

Christoph Maurer

List of Publications by Year in descending order

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16
papers

333
citations

932766

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940134

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16
all docs

16
docs citations

16
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in building-integrated solar thermal systems. <i>Solar Energy</i> , 2017, 154, 158-186.	2.9	64
2	Modelling and simulation of Building-Integrated solar thermal systems: Behaviour of the system. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 45, 36-51.	8.2	59
3	Closed translucent faade elements with switchable U-value – A novel option for energy management via the facade. <i>Energy and Buildings</i> , 2015, 86, 66-73.	3.1	39
4	Modeling of facade elements with switchable U-value. <i>Energy and Buildings</i> , 2018, 164, 1-13.	3.1	32
5	Variable g value of transparent faade collectors. <i>Energy and Buildings</i> , 2012, 51, 177-184.	3.1	22
6	Barriers to the Market Penetration of Faade-integrated Solar Thermal Systems. <i>Energy Procedia</i> , 2014, 48, 1336-1344.	1.8	21
7	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.	1.0	20
8	Simple models for building-integrated solar thermal systems. <i>Energy and Buildings</i> , 2015, 103, 118-123.	3.1	19
9	Solar Heating and Cooling with Transparent Faade Collectors in a Demonstration Building. <i>Energy Procedia</i> , 2012, 30, 1035-1041.	1.8	16
10	Building product ontology: Core ontology for Linked Building Product Data. <i>Automation in Construction</i> , 2022, 133, 103927.	4.8	13
11	First Measurement Results of a Pilot Building with Transparent Faade Collectors. <i>Energy Procedia</i> , 2014, 48, 1385-1392.	1.8	10
12	Solar Thermal Systems – Towards a Systematic Characterization of Building Integration. <i>Energy Procedia</i> , 2016, 91, 897-906.	1.8	5
13	Machine-code functions in BIM for cost-effective high-quality buildings. <i>Energy and Buildings</i> , 2017, 155, 467-474.	3.1	4
14	Mass Flow, Pressure Drop, and Leakage Dependent Modeling and Characterization of Solar Air Collectors. <i>Energy Procedia</i> , 2014, 48, 250-263.	1.8	3
15	Methodology and First Results of an R&D Road Map for Faade-integrated Solar Thermal Systems. <i>Energy Procedia</i> , 2015, 70, 704-708.	1.8	3
16	Translucent wall elements with switchable U- and g-value. <i>Ce/Papers</i> , 2018, 2, 245-253.	0.1	3