

Ming Hu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8417916/ming-hu-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

36
papers

304
citations

10
h-index

15
g-index

40
ext. papers

435
ext. citations

4.6
avg, IF

5.28
L-index

#	Paper	IF	Citations
36	The role of built and social environmental factors in Covid-19 transmission: A look at America's capital city. <i>Sustainable Cities and Society</i> , 2021 , 65, 102580	10.1	48
35	Mind the energy performance gap: Evidence from green commercial buildings. <i>Resources, Conservation and Recycling</i> , 2019 , 141, 364-377	11.9	26
34	Does zero energy building cost more? An empirical comparison of the construction costs for zero energy education building in United States. <i>Sustainable Cities and Society</i> , 2019 , 45, 324-334	10.1	26
33	Building impact assessment: A combined life cycle assessment and multi-criteria decision analysis framework. <i>Resources, Conservation and Recycling</i> , 2019 , 150, 104410	11.9	22
32	A comparison of building energy codes and policies in the USA, Germany, and China: progress toward the net-zero building goal in three countries. <i>Clean Technologies and Environmental Policy</i> , 2019 , 21, 291-305	4.3	21
31	Balance between energy conservation and environmental impact: Life-cycle energy analysis and life-cycle environmental impact analysis. <i>Energy and Buildings</i> , 2017 , 140, 131-139	7	17
30	Dynamic life cycle assessment integrating value choice and temporal factors: A case study of an elementary school. <i>Energy and Buildings</i> , 2018 , 158, 1087-1096	7	14
29	Visualizing the research of embodied energy and environmental impact research in the building and construction field: A bibliometric analysis. <i>Developments in the Built Environment</i> , 2020 , 3, 100010	5.1	10
28	A Framework for Understanding Sense of Place in an Urban Design Context. <i>Urban Science</i> , 2018 , 2, 34	2.2	10
27	Life-cycle environmental assessment of energy-retrofit strategies on a campus scale. <i>Building Research and Information</i> , 2020 , 48, 659-680	4.3	10
26	BIM-Enabled Pedagogy Approach: Using BIM as an Instructional Tool in Technology Courses. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2019 , 145, 05018017	0.7	10
25	Optimal Renovation Strategies for Education Buildings: A Novel BIM-BPM-BEM Framework. <i>Sustainability</i> , 2018 , 10, 3287	3.6	9
24	Sustainable design rating system comparison using a life-cycle methodology. <i>Building and Environment</i> , 2017 , 126, 410-421	6.5	8
23	Cost-Effective Options for the Renovation of an Existing Education Building toward the Nearly Net-Zero Energy Goal: Life-Cycle Cost Analysis. <i>Sustainability</i> , 2019 , 11, 2444	3.6	8
22	A Building Life-Cycle Embodied Performance Index: The Relationship between Embodied Energy, Embodied Carbon and Environmental Impact. <i>Energies</i> , 2020 , 13, 1905	3.1	8
21	ASSESSMENT OF EFFECTIVE ENERGY RETROFIT STRATEGIES AND RELATED IMPACT ON INDOOR ENVIRONMENTAL QUALITY. <i>Journal of Green Building</i> , 2017 , 12, 38-55	1.3	8
20	Value-Driven Design Process: A Systematic Decision-Making Framework Considering Different Attribute Preferences From Multiple Stakeholders. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2017 , 139,	2.3	6

19	Literature Review of Net Zero and Resilience Research of the Urban Environment: A Citation Analysis Using Big Data. <i>Energies</i> , 2019 , 12, 1539	3.1	6
18	Built Environment Evaluation in Virtual Reality Environments—A Cognitive Neuroscience Approach. <i>Urban Science</i> , 2020 , 4, 48	2.2	5
17	Examining the Influence of a New Light Rail Line on the Health of a Demographically Diverse and Understudied Population within the Washington, D.C. Metropolitan Area: A Protocol for a Natural Experiment Study. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
16	2019 energy benchmarking data for LEED-certified buildings in Washington, D.C.: Simulation and reality. <i>Journal of Building Engineering</i> , 2021 , 42, 102475	5.2	5
15	Exploring a sustainable building’s impact on occupant mental health and cognitive function in a virtual environment. <i>Scientific Reports</i> , 2021 , 11, 5644	4.9	4
14	A REVIEW OF LIFE CYCLE RESEARCH OF THE BUILT ENVIRONMENT AT DIFFERENCE SCALES: A CITATION ANALYSIS USING BIG DATA. <i>Journal of Green Building</i> , 2019 , 14, 63-80	1.3	3
13	Green Building Construction Cost Surcharge: An Overview. <i>Journal of Architectural Engineering</i> , 2021 , 27, 04021034	1.5	3
12	Impact of high, low, and non-optimum temperatures on chronic kidney disease in a changing climate, 1990-2019: A global analysis.. <i>Environmental Research</i> , 2022 , 113172	7.9	3
11	Connections and Divergence between Public Health and Built Environment—A Scoping Review. <i>Urban Science</i> , 2020 , 4, 12	2.2	2
10	The Status of Embodied Carbon in Building Practice and Research in the United States: A Systematic Investigation. <i>Sustainability</i> , 2021 , 13, 12961	3.6	1
9	Response to another look at 2019 energy benchmarking data for LEED-certified buildings in Washington, D.C.: Simulation and reality— <i>Journal of Building Engineering</i> , 2021 , 46, 103694	5.2	1
8	Factors influencing existing medium-sized commercial building energy retrofits to achieve the net zero energy goal in the United States. <i>Building Research and Information</i> , 2020 , 1-18	4.3	1
7	Monte Carlo simulation approach to understand the cost variance for energy retrofit projects: comparative study of Finland and the United States. <i>Construction Management and Economics</i> , 1-16	3	0
6	Factors That Impact Human Health in the Built Environment 2021 , 37-56		0
5	The Embodied Impact of Existing Building Stock. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 2020 , 1-31	0.3	
4	Indoor Environmental Impact on Human Health 2021 , 57-74		
3	Multifamily building energy retrofit comparison between the United States and Finland. <i>Energy and Buildings</i> , 2022 , 256, 111685	7	
2	Beyond Operational Energy Efficiency: A Balanced Sustainability Index from a Life Cycle Consideration. <i>Sustainability</i> , 2021 , 13, 11263	3.6	

1 The impact of the design team characteristics on the sustainable building construction cost: structural equation model analysis. *Architectural Engineering and Design Management*,1-17

1.2