

Phil Symonds

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,434
citations

331259

21
h-index

315357

38
g-index

49
all docs

49
docs citations

49
times ranked

5569
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ $s = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 542.	1.4	191
2	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.	1.4	125
3	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
4	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.	3.9	105
5	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
6	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.	1.4	73
7	Measurement of the $\overline{\text{t}} \text{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
8	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
9	Inhabitant actions and summer overheating risk in London dwellings. Building Research and Information, 2017, 45, 119-142.	2.0	47
10	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
11	Measurement of the $\overline{\text{t}} \text{t}$ 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.	1.4	41
12	Home energy efficiency and radon: An observational study. Indoor Air, 2019, 29, 854-864.	2.0	39
13	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{\text{TeV}\}$ $s = 13 \text{ TeV}$. European Physical Journal C, 2017, 77, 845.	1.4	38
14	Measurement of $\overline{\text{t}} \text{t}$ production with additional jet activity, including $\text{b} \text{b}$ quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ $s = 8 \text{ TeV}$. European Physical Journal C, 2016, 76, 379.	1.4	34
15	Measurements of the $\overline{\text{t}} \text{t}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of $8 \text{ to } 7 \text{ TeV}$ cross sections. European Physical Journal C, 2017, 77, 15.	1.4	34
16	Overheating in English dwellings: comparing modelled and monitored large-scale datasets. Building Research and Information, 2017, 45, 195-208.	2.0	31
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Systemic inequalities in indoor air pollution exposure in London, UK. <i>Buildings and Cities</i> , 2021, 2, 425.	1.1	28
20	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.	1.0	25
21	The summer indoor temperatures of the English housing stock: Exploring the influence of dwelling and household characteristics. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 492-511.	0.9	24
22	Measurement of the jet mass in highly boosted \sqrt{s} events from pp collisions at $\sqrt{s}=8\text{ TeV}$. <i>European Physical Journal C</i> , 2017, 77, 467.	1.4	23
23	Can the choice of building performance simulation tool significantly alter the level of predicted indoor overheating risk in London flats?. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 30-46.	0.9	20
24	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.	3.9	18
25	Bayesian calibration of building energy models for uncertainty analysis through test cells monitoring. <i>Applied Energy</i> , 2021, 282, 116118.	5.1	17
26	Measurement of jet multiplicity distributions in $\sqrt{s} = 7\text{ TeV}$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$. <i>European Physical Journal C</i> , 2014, 74, 3014.	1.4	16
27	Optimal retrofit solutions considering thermal comfort and intervention costs for the Mediterranean social housing stock. <i>Energy and Buildings</i> , 2022, 259, 111915.	3.1	16
28	Energy retrofit and passive cooling: overheating and air quality in primary schools. <i>Buildings and Cities</i> , 2022, 3, 204-225.	1.1	11
29	Indoor overheating and mitigation of converted lofts in London, UK. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 409-425.	0.9	10
30	Home Energy Efficiency and Subjective Health in Greater London. <i>Journal of Urban Health</i> , 2021, 98, 362-374.	1.8	9
31	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.	0.9	9
32	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.	0.9	8
33	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.	0.5	7
34	Projecting the impacts of housing on temperature-related mortality in London during typical future years. <i>Energy and Buildings</i> , 2021, 249, 111233.	3.1	6
35	Relationship-building around a policy decision-support tool for urban health. <i>Buildings and Cities</i> , 2021, 2, 717.	1.1	5
36	The CUSSH programme: supporting cities' transformational change towards health and sustainability. <i>Wellcome Open Research</i> , 0, 6, 100.	0.9	4

#	ARTICLE	IF	CITATIONS
37	Urban systems complexity in sustainability and health: an interdisciplinary modelling study. Lancet Planetary Health, The, 2018, 2, S21.	5.1	3
38	The CUSSH programme: learning how to support citiesâ€™ transformational change towards health and sustainability. Wellcome Open Research, 2021, 6, 100.	0.9	3
39	Mapping climate disadvantage for care provision in London, UK: a sociospatial heat vulnerability assessment. Lancet, The, 2018, 392, S68.	6.3	2
40	Modelling Long-Term Urban Temperatures with Less Training Data: A Comparative Study Using Neural Networks in the City of Madrid. Sustainability, 2021, 13, 8143.	1.6	2
41	Indoor Air Quality and Overheating in UK Classrooms â€“ an Archetype Stock Modelling Approach. Journal of Physics: Conference Series, 2021, 2069, 012175.	0.3	2
42	Data to support small area health impact modelling of air pollution in the United Kingdom. Data in Brief, 2020, 29, 105148.	0.5	1
43	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
44	Home energy efficiency under net zero: time to monitor UK indoor air. BMJ, The, 2022, 377, e069435.	3.0	1
45	Measurement of Missing Transverse Energy in Top Pair Events. Journal of Physics: Conference Series, 2013, 452, 012032.	0.3	0
46	A case study on the impact of fixed input parameter values in the modelling of indoor overheating. Journal of Physics: Conference Series, 2021, 2069, 012137.	0.3	0
47	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
48	Modelling the Influence of Layout On Overheating Risk of London Flats. , 0, , .		0