

Christina

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	1,023 citations	13 h-index	24 g-index
24 ext. papers	1,122 ext. citations	6.9 avg, IF	4.74 L-index

#	Paper	IF	Citations
23	The importance of infiltration pathways in assessing and modelling overheating risks in multi-residential buildings. <i>Building Services Engineering Research and Technology</i> , 2020 , 41, 261-279	2.3	4
22	Temporal optimization for affordable and resilient Passivhaus dwellings in the social housing sector. <i>Applied Energy</i> , 2020 , 261, 114383	10.7	11
21	Balancing daylight and overheating in low-energy design using CIBSE improved weather files. <i>Building Services Engineering Research and Technology</i> , 2020 , 41, 210-224	2.3	3
20	The impact of accurately modelling corridor thermodynamics in the overheating risk assessment of multi-residential dwellings. <i>Energy and Buildings</i> , 2020 , 224, 110302	7	8
19	Assessing the application and limitations of a standardised overheating risk-assessment methodology in a real-world context. <i>Building and Environment</i> , 2020 , 181, 107070	6.5	11
18	Sizing domestic air-source heat pump systems with thermal storage under varying electrical load shifting strategies. <i>Applied Energy</i> , 2019 , 255, 113811	10.7	10
17	Testing the reliability of deterministic multi-criteria decision-making methods using building performance simulation. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 112, 991-1007	16.2	21
16	Empirical and computational evidence for thermal mass assessment: The example of insulating concrete formwork. <i>Energy and Buildings</i> , 2019 , 188-189, 314-332	7	12
15	The modelling gap: Quantifying the discrepancy in the representation of thermal mass in building simulation. <i>Building and Environment</i> , 2018 , 131, 74-98	6.5	22
14	PassivBIM: Enhancing interoperability between BIM and low energy design software. <i>Automation in Construction</i> , 2015 , 57, 17-32	9.6	52
13	A conceptual framework to support solar PV simulation using an open-BIM data exchange standard. <i>Automation in Construction</i> , 2014 , 37, 166-181	9.6	47
12	Multi-criteria decision making under uncertainty in building performance assessment. <i>Building and Environment</i> , 2013 , 69, 81-90	6.5	90
11	An investigation into future performance and overheating risks in Passivhaus dwellings. <i>Building and Environment</i> , 2013 , 70, 189-209	6.5	153
10	Hygrothermal implications of low and zero energy standards for building envelope performance in the UK. <i>Journal of Building Performance Simulation</i> , 2013 , 6, 367-384	2.8	13
9	An investigation into recent proposals for a revised definition of zero carbon homes in the UK. <i>Energy Policy</i> , 2012 , 46, 25-35	7.2	51
8	A proposed method for generating high resolution current and future climate data for Passivhaus design. <i>Energy and Buildings</i> , 2012 , 55, 481-493	7	27
7	Transient thermal behaviour of crumb rubber-modified concrete and implications for thermal response and energy efficiency in buildings. <i>Applied Thermal Engineering</i> , 2012 , 33-34, 77-85	5.8	37

6	Uncertainty analysis in building performance simulation for design support. <i>Energy and Buildings</i> , 2011 , 43, 2798-2805	7	291
5	Generations of knowledge management in the architecture, engineering and construction industry: An evolutionary perspective. <i>Advanced Engineering Informatics</i> , 2010 , 24, 219-228	7.4	85
4	Federating information portals through an ontology-centred approach: A feasibility study. <i>Advanced Engineering Informatics</i> , 2010 , 24, 340-354	7.4	10
3	Value creating construction virtual teams: A case study in the construction sector. <i>Automation in Construction</i> , 2010 , 19, 142-147	9.6	31
2	An investigation of the option space in conceptual building design for advanced building simulation. <i>Advanced Engineering Informatics</i> , 2009 , 23, 386-395	7.4	33
1	Experiential learning in building physics: The icebox challenge. <i>Journal of Building Physics</i> , 1744259121101101.79	10.79	1