

Graziano Salvalai

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

505
citations

13
h-index

22
g-index

44
ext. papers

635
ext. citations

3.8
avg, IF

4.53
L-index

#	Paper	IF	Citations
42	De-Risking the Energy Efficient Renovation of Commercial Office Buildings through Technical-Financial Risk Assessment. <i>Sustainability</i> , 2022 , 14, 1011	3.6	0
41	PredicTAIL, a prediction method for indoor environmental quality in buildings undergoing deep energy renovation based on the TAIL rating scheme. <i>Energy and Buildings</i> , 2022 , 258, 111839	7	1
40	Merging Heat Stress Hazard and Crowding Features to Frame Risk Scenarios Within the Urban Built Environment. <i>Smart Innovation, Systems and Technologies</i> , 2022 , 293-303	0.5	1
39	Towards a Multi-risk Assessment of Open Spaces and Its Users: A Rapid Survey Form to Collect and Manage Risk Factors. <i>Smart Innovation, Systems and Technologies</i> , 2022 , 209-218	0.5	1
38	Monitoring Approaches for New-Generation Energy Performance Certificates in Residential Buildings. <i>Buildings</i> , 2022 , 12, 469	3.2	0
37	Long-Term Monitoring Strategies for Increasing EPCs Reliability. <i>Environmental Sciences Proceedings</i> , 2021 , 11, 16	1	1
36	ALDREN: A Methodological Framework to Support Decision-Making and Investments in Deep Energy Renovation of Non-Residential Buildings. <i>Buildings</i> , 2021 , 11, 3	3.2	3
35	Resilient and User-Centered Solutions for a Safer Built Environment Against Sudden and Slow Onset Disasters: The BE S2ECURe Project. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 309-319	0.5	2
34	Slow Onset Disaster Events Factors in Italian Built Environment Archetypes. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 333-343	0.5	4
33	Flexible Workflow for Determining Critical Hazard and Exposure Scenarios for Assessing SLODs Risk in Urban Built Environments. <i>Sustainability</i> , 2021 , 13, 4538	3.6	1
32	A New Approach to Assess the Built Environment Risk under the Conjunct Effect of Critical Slow Onset Disasters: A Case Study in Milan, Italy. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1186	2.6	3
31	Built Environments Prone to Sudden and Slow Onset Disasters: From Taxonomy Towards Approaches for Pervasive Training of Users. <i>Lecture Notes in Computer Science</i> , 2021 , 125-139	0.9	0
30	Towards integrating occupant behaviour modelling in simulation-aided building design: Reasons, challenges and solutions. <i>Energy and Buildings</i> , 2021 , 253, 111498	7	2
29	Overview of the Available Knowledge for the Data Model Definition of a Building Renovation Passport for Non-Residential Buildings: The ALDREN Project Experience. <i>Sustainability</i> , 2020 , 12, 642	3.6	13
28	Borboleta and Papagaio: Emergency Unit and Children's Nutritional Center in Farim, Guinea-Bissau. <i>Research for Development</i> , 2020 , 99-110	0.4	
27	Ski Yurt: Upcycle of Downhill Skis for a Shelter in Cacine, Guinea-Bissau. <i>Research for Development</i> , 2020 , 71-83	0.4	
26	Design and Performance Analysis of a Lightweight Flexible nZEB. <i>Sustainability</i> , 2020 , 12, 5986	3.6	2

25	Integrated distribution system and urban district planning with high renewable penetrations. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2019 , 8, e339	4.7	6
24	New method for the early design of BIPV with electric storage: A case study in northern Italy. <i>Sustainable Cities and Society</i> , 2019 , 48, 101400	10.1	25
23	SMALL IS MORE. Wooden Pavilion As a Path of Research. <i>Lecture Notes in Civil Engineering</i> , 2019 , 1501-1535		
22	EXPERIMENTAL ANALYSIS OF DIFFERENT INSULATED FAÇADE TECHNOLOGIES IN SUMMER CONDITION. <i>Journal of Green Building</i> , 2019 , 14, 77-91	1.3	0
21	Nearly zero energy building renovation: From energy efficiency to environmental efficiency, a pilot case study. <i>Energy and Buildings</i> , 2018 , 166, 271-283	7	50
20	What Is an Active House? A Vision Beyond 2020. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 1-33	0.4	
19	Relevant Case Studies: A Benchmark for Future Design. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 101-138	0.4	
18	A Reflection on Active House in Warm Climates. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 53-73	0.4	
17	NZEB and Active House: A Case Study of Residential Building in Northern Italy. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 75-100	0.4	0
16	A New Paradigm for Holistic Design: Active House Prototypes at Politecnico di Milano. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 35-52	0.4	
15	A review on Building Renovation Passport: Potentialities and barriers on current initiatives. <i>Energy and Buildings</i> , 2018 , 173, 195-205	7	38
14	Active House: Smart Nearly Zero Energy Buildings. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 ,	0.4	5
13	Analysis of different energy conservation strategies on existing school buildings in a Pre-Alpine Region. <i>Energy and Buildings</i> , 2017 , 145, 92-106	7	24
12	Deep renovation of multi-storey multi-owner existing residential buildings: A pilot case study in Italy. <i>Energy and Buildings</i> , 2017 , 148, 23-36	7	34
11	Comfort analysis applied to the international standard Active House—The case of RhOME, the winning prototype of Solar Decathlon 2014. <i>Journal of Building Engineering</i> , 2017 , 12, 210-218	5.2	12
10	The use of building technology to support disaster resilience: the case study of air shelter house. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2017 , 8, 139-157	1.4	
9	Architecture for Refugees, Resilience Shelter Project: A Case Study Using Recycled Skis. <i>Procedia Engineering</i> , 2017 , 180, 1110-1120		5
8	Methodology of energy efficient building refurbishment: Application on two university campus-building case studies in Italy with engineering students. <i>Journal of Building Engineering</i> , 2016 , 6, 54-64	5.2	28

7	Thermal performance measurement and application of a multilayer insulator for emergency architecture. <i>Applied Thermal Engineering</i> , 2015 , 82, 110-119	5.8	23
6	Italian local codes for energy efficiency of buildings: Theoretical definition and experimental application to a residential case study. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 42, 1245-1259	16.2	40
5	Cooling concepts for non-residential buildings: A comparison of cooling concepts in different climate zones. <i>Energy and Buildings</i> , 2014 , 82, 447-456	7	15
4	Air Shelter House Technology and its Application to Shelter Units: the Case of Scaffold House and Cardboard Shelter Installations. <i>Procedia Economics and Finance</i> , 2014 , 18, 552-559		6
3	Overview on life cycle methodologies and economic feasibility for nZEBs. <i>Building and Environment</i> , 2013 , 67, 211-216	6.5	94
2	Assessing energy and thermal comfort of different low-energy cooling concepts for non-residential buildings. <i>Energy Conversion and Management</i> , 2013 , 76, 332-341	10.6	36
1	Implementation and validation of simplified heat pump model in IDA-ICE energy simulation environment. <i>Energy and Buildings</i> , 2012 , 49, 132-141	7	30