A Modelica library for the agent-based control of buildir

Citation Report

#	ARTICLE	IF	CITATIONS
1	Design an IoT-based building management cloud platform for green buildings. , 2017, , .		9
2	Optimization and multi-time scale modeling of pilot solar driven polygeneration system based on organic Rankine cycle. Applied Energy, 2018, 222, 396-409.	5.1	18
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4	Numerical Approach for the Design of Cost-Effective Renovation of Heating System Control in Buildings. , 2018, , .		0
5	Time-delay stability switching boundary determination for DC microgrid clusters with the distributed control framework. Applied Energy, 2018, 228, 189-204.	5.1	25
6	The impact of electric vehicle penetration and charging patterns on the management of energy hub â€" A multi-agent system simulation. Applied Energy, 2018, 230, 189-206.	5.1	71
7	Estimating country-specific space heating threshold temperatures from national gas and electricity consumption data. Energy and Buildings, 2019, 199, 368-380.	3.1	13
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9	Real-life implementation of a linear model predictive control in a building energy system. Journal of Building Engineering, 2019, 22, 451-463.	1.6	16
10	A combined moving boundary and discretized approach for dynamic modeling and simulation of geothermal heat pump systems. Thermal Science and Engineering Progress, 2019, 9, 215-234.	1.3	9
11	An Intelligent Security Defensive Model of SCADA Based on Multi-Agent in Oil and Gas Fields. International Journal of Pattern Recognition and Artificial Intelligence, 2020, 34, 2059003.	0.7	11
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16	An agent-based distributed real-time optimal control strategy for building HVAC systems for applications in the context of future IoT-based smart sensor networks. Applied Energy, 2020, 274, 115322.	5.1	27
17	A multi-agent based distributed approach for optimal control of multi-zone ventilation systems considering indoor air quality and energy use. Applied Energy, 2020, 275, 115371.	5.1	53
18	Improved day ahead heating demand forecasting by online correction methods. Energy and Buildings, 2020, 211, 109821.	3.1	28

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19	Neighborhood-level coordination and negotiation techniques for managing demand-side flexibility in residential microgrids. Renewable and Sustainable Energy Reviews, 2021, 135, 110248.	8.2	59
20	A multi agent-based optimal control method for combined cooling and power systems with thermal energy storage. Building Simulation, 2021, 14, 1709-1723.	3.0	14
21	Model predictive control strategy using encoder-decoder recurrent neural networks for smart control of thermal environment. Journal of Building Engineering, 2021, 42, 103017.	1.6	7
22	A Comprehensive Overview of IoT-Based Green Buildings. Advances in Civil and Industrial Engineering Book Series, 2020, , 111-127.	0.2	0
23	Time-dependent solar aperture estimation of a building: Comparing grey-box and white-box approaches. Renewable and Sustainable Energy Reviews, 2022, 161, 112337.	8.2	12
24	An Integrated Intelligent Modeling and Simulation Language for Model-based Systems Engineering. Journal of Industrial Information Integration, 2022, 28, 100347.	4.3	2
25	A Stochastic Approach to Integrating Electrical Thermal Storage in Distributed Demand Response for Nordic Communities With Wind Power Generation. IEEE Open Journal of Industry Applications, 2023, 4, 121-138.	4.8	2