

Silvia Erba

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2882565/publications.pdf>

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14
papers

266
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermophysical and Mechanical Assessment of Unfired Clay Bricks with Dry Grass Fibrous Filler. International Journal of Thermophysics, 2022, 43, .	2.1	5
2	Retrofitting Buildings into Thermal Batteries for Demand-Side Flexibility and Thermal Safety during Power Outages in Winter. Energies, 2022, 15, 4405.	3.1	5
3	Combining Sufficiency, Efficiency and Flexibility to Achieve Positive Energy Districts Targets. Energies, 2021, 14, 4697.	3.1	22
4	On the impact of stochastic modeling of occupant behavior on the energy use of office buildings. Energy and Buildings, 2021, 246, 111049.	6.7	24
5	ASHRAE Likelihood of Dissatisfaction: A new right-here and right-now thermal comfort index for assessing the Likelihood of dissatisfaction according to the ASHRAE adaptive comfort model. Energy and Buildings, 2021, 250, 111286.	6.7	12
6	Performance Gap and Occupant Behavior in Building Retrofit: Focus on Dynamics of Change and Continuity in the Practice of Indoor Heating. Sustainability, 2020, 12, 5820.	3.2	15
7	A data-driven procedure to model occupancy and occupant-related electric load profiles in residential buildings for energy simulation. Energy and Buildings, 2019, 202, 109342.	6.7	58
8	Energy consumption, thermal comfort and load match: study of a monitored nearly Zero Energy Building in Mediterranean climate. IOP Conference Series: Materials Science and Engineering, 2019, 609, 062026.	0.6	3
9	Focus on soluble salts transport phenomena: The study cases of Leonardo mural paintings at Sala delle Asse (Milan). Construction and Building Materials, 2017, 136, 643-652.	7.2	7
10	The effect of weather datasets on building energy simulation outputs. Energy Procedia, 2017, 134, 545-554.	1.8	47
11	Addressing the challenges of public housing retrofits. Energy Procedia, 2017, 134, 442-451.	1.8	29
12	A high performance home in the Mediterranean climate: from the design principle to actual measurements. Energy Procedia, 2017, 140, 67-79.	1.8	23
13	Mosaicking thermal images of buildings. Proceedings of SPIE, 2013, , .	0.8	4
14	Generation of a GIS-based environment for infrared thermography analysis of buildings. , 2012, , .		7