

Christoph Maurer

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.

16
papers

263
citations

10
h-index

16
g-index

16
ext. papers

295
ext. citations

5.2
avg, IF

3.35
L-index

#	Paper	IF	Citations
16	Progress in building-integrated solar thermal systems. <i>Solar Energy</i> , 2017 , 154, 158-186	6.8	56
15	Modelling and simulation of Building-Integrated solar thermal systems: Behaviour of the system. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 45, 36-51	16.2	52
14	Modeling of facade elements with switchable U-value. <i>Energy and Buildings</i> , 2018 , 164, 1-13	7	23
13	Closed translucent facade elements with switchable U-value – a novel option for energy management via the facade. <i>Energy and Buildings</i> , 2015 , 86, 66-73	7	22
12	Variable g value of transparent facade collectors. <i>Energy and Buildings</i> , 2012 , 51, 177-184	7	21
11	Simple models for building-integrated solar thermal systems. <i>Energy and Buildings</i> , 2015 , 103, 118-123	7	19
10	Heating and cooling in high-rise buildings using facade-integrated transparent solar thermal collector systems. <i>Journal of Building Performance Simulation</i> , 2013 , 6, 449-457	2.8	18
9	Solar Heating and Cooling with Transparent Façade Collectors in a Demonstration Building. <i>Energy Procedia</i> , 2012 , 30, 1035-1041	2.3	15
8	Barriers to the Market Penetration of Façade-integrated Solar Thermal Systems. <i>Energy Procedia</i> , 2014 , 48, 1336-1344	2.3	13
7	First Measurement Results of a Pilot Building with Transparent Façade Collectors. <i>Energy Procedia</i> , 2014 , 48, 1385-1392	2.3	10
6	Machine-code functions in BIM for cost-effective high-quality buildings. <i>Energy and Buildings</i> , 2017 , 155, 467-474	7	4
5	Solar Thermal Systems – Towards a Systematic Characterization of Building Integration. <i>Energy Procedia</i> , 2016 , 91, 897-906	2.3	3
4	Mass Flow, Pressure Drop, and Leakage Dependent Modeling and Characterization of Solar Air Collectors. <i>Energy Procedia</i> , 2014 , 48, 250-263	2.3	2
3	Methodology and First Results of an R&D Road Map for Façade-integrated Solar Thermal Systems. <i>Energy Procedia</i> , 2015 , 70, 704-708	2.3	2
2	Translucent wall elements with switchable U- and g-value. <i>Ce/Papers</i> , 2018 , 2, 245-253	0.3	2
1	Building product ontology: Core ontology for Linked Building Product Data. <i>Automation in Construction</i> , 2022 , 133, 103927	9.6	1