

CITATION REPORT

List of articles citing

Predictive control of residential HVAC and its impact on the grid. Part I: simulation framework and models

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Journal of Building Performance Simulation, 2017, 10, 294-312

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| # | Paper | IF | Citations |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 14 | Clustering a building stock towards representative buildings in the context of air-conditioning electricity demand flexibility. <i>Journal of Building Performance Simulation</i> , 2019 , 12, 56-67 | 2.8 | 7 |
| 13 | Quantifying the Opportunity Limits of Automatic Residential Electric Load Shaping. <i>Energies</i> , 2019 , 12, 3204 | 3.1 | |
| 12 | Adaptive-predictive control strategy for HVAC systems in smart buildings [A review]. <i>Sustainable Cities and Society</i> , 2020 , 63, 102480 | 10.1 | 34 |
| 11 | Fault Diagnosis of HVAC System Considering LMBP Neural Network Method. <i>Journal of Physics: Conference Series</i> , 2020 , 1533, 032013 | 0.3 | 1 |
| 10 | Operation of power distribution networks with new and flexible loads: A case of existing residential low voltage network. <i>Energy</i> , 2020 , 202, 117715 | 7.9 | 5 |
| 9 | Advanced Control and Fault Detection Strategies for District Heating and Cooling Systems [A Review]. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 455 | 2.6 | 12 |
| 8 | Cooling system energy flexibility of a nearly zero-energy office building using building thermal mass: Potential evaluation and parametric analysis. <i>Energy and Buildings</i> , 2021 , 236, 110763 | 7 | 6 |
| 7 | State of the art review on model predictive control (MPC) in Heating Ventilation and Air-conditioning (HVAC) field. <i>Building and Environment</i> , 2021 , 200, 107952 | 6.5 | 33 |
| 6 | Development and evaluation of data-driven controls for residential smart thermostats. <i>Energy and Buildings</i> , 2021 , 249, 111201 | 7 | 2 |
| 5 | Thermal conditions in households and assessment of buildings flexibility potential. Variations in time, space and between dwellings. <i>Building and Environment</i> , 2021 , 206, 108353 | 6.5 | 0 |
| 4 | Energy Modelling and Analytics in the Built Environment [A Review of Their Role for Energy Transitions in the Construction Sector]. <i>Energies</i> , 2021 , 14, 679 | 3.1 | 12 |
| 3 | Building automation systems. 2022 , 525-581 | | 0 |
| 2 | Estimating the value of jointly optimized electric power generation and end use: a study of ISO-scale load shaping applied to the residential building stock. <i>Journal of Building Performance Simulation</i> , 1-29 | 2.8 | 0 |
| 1 | Binary Equilibrium Optimizer: theory and application in building optimal control problems. 2022 , 112503 | | 1 |