Jared Langevin

List of Publications by Year
in descending order

17 papers	1,543 citations	623188 14 h-index	940134 16 g-index
17 all docs	17 docs citations	17 times ranked	1581 citing authors

#	Article	IF	Citations
1	A global comparison of building decarbonization scenarios by 2050 towards 1.5â€"2â€‰Â°C targets. Nature Communications, 2022, 13, .	5.8	48
2	A Global Building Occupant Behavior Database. Scientific Data, 2022, 9, .	2.4	31
3	US building energy efficiency and flexibility as an electric grid resource. Joule, 2021, 5, 2102-2128.	11.7	55
4	Developing quantitative insights on building occupant behaviour: Supporting modelling tools and datasets. , 2020, , 283-319.		2
5	Assessing the Potential to Reduce U.S. Building CO2 Emissions 80% by 2050. Joule, 2019, 3, 2403-2424.	11.7	97
6	Assessing the time-sensitive impacts of energy efficiency and flexibility in the US building sector. Environmental Research Letters, 2019, 14, 124012.	2.2	10
7	Longitudinal dataset of human-building interactions in U.S. offices. Scientific Data, 2019, 6, 288.	2.4	12
8	Building simulation: Ten challenges. Building Simulation, 2018, 11, 871-898.	3.0	112
9	Past visions, current trends, and future context: A review of building energy, carbon, and sustainability. Renewable and Sustainable Energy Reviews, 2018, 82, 976-993.	8.2	57
10	The human dimensions of energy use in buildings: A review. Renewable and Sustainable Energy Reviews, 2018, 81, 731-742.	8.2	259
11	Development of the ASHRAE Global Thermal Comfort Database II. Building and Environment, 2018, 142, 502-512.	3.0	279
12	Ten questions concerning future buildings beyond zero energy and carbon neutrality. Building and Environment, 2017, 119, 169-182.	3.0	70
13	Quantifying the humanâ€"building interaction: Considering the active, adaptive occupant in building performance simulation. Energy and Buildings, 2016, 117, 372-386.	3.1	46
14	Simulating the human-building interaction: Development and validation of an agent-based model of office occupant behaviors. Building and Environment, 2015, 88, 27-45.	3.0	168
15	Tracking the human-building interaction: A longitudinal field study of occupant behavior in air-conditioned offices. Journal of Environmental Psychology, 2015, 42, 94-115.	2.3	115
16	Modeling thermal comfort holistically: Bayesian estimation of thermal sensation, acceptability, and preference distributions for office building occupants. Building and Environment, 2013, 69, 206-226.	3.0	74
17	Reducing energy consumption in low income public housing: Interviewing residents about energy behaviors. Applied Energy, 2013, 102, 1358-1370.	5.1	108