

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 | 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 |
| 2 | A theoretical benchmark for bypass controllers in a residential district heating network. Energy, 2018, 151, 45-53. | 4.5 | 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. | 3.0 | 112 |
| 5 | Combined design and control optimization of residential heating systems in a smart-grid context. Energy and Buildings, 2016, 133, 640-657. | 3.1 | 43 |
| 6 | Active demand response with electric heating systems: Impact of market penetration. Applied Energy, 2016, 177, 636-648. | 5.1 | 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. | 5.1 | 83 |
| 8 | Integrated modeling of active demand response with electric heating systems coupled to thermal energy storage systems. Applied Energy, 2015, 151, 306-319. | 5.1 | 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. | 3.2 | 16 |
| 10 | CO_2 cost of residential heat pumps with active demand response: demand- and supply-side effects. Applied Energy, 2015, 156, 490-501. | 5.1 | 16 |
| 11 | Short-term demand response of flexible electric heating systems: The need for integrated simulations. , 2013, , . | | 21 |