Glenn Reynders

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6576102/publications.pdf

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18 papers	1,264 citations	759055 12 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	921 citing authors

#	Article	IF	Citations
1	IEA EBC Annex 67 Energy Flexible Buildings. Energy and Buildings, 2017, 155, 25-34.	3.1	287
2	Characterizing the energy flexibility of buildings and districts. Applied Energy, 2018, 225, 175-182.	5.1	239
3	Generic characterization method for energy flexibility: Applied to structural thermal storage in residential buildings. Applied Energy, 2017, 198, 192-202.	5.1	153
4	Quality of grey-box models and identified parameters as function of the accuracy of input and observation signals. Energy and Buildings, 2014, 82, 263-274.	3.1	150
5	Energy flexible buildings: An evaluation of definitions and quantification methodologies applied to thermal storage. Energy and Buildings, 2018, 166, 372-390.	3.1	145
6	Implementation and verification of the IDEAS building energy simulation library. Journal of Building Performance Simulation, 2018, 11, 669-688.	1.0	90
7	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">CO</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></m cost of residential heat pumps with active demand response: demand- and supply-side effects. Applied Energy, 2015, 156, 490-501.	5.1	86
8	A building clustering approach for urban energy simulations. Energy and Buildings, 2020, 208, 109671.	3.1	30
9	Impact of building geometry description within district energy simulations. Energy, 2018, 158, 1060-1069.	4.5	27
10	Characterisation and use of energy flexibility in water pumping and storage systems. Applied Energy, 2020, 277, 115587.	5.1	17
11	Impact of source variability on flexibility for demand response. Energy, 2021, 237, 121612.	4.5	15
12	Towards the characterization of the heat loss coefficient via on-board monitoring: Physical interpretation of ARX model coefficients. Energy and Buildings, 2019, 195, 180-194.	3.1	12
13	Assessment of data analysis methods to identify the heat loss coefficient from on-board monitoring data. Energy and Buildings, 2020, 209, 109706.	3.1	12
14	A standardised flexibility assessment methodology for demand response. International Journal of Building Pathology and Adaptation, 2019, 38, 20-37.	0.7	8
15	A simulation exercise to improve building energy performance characterization via on-board monitoring. Energy Procedia, 2017, 132, 969-974.	1.8	7
16	Impact of spatial accuracy on district energy simulations. Energy Procedia, 2017, 132, 561-566.	1.8	7
17	Impact of the Heat Emission System on the Identification of Grey-box Models for Residential Buildings. Energy Procedia, 2015, 78, 3300-3305.	1.8	5
18	Mapping the pitfalls in the characterisation of the heat loss coefficient from on-board monitoring data using ARX models. Energy and Buildings, 2019, 197, 214-228.	3.1	4