Rita Streblow

List of Publications by Year
in descending order

25 papers	843 citations	759233 12 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	1013 citing authors

#	Article	IF	Citations
1	Evaluating heat pump system design methods towards a sustainable heat supply in residential buildings. Applied Energy, 2022, 308, 118204.	10.1	10
2	State of the Art of Technologies in Adaptive Dynamic Building Envelopes (ADBEs). Energies, 2022, 15, 829.	3.1	12
3	Towards an integral decision-making process applied to the refrigerant selection in heat pumps. Renewable Energy, 2022, 192, 815-827.	8.9	5
4	Post-Workshop Report for Plug-N-Harvest Modular Façade Retrofit Workshop on Sustainable Places 2019. Proceedings (mdpi), 2019, 20, .	0.2	0
5	Potential and Optimal Sizing of Combined Heat and Electrical Storage in Private Households. Energy Procedia, 2016, 99, 174-181.	1.8	4
6	Simulation-based implementation and evaluation of a system of systems optimization algorithm in a building control system. , 2016, , .		7
7	Energy performance gap in refurbished German dwellings: Lesson learned from a field test. Energy and Buildings, 2016, 127, 1146-1158.	6.7	180
8	Workflow automation for combined modeling of buildings and district energy systems. Energy, 2016, 117, 478-484.	8.8	41
9	Development and validation of grey-box models for forecasting the thermal response of occupied buildings. Energy and Buildings, 2016, 117, 199-207.	6.7	124
10	Modeling and simulation of the heating circuit of a multi-functional building. Energy and Buildings, 2016, 110, 13-22.	6.7	24
11	MIP approach for designing heating systems in residential buildings and neighbourhoods. Journal of Building Performance Simulation, 2016, 9, 316-330.	2.0	20
12	Feasibility and potential of thermal demand side management in residential buildings considering different developments in the German energy market. Energy Conversion and Management, 2016, 107, 86-95.	9.2	38
13	The Effect of Furniture and Floor Covering Upon Dynamic Thermal Building Simulations. Energy Procedia, 2015, 78, 2154-2159.	1.8	18
14	Ergebnisse einer energetischen Sanierung: Abweichung zwischen Energiebedarf und Verbrauch - ist nur der Nutzer Schuld?. Bauphysik, 2015, 37, 100-104.	0.5	2
15	Decentralized scheduling strategy of heating systems for balancing the residual load. Building and Environment, 2015, 86, 132-140.	6.9	24
16	A comparison of thermal energy storage models for building energy system optimization. Energy and Buildings, 2015, 93, 23-31.	6.7	45
17	CO_2 based occupancy detection algorithm: Experimental analysis and validation for office and residential buildings. Building and Environment, 2015, 86, 39-49.	6.9	172
18	Demand side management for city districts. Building and Environment, 2015, 91, 283-293.	6.9	63

#	Article	IF	Citations
19	Impact of control approaches for building energy systems on distribution grid state. , 2015, , .		0
20	Visualizing Simulation Results from Modelica Fluid Models Using Graph Drawing in Python. , 2015, , .		4
21	Development and design of a retrofit matrix for office buildings. Energy and Buildings, 2014, 70, 516-522.	6.7	14
22	The Modelica HouseModels Library: Presentation and Evaluation of a Room Model with the ASHRAE Standard 140. , 2014, , .		11
23	New energy concepts and related information technologies: Dual Demand Side Management. , 2012, , .		21
24	Energy and Comfort Model for Automobile Interior Spaces. ATZ Worldwide, 2011, 113, 10-15.	0.1	0
25	Thermisches Komfortmodell für inhomogene Umgebungsbedingungen. Bauphysik, 2009, 31, 38-41.	0.5	3