Jonathon G Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

69 papers	4,698 citations	249298 26 h-index	134545 62 g-index
75 all docs	75 docs citations	75 times ranked	5654 citing authors

#	Article	IF	Citations
1	Energy Poverty in Finland: Reality and Challenges in the Face of Climate Change. , 2022, , 185-208.		1
2	Evidence of horizontal urban heat advection in London using six years of data from a citizen weather station network. Environmental Research Letters, 2022, 17, 044041.	2.2	10
3	Improving indoor air quality and occupant health through smart control of windows and portable air purifiers in residential buildings. Building Services Engineering Research and Technology, 2022, 43, 571-588.	0.9	5
4	Housing, health and energy: a characterisation of risks and priorities across Delhiâ€™s diverse settlements. Cities and Health, 2021, 5, 298-319.	1.6	2
5	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. Lancet, The, 2021, 397, 129-170.	6.3	1,030
6	Learning and Teaching Interdisciplinary Skills in Sustainable Urban Developmentâ€"The Case of Tampere University, Finland. Sustainability, 2021, 13, 1180.	1.6	9
7	Home Energy Efficiency and Subjective Health in Greater London. Journal of Urban Health, 2021, 98, 362-374.	1.8	9
8	Systemic inequalities in indoor air pollution exposure in London, UK. Buildings and Cities, 2021, 2, 425.	1.1	28
9	The CUSSH programme: learning how to support citiesâ€™ transformational change towards health and sustainability. Wellcome Open Research, 2021, 6, 100.	0.9	3
10	Air Pollution, housing and respiratory tract Infections in Children: National birth Cohort study (PICNIC): study protocol. BMJ Open, 2021, 11, e048038.	0.8	3
11	Estimating spatial variation of moisture risks in English and Welsh dwellings. , 2021, , .		0
12	Impact of COVID-19 lockdown on NO2 and PM2.5 exposure inequalities in London, UK. Environmental Research, 2021, 198, 111236.	3.7	13
13	Skatescape in the Making: Developing Sustainable Urban Pedagogies through Transdisciplinary Education. Sustainability, 2021, 13, 9561.	1.6	3
14	Projecting the impacts of housing on temperature-related mortality in London during typical future years. Energy and Buildings, 2021, 249, 111233.	3.1	6
15	The significance of urban systems on sustainability and public health. Buildings and Cities, 2021, 2, 874-887.	1.1	2
16	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. Lancet, The, 2021, 398, 1619-1662.	6.3	669
17	SARS-CoV-2 testing, infections, and hospital admissions with COVID-19 in children and young people in Scotland: a birth cohort study. Lancet, The, 2021, 398, S45.	6.3	2
18	Improving indoor thermal comfort, air quality and the health of older adults through environmental policies in London. Journal of Physics: Conference Series, 2021, 2069, 012240.	0.3	1

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19	Use of Beta Regression to investigate the link between home air infiltration rate and self-reported health. Journal of Physics: Conference Series, 2021, 2069, 012178.	0.3	0
20	What individual and neighbourhood-level factors increase the risk of heat-related mortality? A case-crossover study of over 185,000 deaths in London using high-resolution climate datasets. Environment International, 2020, 134, 105292.	4.8	52
21	Exposure to indoor air pollution across socio-economic groups in high-income countries: A scoping review of the literature and a modelling methodology. Environment International, 2020, 143, 105748.	4.8	75
22	A tool for assessing the climate change mitigation and health impacts of environmental policies: the Cities Rapid Assessment Framework for Transformation (CRAFT). Wellcome Open Research, 2020, 5, 269.	0.9	9
23	A tool for assessing the climate change mitigation and health impacts of environmental policies: the Cities Rapid Assessment Framework for Transformation (CRAFT). Wellcome Open Research, 2020, 5, 269.	0.9	8
24	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. Lancet, The, 2019, 394, 1836-1878.	6.3	905
25	MicroEnv: A microsimulation model for quantifying the impacts of environmental policies on population health and health inequalities. Science of the Total Environment, 2019, 697, 134105.	3.9	18
26	Household energy efficiency and health: Area-level analysis of hospital admissions in England. Environment International, 2019, 133, 105164.	4.8	30
27	Application of an indoor air pollution metamodel to a spatially-distributed housing stock. Science of the Total Environment, 2019, 667, 390-399.	3.9	30
28	Indoor overheating and mitigation of converted lofts in London, UK. Building Services Engineering Research and Technology, 2019, 40, 409-425.	0.9	10
29	Assessing population vulnerability towards summer energy poverty: Case studies of Madrid and London. Energy and Buildings, 2019, 190, 132-143.	3.1	104
30	Evaluating retrofit options in a historical city center: Relevance of bio-based insulation and the need to consider complex urban form in decision-making. Energy and Buildings, 2019, 182, 196-204.	3.1	21
31	Environmental Risks of Cities in the European Region: Analyses of the Sustainable Healthy Urban Environments (SHUE) Database. Public Health Panorama, 2019, 3, 300-309.	0.0	2
32	Towards a framework to evaluate the â€˜totalâ€™ performance of buildings. Building Services Engineering Research and Technology, 2018, 39, 609-631.	0.9	18
33	Assessing urban population vulnerability and environmental risks across an urban area during heatwaves â€“ Implications for health protection. Science of the Total Environment, 2018, 610-611, 678-690.	3.9	105
34	Comparison of built environment adaptations to heat exposure and mortality during hot weather, West Midlands region, UK. Environment International, 2018, 111, 287-294.	4.8	44
35	Mapping climate disadvantage for care provision in London, UK: a sociospatial heat vulnerability assessment. Lancet, The, 2018, 392, S68.	6.3	2
36	A Comparative Analysis of Global Datasets and Initiatives for Urban Health and Sustainability. Sustainability, 2018, 10, 3636.	1.6	3

