

Jonathon G Taylor

List of Publications by Year in descending order

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69
papers

4,698
citations

218662

26
h-index

118840

62
g-index

75
all docs

75
docs citations

75
times ranked

5110
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021, 397, 129-170.	13.7	1,030
2	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. <i>Lancet, The</i> , 2019, 394, 1836-1878.	13.7	905
3	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , 2021, 398, 1619-1662.	13.7	669
4	Impact of climate change on the domestic indoor environment and associated health risks in the UK. <i>Environment International</i> , 2015, 85, 299-313.	10.0	187
5	The transmission of <i>Mycobacterium tuberculosis</i> in high burden settings. <i>Lancet Infectious Diseases, The</i> , 2016, 16, 227-238.	9.1	149
6	The impact of occupancy patterns, occupant-controlled ventilation and shading on indoor overheating risk in domestic environments. <i>Building and Environment</i> , 2014, 78, 183-198.	6.9	119
7	Mapping the effects of urban heat island, housing, and age on excess heat-related mortality in London. <i>Urban Climate</i> , 2015, 14, 517-528.	5.7	105
8	Assessing urban population vulnerability and environmental risks across an urban area during heatwaves – Implications for health protection. <i>Science of the Total Environment</i> , 2018, 610-611, 678-690.	8.0	105
9	Assessing population vulnerability towards summer energy poverty: Case studies of Madrid and London. <i>Energy and Buildings</i> , 2019, 190, 132-143.	6.7	104
10	Flood management: Prediction of microbial contamination in large-scale floods in urban environments. <i>Environment International</i> , 2011, 37, 1019-1029.	10.0	87
11	Land cover and air pollution are associated with asthma hospitalisations: A cross-sectional study. <i>Environment International</i> , 2017, 109, 29-41.	10.0	81
12	Exposure to indoor air pollution across socio-economic groups in high-income countries: A scoping review of the literature and a modelling methodology. <i>Environment International</i> , 2020, 143, 105748.	10.0	75
13	The relative importance of input weather data for indoor overheating risk assessment in dwellings. <i>Building and Environment</i> , 2014, 76, 81-91.	6.9	73
14	London Hybrid Exposure Model: Improving Human Exposure Estimates to NO ₂ and PM _{2.5} in an Urban Setting. <i>Environmental Science & Technology</i> , 2016, 50, 11760-11768.	10.0	69
15	Urban social housing resilience to excess summer heat. <i>Building Research and Information</i> , 2015, 43, 316-333.	3.9	68
16	The modifying effect of the building envelope on population exposure to PM _{2.5} from outdoor sources. <i>Indoor Air</i> , 2014, 24, 639-651.	4.3	65
17	Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling. <i>Building and Environment</i> , 2014, 78, 171-182.	6.9	60
18	Mapping indoor overheating and air pollution risk modification across Great Britain: A modelling study. <i>Building and Environment</i> , 2016, 99, 1-12.	6.9	53

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19	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. <i>Environment International</i> , 2020, 134, 105292.	10.0	52
20	Comparison of built environment adaptations to heat exposure and mortality during hot weather, West Midlands region, UK. <i>Environment International</i> , 2018, 111, 287-294.	10.0	44
21	Assessing uncertainty in housing stock infiltration rates and associated heat loss: English and UK case studies. <i>Building and Environment</i> , 2015, 92, 644-656.	6.9	37
22	Understanding and mitigating overheating and indoor PM _{2.5} risks using coupled temperature and indoor air quality models. <i>Building Services Engineering Research and Technology</i> , 2015, 36, 275-289.	1.8	37
23	Overheating in English dwellings: comparing modelled and monitored large-scale datasets. <i>Building Research and Information</i> , 2017, 45, 195-208.	3.9	31
24	Development of an England-wide indoor overheating and air pollution model using artificial neural networks. <i>Journal of Building Performance Simulation</i> , 2016, 9, 606-619.	2.0	30
25	Household energy efficiency and health: Area-level analysis of hospital admissions in England. <i>Environment International</i> , 2019, 133, 105164.	10.0	30
26	Application of an indoor air pollution metamodel to a spatially-distributed housing stock. <i>Science of the Total Environment</i> , 2019, 667, 390-399.	8.0	30
27	Systemic inequalities in indoor air pollution exposure in London, UK. <i>Buildings and Cities</i> , 2021, 2, 425.	2.3	28
28	Understanding and mitigating the challenge of bioaerosol emissions from urban community composting. <i>Atmospheric Environment</i> , 2011, 45, 85-93.	4.1	26
29	Estimating the Influence of Housing Energy Efficiency and Overheating Adaptations on Heat-Related Mortality in the West Midlands, UK. <i>Atmosphere</i> , 2018, 9, 190.	2.3	25
30	Measuring ventilation and modelling M. tuberculosis transmission in indoor congregate settings, rural KwaZulu-Natal. <i>International Journal of Tuberculosis and Lung Disease</i> , 2016, 20, 1155-1161.	1.2	22
31	Evaluating retrofit options in a historical city center: Relevance of bio-based insulation and the need to consider complex urban form in decision-making. <i>Energy and Buildings</i> , 2019, 182, 196-204.	6.7	21
32	The persistence of flood-borne pathogens on building surfaces under drying conditions. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 91-99.	4.3	20
33	Towards a framework to evaluate the "total" performance of buildings. <i>Building Services Engineering Research and Technology</i> , 2018, 39, 609-631.	1.8	18
34	MicroEnv: A microsimulation model for quantifying the impacts of environmental policies on population health and health inequalities. <i>Science of the Total Environment</i> , 2019, 697, 134105.	8.0	18
35	Retrofit solutions for solid wall dwellings in England: The impact of uncertainty upon the energy performance gap. <i>Building Services Engineering Research and Technology</i> , 2016, 37, 614-634.	1.8	17
36	Impacts of energy efficiency retrofitting measures on indoor PM _{2.5} concentrations across different income groups in England: a modelling study. <i>Advances in Building Energy Research</i> , 2016, 10, 69-83.	2.3	16

