

Arianna Brambilla

List of Publications by Citations

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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.

33
papers

235
citations

9
h-index

14
g-index

36
ext. papers

351
ext. citations

3.7
avg, IF

4.41
L-index

#	Paper	IF	Citations
33	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
32	Mould growth in energy efficient buildings: Causes, health implications and strategies to mitigate the risk. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 132, 110093	16.2	34
31	Preventing overheating in offices through thermal inertial properties of compressed earth bricks: A study on a real scale prototype. <i>Energy and Buildings</i> , 2017 , 156, 281-292	7	26
30	On the Influence of Thermal Mass and Natural Ventilation on Overheating Risk in Offices. <i>Buildings</i> , 2018 , 8, 47	3.2	20
29	How correlated colour temperature manipulates human thermal perception and comfort. <i>Building and Environment</i> , 2020 , 177, 106929	6.5	19
28	Bridging biophilic design and environmentally sustainable design: A critical review. <i>Journal of Cleaner Production</i> , 2021 , 283, 124591	10.3	13
27	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
26	Our inherent desire for control – a case study of automation’s impact on the perception of comfort. <i>Energy Procedia</i> , 2017 , 122, 925-930	2.3	9
25	In search of optimal consumption: A review of causes and solutions to the Energy Performance Gap in residential buildings. <i>Energy and Buildings</i> , 2021 , 249, 111253	7	9
24	Hygrothermal behaviour of emerging timber-based envelope technologies in Australia: A preliminary investigation on condensation and mould growth risk. <i>Journal of Cleaner Production</i> , 2020 , 276, 124129	10.3	8
23	Life cycle efficiency ratio: A new performance indicator for a life cycle driven approach to evaluate the potential of ventilative cooling and thermal inertia. <i>Energy and Buildings</i> , 2018 , 163, 22-33	7	7
22	Active House: Smart Nearly Zero Energy Buildings. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 ,	0.4	5
21	Microtimber: The Development of a 3D Printed Composite Panel Made from Waste Wood and Recycled Plastics. <i>Lecture Notes in Civil Engineering</i> , 2019 , 827-848	0.3	4
20	DEVELOPING A PEDAGOGICAL MODEL FOR BIOPHILIC DESIGN: AN INTEGRATIVE CONJECTURE MAPPING AND ACTION RESEARCH APPROACH 2020 ,		4
19	Energy Performance Certificate for buildings as a strategy for the energy transition: Stakeholder insights on shortcomings. <i>IOP Conference Series: Earth and Environmental Science</i> , 588 , 022003	0.3	3
18	Toward LCA-lite: A Simplified Tool to Easily Apply LCA Logic at the Early Design Stage of Building in Australia. <i>European Journal of Sustainable Development (discontinued)</i> , 2019 , 8, 383	1.7	2
17	A novel theoretical method for predicting the effects of lighting colour temperature on physiological responses and indoor thermal perception. <i>Building and Environment</i> , 2021 , 203, 108062	6.5	2

16	A climate-based moisture index approach for hygrothermal analysis in Australia. <i>Journal of Physics: Conference Series</i> , 2021 , 2069, 012065	0.3	1
15	The impacts of COVID-19 pandemic on the hygrothermal environment of our homes. <i>Journal of Physics: Conference Series</i> , 2021 , 2069, 012248	0.3	1
14	Mould Growth Models and Risk Assessment for Emerging Timber Envelopes in Australia: A Comparative Study. <i>Buildings</i> , 2021 , 11, 261	3.2	1
13	Moisture and buildings 2021 , 1-8		1
12	Can commercial buildings cope with Australian bushfires? An IAQ analysis. <i>Buildings and Cities</i> , 2021 , 2, 583-598	3.3	1
11	Biophilic Water Criteria: Exploring a Technique to Develop an Environmentally Sustainable Biophilic Design Framework. <i>Advances in Science, Technology and Innovation</i> , 2021 , 437-447	0.3	1
10	An Australian climate-based characterization of hygrothermal risks for buildings. <i>Energy and Buildings</i> , 2022 , 112086	7	1
9	The Potential of Harnessing Real-Time Occupancy Data for Improving Energy Performance of Activity-Based Workplaces. <i>Energies</i> , 2022 , 15, 230	3.1	1
8	Mass Timber Envelopes in Passivhaus Buildings: Designing for Moisture Safety in Hot and Humid Australian Climates. <i>Buildings</i> , 2021 , 11, 478	3.2	0
7	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
6	Faàde innovation: between Product and Process 2022 , 1-13		
5	What Is an Active House? A Vision Beyond 2020. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 1-33	0.4	
4	Relevant Case Studies: A Benchmark for Future Design. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 101-138	0.4	
3	A Reflection on Active House in Warm Climates. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2018 , 53-73	0.4	
2	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	
1	Durability, condensation assessment and prevention 2021 , 27-62		