Marcus Keane

List of Publications by Citations

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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.

17 papers	1,210 citations	11 h-index	20 g-index
20 ext. papers	1,346 ext. citations	6.7 avg, IF	4.76 L-index

#	Paper	IF	Citations
17	A review of methods to match building energy simulation models to measured data. *Renewable and Sustainable Energy Reviews*, **2014**, 37, 123-141	16.2	434
16	Calibrating whole building energy models: An evidence-based methodology. *Energy and Buildings*, **2011**, 43, 2356-2364	7	185
15	Calibrating whole building energy models: Detailed case study using hourly measured data. *Energy and Buildings*, **2011**, 43, 3666-3679	7	137
14	Model calibration for building energy efficiency simulation. *Applied Energy*, **2014**, 130, 72-85	10.7	125
13	Linking building data in the cloud: Integrating cross-domain building data using linked data. *Advanced Engineering Informatics*, **2013**, 27, 206-219	7.4	122
12	A performance assessment ontology for the environmental and energy management of buildings. *Automation in Construction*, **2015**, 57, 249-259	9.6	67
11	Deep reinforcement learning for home energy management system control. *Energy and AI*, **2021**, 3, 100043	4.36	30
10	Towards a wireless sensor platform for energy efficient building operation. *Tsinghua Science and Technology*, **2008**, 13, 381-386	3.4	28
9	Building performance optimization using cross-domain scenario modeling, linked data, and complex event processing. *Building and Environment*, **2013**, 62, 102-111	6.5	23
8	Scenario modelling: A holistic environmental and energy management method for building operation optimisation. *Energy and Buildings*, **2013**, 62, 146-157	7	20
7	Using semantic web technologies to access soft AEC data. *Advanced Engineering Informatics*, **2014**, 28, 370-380	7.4	16
6	How a quantity surveyor can ease cost management at the design stage using a building product model. *Construction Innovation*, **2008**, 8, 164-181	4.1	5
5	Energy efficiency facets: innovative district cooling systems. *Entrepreneurship and Sustainability Issues*, **2017**, 4, 310-318	3.3	5
4	Multi-Criteria optimisation using past, real time and predictive performance benchmarks. *Simulation Modelling Practice and Theory*, **2011**, 19, 1258-1265	3.9	4
3	Transfer learning applied to DRL-Based heat pump control to leverage microgrid energy efficiency. *Smart Energy*, **2021**, 3, 100044		3
2	A strategic view of ICT supported cost management for green buildings in the quantity surveying practice. *Journal of Financial Management of Property and Construction*, **2009**, 14, 79-89	1.5	2
1	Pervasive knowledge-based networking for maintenance inspection in smart buildings. **2009**,		1