	71
24	The effect of transition gradient in thermochromic glazing systems. <i>Energy and Buildings</i> , 2014 , 77, 80-90	7	39
23	Multi-objective methods for determining optimal ventilation rates in dwellings. <i>Building and Environment</i> , 2013 , 66, 72-81	6.5	28
22	Synthesis and energy modelling studies of titanium oxy-nitride films as energy efficient glazing. <i>Solar Energy Materials and Solar Cells</i> , 2013 , 118, 149-156	6.4	10
21	Thermochromic vanadium dioxide thin films from electric field assisted aerosol assisted chemical vapour deposition. <i>Surface and Coatings Technology</i> , 2013 , 230, 163-167	4.4	16

20	The monitored performance of the first new London dwelling certified to the Passive House standard. <i>Energy and Buildings</i> , 2013 , 63, 67-78	7	62
19	Using building simulation to model the drying of flooded building archetypes. <i>Journal of Building Performance Simulation</i> , 2013 , 6, 119-140	2.8	4
18	The Effect of Party Wall Permeability on Estimations of Infiltration from Air Leakage. <i>International Journal of Ventilation</i> , 2013 , 12, 17-30	1.1	19
17	Climate change mitigation strategies for mechanically controlled repositories: The case of The National Archives, Kew. <i>Atmospheric Environment</i> , 2012 , 49, 163-170	5.3	10
16	Shaping cities for health: complexity and the planning of urban environments in the 21st century. <i>Lancet, The</i> , 2012 , 379, 2079-108	40	446
15	The potential of increasing cooling set-points in air-conditioned offices in the UK. <i>Applied Energy</i> , 2012 , 94, 338-348	10.7	25
14	Flood management: prediction of microbial contamination in large-scale floods in urban environments. <i>Environment International</i> , 2011 , 37, 1019-29	12.9	59
13	Fluorine doped vanadium dioxide thin films for smart windows. <i>Thin Solid Films</i> , 2011 , 520, 1363-1366	2.2	69
12	Application of a transient hygrothermal population model for house dust mites in beds: assessment of control strategies in UK buildings. <i>Journal of Building Performance Simulation</i> , 2011 , 4, 285-300	2.8	8
11	Electric fields in the chemical vapour deposition growth of vanadium dioxide thin films. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 8158-62	1.3	18
10	Nano-composite thermochromic thin films and their application in energy-efficient glazing. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 141-151	6.4	93
9	Energy modelling studies of thermochromic glazing. <i>Energy and Buildings</i> , 2010 , 42, 1666-1673	7	159
8	A field study of thermal comfort in low-income dwellings in England before and after energy efficient refurbishment. <i>Building and Environment</i> , 2009 , 44, 1228-1236	6.5	129
7	The significance of the anthropogenic heat emissions of London buildings: A comparison against captured shortwave solar radiation. <i>Building and Environment</i> , 2009 , 44, 807-817	6.5	91
6	Public health benefits of strategies to reduce greenhouse-gas emissions: household energy. <i>Lancet, The</i> , 2009 , 374, 1917-29	40	491
5	Predicting the population dynamics of the house dust mite <i>Dermatophagoides pteronyssinus</i> (Acari: Pyroglyphidae) in response to a constant hygrothermal environment using a model of the mite life cycle. <i>Experimental and Applied Acarology</i> , 2007 , 41, 61-86	2.1	8
4	Mould and Winter Indoor Relative Humidity in Low Income Households in England. <i>Indoor and Built Environment</i> , 2006 , 15, 125-135	1.8	53
3	Determinants of winter indoor temperatures in low income households in England. <i>Energy and Buildings</i> , 2006 , 38, 245-252	7	144

2	The impact of energy efficient refurbishment on the space heating fuel consumption in English dwellings. <i>Energy and Buildings</i> , 2006 , 38, 1171-1181	7	143
1	A simple model for predicting the effect of hygrothermal conditions on populations of house dust mite <i>Dermatophagoides pteronyssinus</i> (Acari: Pyroglyphidae). <i>Experimental and Applied Acarology</i> , 2006 , 39, 127-48	2.1	16