Dieter Patteeuw

List of Publications by Year in descending order

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DIFTED DATTEFILM

#	Article	IF	CITATIONS
1	Clustering a building stock towards representative buildings in the context of air-conditioning electricity demand flexibility. Journal of Building Performance Simulation, 2019, 12, 56-67.	2.0	12
2	A theoretical benchmark for bypass controllers in a residential district heating network. Energy, 2018, 151, 45-53.	8.8	6
3	Harnessing Flexibility from Hot and Cold: Heat Storage and Hybrid Systems Can Play a Major Role. IEEE Power and Energy Magazine, 2017, 15, 25-33.	1.6	35
4	Ten questions concerning integrating smart buildings into the smart grid. Building and Environment, 2016, 108, 273-283.	6.9	112
5	Combined design and control optimization of residential heating systems in a smart-grid context. Energy and Buildings, 2016, 133, 640-657.	6.7	43
6	Active demand response with electric heating systems: Impact of market penetration. Applied Energy, 2016, 177, 636-648.	10.1	99
7	Comparison of load shifting incentives for low-energy buildings with heat pumps to attain grid flexibility benefits. Applied Energy, 2016, 167, 80-92.	10.1	83
8	Integrated modeling of active demand response with electric heating systems coupled to thermal energy storage systems. Applied Energy, 2015, 151, 306-319.	10.1	167
9	Optimal Control Approaches for Analysis of Energy Use Minimization of Hybrid Ground-Coupled Heat Pump Systems. IEEE Transactions on Control Systems Technology, 2015, , 1-1.	5.2	16
10	<pre><mml:math altimg="si1.gif" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mrow><mml:mi mathvariant="normal">CO</mml:mi></mml:mrow><mml:mrow><mml:mrow>2</mml:mrow></mml:mrow></mml:mrow></mml:mrow></mml:math></pre>	ubxa. <i>t</i> imml	:m ðo w>
11	Short-term demand response of flexible electric heating systems: The need for integrated simulations.		21 _

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