

Ian A Ridley

List of Publications by Year in descending order

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37
papers

2,985
citations

304743

22
h-index

330143

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. Lancet, The, 2009, 374, 1917-1929.	13.7	597
2	Shaping cities for health: complexity and the planning of urban environments in the 21st century. Lancet, The, 2012, 379, 2079-2108.	13.7	596
3	Energy modelling studies of thermochromic glazing. Energy and Buildings, 2010, 42, 1666-1673.	6.7	175
4	The impact of energy efficient refurbishment on the space heating fuel consumption in English dwellings. Energy and Buildings, 2006, 38, 1171-1181.	6.7	169
5	Determinants of winter indoor temperatures in low income households in England. Energy and Buildings, 2006, 38, 245-252.	6.7	168
6	A field study of thermal comfort in low-income dwellings in England before and after energy efficient refurbishment. Building and Environment, 2009, 44, 1228-1236.	6.9	147
7	The significance of the anthropogenic heat emissions of London's buildings: A comparison against captured shortwave solar radiation. Building and Environment, 2009, 44, 807-817.	6.9	108
8	Nano-composite thermochromic thin films and their application in energy-efficient glazing. Solar Energy Materials and Solar Cells, 2010, 94, 141-151.	6.2	99
9	Home energy efficiency and radon related risk of lung cancer: modelling study. BMJ, The, 2014, 348, f7493-f7493.	6.0	88
10	Flood management: Prediction of microbial contamination in large-scale floods in urban environments. Environment International, 2011, 37, 1019-1029.	10.0	87
11	The monitored performance of the first new London dwelling certified to the Passive House standard. Energy and Buildings, 2013, 63, 67-78.	6.7	76
12	Fluorine doped vanadium dioxide thin films for smart windows. Thin Solid Films, 2011, 520, 1363-1366.	1.8	74
13	Mould and Winter Indoor Relative Humidity in Low Income Households in England. Indoor and Built Environment, 2006, 15, 125-135.	2.8	60
14	The side by side in use monitored performance of two passive and low carbon Welsh houses. Energy and Buildings, 2014, 82, 13-26.	6.7	60
15	Towards explaining the health impacts of residential energy efficiency interventions – A realist review. Part 1: Pathways. Social Science and Medicine, 2015, 133, 191-201.	3.8	59
16	The effect of transition gradient in thermochromic glazing systems. Energy and Buildings, 2014, 77, 80-90.	6.7	46
17	Dwelling performance and adaptive summer comfort in low-income Australian households. Building Research and Information, 2017, 45, 443-456.	3.9	41
18	The potential of increasing cooling set-points in air-conditioned offices in the UK. Applied Energy, 2012, 94, 338-348.	10.1	34

#	ARTICLE	IF	CITATIONS
19	Multi-objective methods for determining optimal ventilation rates in dwellings. Building and Environment, 2013, 66, 72-81.	6.9	33
20	Addressing health and equity in residential low carbon transitions – Insights from a pragmatic retrofit evaluation in Australia. Energy Research and Social Science, 2019, 53, 68-84.	6.4	31
21	The effect of variation in the transition hysteresis width and gradient in thermochromic glazing systems. Solar Energy Materials and Solar Cells, 2015, 140, 253-265.	6.2	28
22	Airborne Bacteria in Outdoor Air and Air of Mechanically Ventilated Buildings at City Scale in Hong Kong across Seasons. Environmental Science & Technology, 2020, 54, 11732-11743.	10.0	25
23	The Effect of Party Wall Permeability on Estimations of Infiltration from Air Leakage. International Journal of Ventilation, 2013, 12, 17-30.	0.4	22
24	Electric Fields in the Chemical Vapour Deposition Growth of Vanadium Dioxide Thin Films. Journal of Nanoscience and Nanotechnology, 2011, 11, 8158-8162.	0.9	19
25	A simple model for predicting the effect of hygrothermal conditions on populations of house dust mite Dermatophagoides pteronyssinus (Acari: Pyroglyphidae). Experimental and Applied Acarology, 2006, 39, 127-148.	1.6	18
26	Variation of Thermochromic Glazing Systems Transition Temperature, Hysteresis Gradient and Width Effect on Energy Efficiency. Buildings, 2016, 6, 22.	3.1	18
27	Thermochromic vanadium dioxide thin films from electric field assisted aerosol assisted chemical vapour deposition. Surface and Coatings Technology, 2013, 230, 163-167.	4.8	16
28	Climate change mitigation strategies for mechanically controlled repositories: The case of The National Archives, Kew. Atmospheric Environment, 2012, 49, 163-170.	4.1	13
29	Verification of behavioural models of window opening: The accuracy of window-use pattern, indoor temperature and indoor PM2.5 concentration prediction. Building Simulation, 2020, 13, 527-542.	5.6	12
30	Synthesis and energy modelling studies of titanium oxy-nitride films as energy efficient glazing. Solar Energy Materials and Solar Cells, 2013, 118, 149-156.	6.2	11
31	Understanding the contextual influences of the health outcomes of residential energy efficiency interventions: realist review. Housing Studies, 2020, 35, 1-28.	2.4	11
32	Profiling Airborne Microbiota in Mechanically Ventilated Buildings Across Seasons in Hong Kong Reveals Higher Metabolic Activity in Low-Abundance Bacteria. Environmental Science & Technology, 2021, 55, 249-259.	10.0	11
33	Air Change in Low and High-Rise Apartments. Urban Science, 2020, 4, 25.	2.3	10
34	Predicting the population dynamics of the house dust mite Dermatophagoides pteronyssinus (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf cycle. Experimental and Applied Acarology, 2007, 41, 61-86.	1.6	8
35	Application of a transient hygrothermal population model for house dust mites in beds: assessment of control strategies in UK buildings. Journal of Building Performance Simulation, 2011, 4, 285-300.	2.0	8
36	Using building simulation to model the drying of flooded building archetypes. Journal of Building Performance Simulation, 2013, 6, 119-140.	2.0	4

#	ARTICLE	IF	CITATIONS
37	Effects of Neighboring Units on the Estimation of Particle Penetration Factor in a Modeled Indoor Environment. Urban Science, 2021, 5, 2.	2.3	3