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37	Simulation of pollution transport in buildings: the importance of taking into account dynamic thermal effects. <i>Building Services Engineering Research and Technology</i> , 2014, 35, 682-690.	1.8	15
38	Impact of COVID-19 lockdown on NO2 and PM2.5 exposure inequalities in London, UK. <i>Environmental Research</i> , 2021, 198, 111236.	7.5	13
39	The Challenge of Urban Heat Exposure under Climate Change: An Analysis of Cities in the Sustainable Healthy Urban Environments (SHUE) Database. <i>Climate</i> , 2017, 5, 93.	2.8	12
40	Can Clean-Room Particle Counters be Used as an Infection Control Tool in Hospital Operating Theatres?. <i>Indoor and Built Environment</i> , 2012, 21, 381-391.	2.8	10
41	Indoor overheating and mitigation of converted lofts in London, UK. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 409-425.	1.8	10
42	Evidence of horizontal urban heat advection in London using six years of data from a citizen weather station network. <i>Environmental Research Letters</i> , 2022, 17, 044041.	5.2	10
43	Household overcrowding and risk of SARS-CoV-2: analysis of the Virus Watch prospective community cohort study in England and Wales. <i>Wellcome Open Research</i> , 0, 6, 347.	1.8	10
44	Learning and Teaching Interdisciplinary Skills in Sustainable Urban Developmentâ€”The Case of Tampere University, Finland. <i>Sustainability</i> , 2021, 13, 1180.	3.2	9
45	Home Energy Efficiency and Subjective Health in Greater London. <i>Journal of Urban Health</i> , 2021, 98, 362-374.	3.6	9
46	A tool for assessing the climate change mitigation and health impacts of environmental policies: the Cities Rapid Assessment Framework for Transformation (CRAFT). <i>Wellcome Open Research</i> , 2020, 5, 269.	1.8	9
47	Predicting the microbial exposure risks in urban floods using GIS, building simulation, and microbial models. <i>Environment International</i> , 2013, 51, 182-195.	10.0	8
48	A tool for assessing the climate change mitigation and health impacts of environmental policies: the Cities Rapid Assessment Framework for Transformation (CRAFT). <i>Wellcome Open Research</i> , 2020, 5, 269.	1.8	8
49	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. <i>Public Health Research</i> , 2018, 6, 1-110.	1.3	7
50	Projecting the impacts of housing on temperature-related mortality in London during typical future years. <i>Energy and Buildings</i> , 2021, 249, 111233.	6.7	6
51	Improving indoor air quality and occupant health through smart control of windows and portable air purifiers in residential buildings. <i>Building Services Engineering Research and Technology</i> , 2022, 43, 571-588.	1.8	5
52	Countering Bioterrorism: Why Smart Buildings Should Have a Code of Ethics. , 2012, , .		4
53	Using building simulation to model the drying of flooded building archetypes. <i>Journal of Building Performance Simulation</i> , 2013, 6, 119-140.	2.0	4
54	The CUSSH programme: supporting citiesâ€™™ transformational change towards health and sustainability. <i>Wellcome Open Research</i> , 0, 6, 100.	1.8	4

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55	A Comparative Analysis of Global Datasets and Initiatives for Urban Health and Sustainability. Sustainability, 2018, 10, 3636.	3.2	3
56	The CUSSH programme: learning how to support citiesâ€™ transformational change towards health and sustainability. Wellcome Open Research, 2021, 6, 100.	1.8	3
57	Air Pollution, housing and respiratory tract Infections in Children: National birth Cohort study (PICNIC): study protocol. BMJ Open, 2021, 11, e048038.	1.9	3
58	Skatescape in the Making: Developing Sustainable Urban Pedagogies through Transdisciplinary Education. Sustainability, 2021, 13, 9561.	3.2	3
59	The variation of air and surface temperatures in London within a 1km grid using vehicle-transect and ASTER data. , 2017, , .		2
60	Mapping climate disadvantage for care provision in London, UK: a sociospatial heat vulnerability assessment. Lancet, The, 2018, 392, S68.	13.7	2
61	Housing, health and energy: a characterisation of risks and priorities across Delhiâ€™s diverse settlements. Cities and Health, 2021, 5, 298-319.	2.6	2
62	The significance of urban systems on sustainability and public health. Buildings and Cities, 2021, 2, 874-887.	2.3	2
63	Human Factors and Bioagent Transmission following an Indoor Bioterror Attack. Journal of Bioterrorism & Biodefense, 2012, 03, .	0.1	2
64	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
65	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.	13.7	2
66	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.	0.4	1
67	Energy Poverty in Finland: Reality and Challenges in the Face of Climate Change. , 2022, , 185-208.		1
68	Estimating spatial variation of moisture risks in English and Welsh dwellings. , 2021, , .		0
69	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.	0.4	0