

Dieter Patteeuw

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

650
citations

1039406

9
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated modeling of active demand response with electric heating systems coupled to thermal energy storage systems. Applied Energy, 2015, 151, 306-319.	5.1	167
2	Ten questions concerning integrating smart buildings into the smart grid. Building and Environment, 2016, 108, 273-283.	3.0	112
3	Active demand response with electric heating systems: Impact of market penetration. Applied Energy, 2016, 177, 636-648.	5.1	99
4	Comparison of load shifting incentives for low-energy buildings with heat pumps to attain grid flexibility benefits. Applied Energy, 2016, 167, 80-92.	5.1	83
5	Cost of residential heat pumps with active demand response: demand- and supply-side effects. Applied Energy, 2015, 156, 490-501.	5.1	66
6	Combined design and control optimization of residential heating systems in a smart-grid context. Energy and Buildings, 2016, 133, 640-657.	3.1	43
7	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
8	Short-term demand response of flexible electric heating systems: The need for integrated simulations. , 2013, , .		21
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.	3.2	16
10	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.	1.0	12
11	A theoretical benchmark for bypass controllers in a residential district heating network. Energy, 2018, 151, 45-53.	4.5	6