Christina

List of Publications by Citations

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

#	Paper	IF	Citations
23	Uncertainty analysis in building performance simulation for design support. *Energy and Buildings*, **2011**, 43, 2798-2805	7	291
22	An investigation into future performance and overheating risks in Passivhaus dwellings. *Building and Environment*, **2013**, 70, 189-209	6.5	153
21	Multi-criteria decision making under uncertainty in building performance assessment. *Building and Environment*, **2013**, 69, 81-90	6.5	90
20	Generations of knowledge management in the architecture, engineering and construction industry: An evolutionary perspective. *Advanced Engineering Informatics*, **2010**, 24, 219-228	7.4	85
19	PassivBIM: Enhancing interoperability between BIM and low energy design software. *Automation in Construction*, **2015**, 57, 17-32	9.6	52
18	An investigation into recent proposals for a revised definition of zero carbon homes in the UK. *Energy Policy*, **2012**, 46, 25-35	7.2	51
17	A conceptual framework to support solar PV simulation using an open-BIM data exchange standard. *Automation in Construction*, **2014**, 37, 166-181	9.6	47
16	Transient thermal behaviour of crumb rubber-modified concrete and implications for thermal response and energy efficiency in buildings. *Applied Thermal Engineering*, **2012**, 33-34, 77-85	5.8	37
15	An investigation of the option space in conceptual building design for advanced building simulation. *Advanced Engineering Informatics*, **2009**, 23, 386-395	7.4	33
14	Value creating construction virtual teams: A case study in the construction sector. *Automation in Construction*, **2010**, 19, 142-147	9.6	31
13	A proposed method for generating high resolution current and future climate data for Passivhaus design. *Energy and Buildings*, **2012**, 55, 481-493	7	27
12	The modelling gap: Quantifying the discrepancy in the representation of thermal mass in building simulation. *Building and Environment*, **2018**, 131, 74-98	6.5	22
11	Testing the reliability of deterministic multi-criteria decision-making methods using building performance simulation. *Renewable and Sustainable Energy Reviews*, **2019**, 112, 991-1007	16.2	21
10	Hygrothermal implications of low and zero energy standards for building envelope performance in the UK. *Journal of Building Performance Simulation*, **2013**, 6, 367-384	2.8	13
9	Empirical and computational evidence for thermal mass assessment: The example of insulating concrete formwork. *Energy and Buildings*, **2019**, 188-189, 314-332	7	12
8	Temporal optimization for affordable and resilient Passivhaus dwellings in the social housing sector. *Applied Energy*, **2020**, 261, 114383	10.7	11
7	Assessing the application and limitations of a standardised overheating risk-assessment methodology in a real-world context. *Building and Environment*, **2020**, 181, 107070	6.5	11

6	Sizing domestic air-source heat pump systems with thermal storage under varying electrical load shifting strategies. *Applied Energy*, **2019**, 255, 113811	10.7	10
5	Federating information portals through an ontology-centred approach: A feasibility study. *Advanced Engineering Informatics*, **2010**, 24, 340-354	7.4	10
4	The impact of accurately modelling corridor thermodynamics in the overheating risk assessment of multi-residential dwellings. *Energy and Buildings*, **2020**, 224, 110302	7	8
3	The importance of infiltration pathways in assessing and modelling overheating risks in multi-residential buildings. *Building Services Engineering Research and Technology*, **2020**, 41, 261-279	2.3	4
2	Balancing daylight and overheating in low-energy design using CIBSE improved weather files. *Building Services Engineering Research and Technology*, **2020**, 41, 210-224	2.3	3
1	Experiential learning in building physics: The icebox challenge. *Journal of Building Physics*,1744259121101769	1.7	1