

Ian A Ridley

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,985
citations

304368

22
h-index

329751

37
g-index

37
all docs

37
docs citations

37
times ranked

3763
citing authors

#	ARTICLE	IF	CITATIONS
1	Public health benefits of strategies to reduce greenhouse-gas emissions: household energy. <i>Lancet, The</i> , 2009, 374, 1917-1929.	6.3	597
2	Shaping cities for health: complexity and the planning of urban environments in the 21st century. <i>Lancet, The</i> , 2012, 379, 2079-2108.	6.3	596
3	Energy modelling studies of thermochromic glazing. <i>Energy and Buildings</i> , 2010, 42, 1666-1673.	3.1	175
4	The impact of energy efficient refurbishment on the space heating fuel consumption in English dwellings. <i>Energy and Buildings</i> , 2006, 38, 1171-1181.	3.1	169
5	Determinants of winter indoor temperatures in low income households in England. <i>Energy and Buildings</i> , 2006, 38, 245-252.	3.1	168
6	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.	3.0	147
7	The significance of the anthropogenic heat emissions of London's buildings: A comparison against captured shortwave solar radiation. <i>Building and Environment</i> , 2009, 44, 807-817.	3.0	108
8	Nano-composite thermochromic thin films and their application in energy-efficient glazing. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 141-151.	3.0	99
9	Home energy efficiency and radon related risk of lung cancer: modelling study. <i>BMJ, The</i> , 2014, 348, f7493-f7493.	3.0	88
10	Flood management: Prediction of microbial contamination in large-scale floods in urban environments. <i>Environment International</i> , 2011, 37, 1019-1029.	4.8	87
11	The monitored performance of the first new London dwelling certified to the Passive House standard. <i>Energy and Buildings</i> , 2013, 63, 67-78.	3.1	76
12	Fluorine doped vanadium dioxide thin films for smart windows. <i>Thin Solid Films</i> , 2011, 520, 1363-1366.	0.8	74
13	Mould and Winter Indoor Relative Humidity in Low Income Households in England. <i>Indoor and Built Environment</i> , 2006, 15, 125-135.	1.5	60
14	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.	3.1	60
15	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.	1.8	59
16	The effect of transition gradient in thermochromic glazing systems. <i>Energy and Buildings</i> , 2014, 77, 80-90.	3.1	46
17	Dwelling performance and adaptive summer comfort in low-income Australian households. <i>Building Research and Information</i> , 2017, 45, 443-456.	2.0	41
18	The potential of increasing cooling set-points in air-conditioned offices in the UK. <i>Applied Energy</i> , 2012, 94, 338-348.	5.1	34

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19	Multi-objective methods for determining optimal ventilation rates in dwellings. <i>Building and Environment</i> , 2013, 66, 72-81.	3.0	33
20	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.	3.0	31
21	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.	3.0	28
22	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.	4.6	25
23	The Effect of Party Wall Permeability on Estimations of Infiltration from Air Leakage. <i>International Journal of Ventilation</i> , 2013, 12, 17-30.	0.2	22
24	Electric Fields in the Chemical Vapour Deposition Growth of Vanadium Dioxide Thin Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 8158-8162.	0.9	19
25	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, 127-148.	0.7	18
26	Variation of Thermochromic Glazing Systems Transition Temperature, Hysteresis Gradient and Width Effect on Energy Efficiency. <i>Buildings</i> , 2016, 6, 22.	1.4	18
27	Thermochromic vanadium dioxide thin films from electric field assisted aerosol assisted chemical vapour deposition. <i>Surface and Coatings Technology</i> , 2013, 230, 163-167.	2.2	16
28	Climate change mitigation strategies for mechanically controlled repositories: The Case of The National Archives, Kew. <i>Atmospheric Environment</i> , 2012, 49, 163-170.	1.9	13
29	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.	3.0	12
30	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.	3.0	11
31	Understanding the contextual influences of the health outcomes of residential energy efficiency interventions: realist review. <i>Housing Studies</i> , 2020, 35, 1-28.	1.6	11
32	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.	4.6	11
33	Air Change in Low and High-Rise Apartments. <i>Urban Science</i> , 2020, 4, 25.	1.1	10
34	Predicting the population dynamics of the house dust mite <i>Dermatophagoides pteronyssinus</i> (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf cycle. <i>Experimental and Applied Acarology</i> , 2007, 41, 61-86.	0.7	8
35	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.	1.0	8
36	Using building simulation to model the drying of flooded building archetypes. <i>Journal of Building Performance Simulation</i> , 2013, 6, 119-140.	1.0	4

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37	Effects of Neighboring Units on the Estimation of Particle Penetration Factor in a Modeled Indoor Environment. <i>Urban Science</i> , 2021, 5, 2.	1.1	3