

# Phil Symonds

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,434  
citations

331670  
21  
h-index

315739  
38  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5569  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal retrofit solutions considering thermal comfort and intervention costs for the Mediterranean social housing stock. <i>Energy and Buildings</i> , 2022, 259, 111915.	6.7	16
2	Energy retrofit and passive cooling: overheating and air quality in primary schools. <i>Buildings and Cities</i> , 2022, 3, 204-225.	2.3	11
3	Home energy efficiency under net zero: time to monitor UK indoor air. <i>BMJ, The</i> , 2022, 377, e069435.	6.0	1
4	Bayesian calibration of building energy models for uncertainty analysis through test cells monitoring. <i>Applied Energy</i> , 2021, 282, 116118.	10.1	17
5	Home Energy Efficiency and Subjective Health in Greater London. <i>Journal of Urban Health</i> , 2021, 98, 362-374.	3.6	9
6	Systemic inequalities in indoor air pollution exposure in London, UK. <i>Buildings and Cities</i> , 2021, 2, 425.	2.3	28
7	The CUSSH programme: learning how to support citiesâ€™ transformational change towards health and sustainability. <i>Wellcome Open Research</i> , 2021, 6, 100.	1.8	3
8	Modelling Long-Term Urban Temperatures with Less Training Data: A Comparative Study Using Neural Networks in the City of Madrid. <i>Sustainability</i> , 2021, 13, 8143.	3.2	2
9	Relationship-building around a policy decision-support tool for urban health. <i>Buildings and Cities</i> , 2021, 2, 717.	2.3	5
10	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
11	A case study on the impact of fixed input parameter values in the modelling of indoor overheating. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012137.	0.4	0
12	Improving indoor thermal comfort, air quality and the health of older adults through environmental policies in London. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012240.	0.4	1
13	Indoor Air Quality and Overheating in UK Classrooms â€“ an Archetype Stock Modelling Approach. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012175.	0.4	2
14	Use of Beta Regression to investigate the link between home air infiltration rate and self-reported health. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012178.	0.4	0
15	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
16	Data to support small area health impact modelling of air pollution in the United Kingdom. <i>Data in Brief</i> , 2020, 29, 105148.	1.0	1
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Can the choice of building performance simulation tool significantly alter the level of predicted indoor overheating risk in London flats?. Building Services Engineering Research and Technology, 2019, 40, 30-46.	1.8	20
20	The summer indoor temperatures of the English housing stock: Exploring the influence of dwelling and household characteristics. Building Services Engineering Research and Technology, 2019, 40, 492-511.	1.8	24
21	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.	8.0	18
22	Home energy efficiency and radon: An observational study. Indoor Air, 2019, 29, 854-864.	4.3	39
23	Application of an indoor air pollution metamodel to a spatially-distributed housing stock. Science of the Total Environment, 2019, 667, 390-399.	8.0	30
24	Indoor overheating and mitigation of converted lofts in London, UK. Building Services Engineering Research and Technology, 2019, 40, 409-425.	1.8	10
25	Assessing urban population vulnerability and environmental risks across an urban area during heatwaves – Implications for health protection. Science of the Total Environment, 2018, 610-611, 678-690.	8.0	105
26	Comparison of built environment adaptations to heat exposure and mortality during hot weather, West Midlands region, UK. Environment International, 2018, 111, 287-294.	10.0	44
27	Mapping climate disadvantage for care provision in London, UK: a sociospatial heat vulnerability assessment. Lancet, The, 2018, 392, S68.	13.7	2
28	Urban systems complexity in sustainability and health: an interdisciplinary modelling study. Lancet Planetary Health, The, 2018, 2, S21.	11.4	3
29	Estimating the Influence of Housing Energy Efficiency and Overheating Adaptations on Heat-Related Mortality in the West Midlands, UK. Atmosphere, 2018, 9, 190.	2.3	25
30	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.	1.3	7
31	Inhabitant actions and summer overheating risk in London dwellings. Building Research and Information, 2017, 45, 119-142.	3.9	47
32	Measurements of the $\sigma(\text{t}\bar{\text{t}})$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	3.9	34
33	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	3.9	52
34	Measurement of the jet mass in highly boosted $\text{t}\bar{\text{t}}$ events from pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 467.	3.9	23
35	Overheating in English dwellings: comparing modelled and monitored large-scale datasets. Building Research and Information, 2017, 45, 195-208.	3.9	31
36	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 845.	3.9	38

#	ARTICLE	IF	CITATIONS
37	Measurement of $\sigma(\text{t}\bar{\text{t}})$ production with additional jet activity, including $\text{b}\bar{\text{b}}$ quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8\text{ TeV}$ . European Physical Journal C, 2016, 76, 379.	3.9	34
38	Measurement of the $\sigma(\text{t}\bar{\text{t}})$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8\text{ TeV}$ . European Physical Journal C, 2016, 76, 128.	3.9	41
39	Development of an England-wide indoor overheating and air pollution model using artificial neural networks. Journal of Building Performance Simulation, 2016, 9, 606-619.	2.0	30
40	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8\text{ TeV}$ . European Physical Journal C, 2015, 75, 542.	3.9	191
41	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. European Physical Journal C, 2015, 75, 251.	3.9	73
42	Mapping the effects of urban heat island, housing, and age on excess heat-related mortality in London. Urban Climate, 2015, 14, 517-528.	5.7	105
43	Measurement of jet multiplicity distributions in $\sigma(\text{t}\bar{\text{t}})$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2014, 74, 3014.	3.9	16
44	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2013, 73, 1.	3.9	125
45	Measurement of Missing Transverse Energy in Top Pair Events. Journal of Physics: Conference Series, 2013, 452, 012032.	0.4	0
46	Measurement of the $\sigma(\text{t}\bar{\text{t}})$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	4.7	69
47	The CUSSH programme: supporting cities' transformational change towards health and sustainability. Wellcome Open Research, 0, 6, 100.	1.8	4
48	Modelling the Influence of Layout On Overheating Risk of London Flats. , 0, , .		0