

Rita Streblow

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

843
citations

858243

12
h-index

889612

19
g-index

27
all docs

27
docs citations

27
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy performance gap in refurbished German dwellings: Lesson learned from a field test. Energy and Buildings, 2016, 127, 1146-1158.	3.1	180
2	CO 2 based occupancy detection algorithm: Experimental analysis and validation for office and residential buildings. Building and Environment, 2015, 86, 39-49.	3.0	172
3	Development and validation of grey-box models for forecasting the thermal response of occupied buildings. Energy and Buildings, 2016, 117, 199-207.	3.1	124
4	Demand side management for city districts. Building and Environment, 2015, 91, 283-293.	3.0	63
5	A comparison of thermal energy storage models for building energy system optimization. Energy and Buildings, 2015, 93, 23-31.	3.1	45
6	Workflow automation for combined modeling of buildings and district energy systems. Energy, 2016, 117, 478-484.	4.5	41
7	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.	4.4	38
8	Decentralized scheduling strategy of heating systems for balancing the residual load. Building and Environment, 2015, 86, 132-140.	3.0	24
9	Modeling and simulation of the heating circuit of a multi-functional building. Energy and Buildings, 2016, 110, 13-22.	3.1	24
10	New energy concepts and related information technologies: Dual Demand Side Management. , 2012, , .		21
11	MIP approach for designing heating systems in residential buildings and neighbourhoods. Journal of Building Performance Simulation, 2016, 9, 316-330.	1.0	20
12	The Effect of Furniture and Floor Covering Upon Dynamic Thermal Building Simulations. Energy Procedia, 2015, 78, 2154-2159.	1.8	18
13	Development and design of a retrofit matrix for office buildings. Energy and Buildings, 2014, 70, 516-522.	3.1	14
14	State of the Art of Technologies in Adaptive Dynamic Building Envelopes (ADBEs). Energies, 2022, 15, 829.	1.6	12
15	The Modelica HouseModels Library: Presentation and Evaluation of a Room Model with the ASHRAE Standard 140. , 2014, , .		11
16	Evaluating heat pump system design methods towards a sustainable heat supply in residential buildings. Applied Energy, 2022, 308, 118204.	5.1	10
17	Simulation-based implementation and evaluation of a system of systems optimization algorithm in a building control system. , 2016, , .		7
18	Towards an integral decision-making process applied to the refrigerant selection in heat pumps. Renewable Energy, 2022, 192, 815-827.	4.3	5

#	ARTICLE	IF	CITATIONS
19	Potential and Optimal Sizing of Combined Heat and Electrical Storage in Private Households. Energy Procedia, 2016, 99, 174-181.	1.8	4
20	Visualizing Simulation Results from Modelica Fluid Models Using Graph Drawing in Python. , 2015, , .		4
21	Thermisches Komfortmodell für inhomogene Umgebungsbedingungen. Bauphysik, 2009, 31, 38-41.	1.2	3
22	Ergebnisse einer energetischen Sanierung: Abweichung zwischen Energiebedarf und Verbrauch - ist nur der Nutzer Schuld?. Bauphysik, 2015, 37, 100-104.	1.2	2
23	Energy and Comfort Model for Automobile Interior Spaces. ATZ Worldwide, 2011, 113, 10-15.	0.1	0
24	Impact of control approaches for building energy systems on distribution grid state. , 2015, , .		0
25	Post-Workshop Report for Plug-N-Harvest Modular Façade Retrofit Workshop on Sustainable Places 2019. Proceedings (mdpi), 2019, 20, .	0.2	0