Ellika Taveres-Cachat

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.

8 papers	114 citations	5 h-index	8 g-index
8 ext. papers	165 ext. citations	5.3 avg, IF	3.53 L-index

#	Paper	IF	Citations
8	A methodology to improve the performance of PV integrated shading devices using multi-objective optimization. *Applied Energy*, **2019**, 247, 731-744	10.7	42
7	Responsive building envelope concepts in zero emission neighborhoods and smart cities - A roadmap to implementation. *Building and Environment*, **2019**, 149, 446-457	6.5	39
6	Balancing competing parameters in search of optimal configurations for a fix louvre blade system with integrated PV. *Energy Procedia*, **2017**, 122, 607-612	2.3	16
5	Ten questions concerning co-simulation for performance prediction of advanced building envelopes. *Building and Environment*, **2021**, 191, 107570	6.5	7
4	Exploring the impact of problem formulation in numerical optimization: A case study of the design of PV integrated shading systems. *Building and Environment*, **2021**, 188, 107422	6.5	5
3	Co-simulation and validation of the performance of a highly flexible parametric model of an external shading system. *Building and Environment*, **2020**, 182, 107111	6.5	3
2	Investigating the performance of a hybrid PV integrated shading device using multi-objective optimization. *Journal of Physics: Conference Series*, **2019**, 1343, 012086	0.3	2
1	Assessing Responsive Building Envelope Designs through Robustness-Based Multi-Criteria Decision Making in Zero-Emission Buildings. *Energies*, **2022**, 15, 1314	3.1	