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37	Estimating the Influence of Housing Energy Efficiency and Overheating Adaptations on Heat-Related Mortality in the West Midlands, UK. Atmosphere, 2018, 9, 190.	1.0	25
38	The impact of home energy efficiency interventions and winter fuel payments on winter- and cold-related mortality and morbidity in England: a natural equipment mixed-methods study. Public Health Research, 2018, 6, 1-110.	0.5	7
39	Land cover and air pollution are associated with asthma hospitalisations: A cross-sectional study. Environment International, 2017, 109, 29-41.	4.8	81
40	The variation of air and surface temperatures in London within a 1km grid using vehicle-transect and ASTER data. , 2017, , .		2
41	Overheating in English dwellings: comparing modelled and monitored large-scale datasets. Building Research and Information, 2017, 45, 195-208.	2.0	31
42	The Challenge of Urban Heat Exposure under Climate Change: An Analysis of Cities in the Sustainable Healthy Urban Environments (SHUE) Database. Climate, 2017, 5, 93.	1.2	12
43	Measuring ventilation and modelling <I>M. tuberculosis</I> transmission in indoor congregate settings, rural KwaZulu-Natal. International Journal of Tuberculosis and Lung Disease, 2016, 20, 1155-1161.	0.6	22
44	London Hybrid Exposure Model: Improving Human Exposure Estimates to NO₂ and PM_{2.5} in an Urban Setting. Environmental Science & Technology, 2016, 50, 11760-11768.	4.6	69
45	Retrofit solutions for solid wall dwellings in England: The impact of uncertainty upon the energy performance gap. Building Services Engineering Research and Technology, 2016, 37, 614-634.	0.9	17
46	Development of an England-wide indoor overheating and air pollution model using artificial neural networks. Journal of Building Performance Simulation, 2016, 9, 606-619.	1.0	30
47	The transmission of Mycobacterium tuberculosis in high burden settings. Lancet Infectious Diseases, The, 2016, 16, 227-238.	4.6	149
48	Mapping indoor overheating and air pollution risk modification across Great Britain: A modelling study. Building and Environment, 2016, 99, 1-12.	3.0	53
49	Impacts of energy efficiency retrofitting measures on indoor PM_{2.5}concentrations across different income groups in England: a modelling study. Advances in Building Energy Research, 2016, 10, 69-83.	1.1	16
50	Impact of climate change on the domestic indoor environment and associated health risks in the UK. Environment International, 2015, 85, 299-313.	4.8	187
51	Urban social housing resilience to excess summer heat. Building Research and Information, 2015, 43, 316-333.	2.0	68
52	Assessing uncertainty in housing stock infiltration rates andÂassociated heat loss: English and UK case studies. Building and Environment, 2015, 92, 644-656.	3.0	37
53	Understanding and mitigating overheating and indoor PM_{2.5} risks using coupled temperature and indoor air quality models. Building Services Engineering Research and Technology, 2015, 36, 275-289.	0.9	37
54	Mapping the effects of urban heat island, housing, and age on excess heat-related mortality in London. Urban Climate, 2015, 14, 517-528.	2.4	105

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55	Simulation of pollution transport in buildings: the importance of taking into account dynamic thermal effects. Building Services Engineering Research and Technology, 2014, 35, 682-690.	0.9	15
56	The modifying effect of the building envelope on population exposure to PM_{2.5}from outdoor sources. Indoor Air, 2014, 24, 639-651.	2.0	65
57	The relative importance of input weather data for indoor overheating risk assessment in dwellings. Building and Environment, 2014, 76, 81-91.	3.0	73
58	The impact of occupancy patterns, occupant-controlled ventilation and shading on indoor overheating risk in domestic environments. Building and Environment, 2014, 78, 183-198.	3.0	119
59	Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling. Building and Environment, 2014, 78, 171-182.	3.0	60
60	Predicting the microbial exposure risks in urban floods using GIS, building simulation, and microbial models. Environment International, 2013, 51, 182-195.	4.8	8
61	The persistence of flood-borne pathogens on building surfaces under drying conditions. International Journal of Hygiene and Environmental Health, 2013, 216, 91-99.	2.1	20
62	Using building simulation to model the drying of flooded building archetypes. Journal of Building Performance Simulation, 2013, 6, 119-140.	1.0	4
63	Countering Bioterrorism: Why Smart Buildings Should Have a Code of Ethics. , 2012, , .		4
64	Can Clean-Room Particle Counters be Used as an Infection Control Tool in Hospital Operating Theatres?. Indoor and Built Environment, 2012, 21, 381-391.	1.5	10
65	Human Factors and Bioagent Transmission following an Indoor Bioterror Attack. Journal of Bioterrorism & Biodefense, 2012, 03, .	0.1	2
66	Flood management: Prediction of microbial contamination in large-scale floods in urban environments. Environment International, 2011, 37, 1019-1029.	4.8	87
67	Understanding and mitigating the challenge of bioaerosol emissions from urban community composting. Atmospheric Environment, 2011, 45, 85-93.	1.9	26
68	The CUSSH programme: supporting citiesâ€™ transformational change towards health and sustainability. Wellcome Open Research, 0, 6, 100.	0.9	4
69	Household overcrowding and risk of SARS-CoV-2: analysis of the Virus Watch prospective community cohort study in England and Wales. Wellcome Open Research, 0, 6, 347.	0.9	10