

Glenn Reynders

List of Publications by Year in descending order

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

Version: 2024-02-01

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	Impact of source variability on flexibility for demand response. Energy, 2021, 237, 121612.	4.5	15
2	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
3	A building clustering approach for urban energy simulations. Energy and Buildings, 2020, 208, 109671.	3.1	30
4	Characterisation and use of energy flexibility in water pumping and storage systems. Applied Energy, 2020, 277, 115587.	5.1	17
5	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
6	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
7	A standardised flexibility assessment methodology for demand response. International Journal of Building Pathology and Adaptation, 2019, 38, 20-37.	0.7	8
8	Energy flexible buildings: An evaluation of definitions and quantification methodologies applied to thermal storage. Energy and Buildings, 2018, 166, 372-390.	3.1	145
9	Implementation and verification of the IDEAS building energy simulation library. Journal of Building Performance Simulation, 2018, 11, 669-688.	1.0	90
10	Characterizing the energy flexibility of buildings and districts. Applied Energy, 2018, 225, 175-182.	5.1	239
11	Impact of building geometry description within district energy simulations. Energy, 2018, 158, 1060-1069.	4.5	27
12	Generic characterization method for energy flexibility: Applied to structural thermal storage in residential buildings. Applied Energy, 2017, 198, 192-202.	5.1	153
13	A simulation exercise to improve building energy performance characterization via on-board monitoring. Energy Procedia, 2017, 132, 969-974.	1.8	7
14	IEA EBC Annex 67 Energy Flexible Buildings. Energy and Buildings, 2017, 155, 25-34.	3.1	287
15	Impact of spatial accuracy on district energy simulations. Energy Procedia, 2017, 132, 561-566.	1.8	7
16	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
17	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"s1.gif"} \text{ overflow}=\text{"scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant}=\text{"normal"} \rangle \text{CO} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle 1 \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle 1 \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{cost of residential heat pumps with active demand response: demand- and supply-side effects. Applied Energy, 2015, 156, 490-501.$	3.1	150
18	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