

# Silvia Erba

## List of Publications by Year in descending order

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

Version: 2024-02-01

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