

Ming Hu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

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	Multifamily building energy retrofit comparison between the United States and Finland. <i>Energy and Buildings</i> , 2022 , 256, 111685	7	
35	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
34	Indoor Environmental Impact on Human Health 2021 , 57-74		
33	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
32	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
31	Beyond Operational Energy Efficiency: A Balanced Sustainability Index from a Life Cycle Consideration. <i>Sustainability</i> , 2021 , 13, 11263	3.6	
30	Factors That Impact Human Health in the Built Environment 2021 , 37-56		0
29	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
28	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
27	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
26	Green Building Construction Cost Surcharge: An Overview. <i>Journal of Architectural Engineering</i> , 2021 , 27, 04021034	1.5	3
25	Built Environment Evaluation in Virtual Reality Environments: A Cognitive Neuroscience Approach. <i>Urban Science</i> , 2020 , 4, 48	2.2	5
24	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
23	Connections and Divergence between Public Health and Built Environment: A Scoping Review. <i>Urban Science</i> , 2020 , 4, 12	2.2	2
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	The Embodied Impact of Existing Building Stock. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 2020 , 1-31	0.3	
20	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

19	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
18	Building impact assessmentA combined life cycle assessment and multi-criteria decision analysis framework. <i>Resources, Conservation and Recycling</i> , 2019 , 150, 104410	11.9	22
17	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
16	Cost-Effective Options for the Renovation of an Existing Education Building toward the Nearly Net-Zero Energy GoalLife-Cycle Cost Analysis. <i>Sustainability</i> , 2019 , 11, 2444	3.6	8
15	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
14	Mind the energy performance gap: Evidence from green commercial buildings. <i>Resources, Conservation and Recycling</i> , 2019 , 141, 364-377	11.9	26
13	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
12	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
11	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
10	Dynamic life cycle assessment integrating value choice and temporal factorsA case study of an elementary school. <i>Energy and Buildings</i> , 2018 , 158, 1087-1096	7	14
9	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
8	A Framework for Understanding Sense of Place in an Urban Design Context. <i>Urban Science</i> , 2018 , 2, 34	2.2	10
7	Optimal Renovation Strategies for Education BuildingsA Novel BIMBPMBEM Framework. <i>Sustainability</i> , 2018 , 10, 3287	3.6	9
6	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
5	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
4	Sustainable design rating system comparison using a life-cycle methodology. <i>Building and Environment</i> , 2017 , 126, 410-421	6.5	8
3	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
2	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

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