

# Marcus Keane

## 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.

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	Deep reinforcement learning for home energy management system control. <i>Energy and AI</i> , <b>2021</b> , 3, 1000436	4.36	30
16	Transfer learning applied to DRL-Based heat pump control to leverage microgrid energy efficiency. <i>Smart Energy</i> , <b>2021</b> , 3, 100044		3
15	Energy efficiency facets: innovative district cooling systems. <i>Entrepreneurship and Sustainability Issues</i> , <b>2017</b> , 4, 310-318	3.3	5
14	A performance assessment ontology for the environmental and energy management of buildings. <i>Automation in Construction</i> , <b>2015</b> , 57, 249-259	9.6	67
13	Using semantic web technologies to access soft AEC data. <i>Advanced Engineering Informatics</i> , <b>2014</b> , 28, 370-380	7.4	16
12	A review of methods to match building energy simulation models to measured data. <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 37, 123-141	16.2	434
11	Model calibration for building energy efficiency simulation. <i>Applied Energy</i> , <b>2014</b> , 130, 72-85	10.7	125
10	Building performance optimization using cross-domain scenario modeling, linked data, and complex event processing. <i>Building and Environment</i> , <b>2013</b> , 62, 102-111	6.5	23
9	Scenario modelling: A holistic environmental and energy management method for building operation optimisation. <i>Energy and Buildings</i> , <b>2013</b> , 62, 146-157	7	20
8	Linking building data in the cloud: Integrating cross-domain building data using linked data. <i>Advanced Engineering Informatics</i> , <b>2013</b> , 27, 206-219	7.4	122
7	Calibrating whole building energy models: Detailed case study using hourly measured data. <i>Energy and Buildings</i> , <b>2011</b> , 43, 3666-3679	7	137
6	Calibrating whole building energy models: An evidence-based methodology. <i>Energy and Buildings</i> , <b>2011</b> , 43, 2356-2364	7	185
5	Multi-Criteria optimisation using past, real time and predictive performance benchmarks. <i>Simulation Modelling Practice and Theory</i> , <b>2011</b> , 19, 1258-1265	3.9	4
4	Pervasive knowledge-based networking for maintenance inspection in smart buildings. <b>2009</b> ,		1
3	A strategic view of ICT supported cost management for green buildings in the quantity surveying practice. <i>Journal of Financial Management of Property and Construction</i> , <b>2009</b> , 14, 79-89	1.5	2
2	How a quantity surveyor can ease cost management at the design stage using a building product model. <i>Construction Innovation</i> , <b>2008</b> , 8, 164-181	4.1	5
1	Towards a wireless sensor platform for energy efficient building operation. <i>Tsinghua Science and Technology</i> , <b>2008</b> , 13, 381-386	3.4	28

