Xuan Luo

List of Publications by Year
in descending order

13 papers	966 citations	687363 13 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	884 citing authors

#	Article	IF	Citations
1	Ten questions on urban building energy modeling. Building and Environment, 2020, 168, 106508.	6.9	224
2	State-of-the-art on research and applications of machine learning in the building life cycle. Energy and Buildings, 2020, 212, 109831.	6.7	182
3	Development of city buildings dataset for urban building energy modeling. Energy and Buildings, 2019, 183, 252-265.	6.7	96
4	An agent-based stochastic Occupancy Simulator. Building Simulation, 2018, 11, 37-49.	5.6	79
5	Electric load shape benchmarking for small- and medium-sized commercial buildings. Applied Energy, 2017, 204, 715-725.	10.1	75
6	Comparison of typical year and multiyear building simulations using a 55-year actual weather data set from China. Applied Energy, 2017, 195, 890-904.	10.1	66
7	Simulation and visualization of energy-related occupant behavior in office buildings. Building Simulation, 2017, 10, 785-798.	5.6	59
8	Performance evaluation of an agent-based occupancy simulation model. Building and Environment, 2017, 115, 42-53.	6.9	49
9	Urban microclimate and its impact on building performance: A case study of San Francisco. Urban Climate, 2021, 38, 100871.	5.7	35
10	City-Scale Building Anthropogenic Heating during Heat Waves. Atmosphere, 2020, 11, 1206.	2.3	32
11	Modeling and analysis of heat emissions from buildings to ambient air. Applied Energy, 2020, 277, 115566.	10.1	27
12	Modeling Thermal Interactions between Buildings in an Urban Context. Energies, 2020, 13, 2382.	3.1	23
13	Anthropogenic heating of the urban environment: An investigation of feedback dynamics between urban micro-climate and decomposed anthropogenic heating from buildings. Building and Environment, 2022, 213, 108841.	6.9	19