

Ming Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8417916/publications.pdf>

Version: 2024-02-01

40
papers

556
citations

687363

13
h-index

677142

22
g-index

40
all docs

40
docs citations

40
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.4	100
2	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.	10.4	45
3	Mind the energy performance gap: Evidence from green commercial buildings. <i>Resources, Conservation and Recycling</i> , 2019, 141, 364-377.	10.8	43
4	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.	4.1	41
5	Building impact assessment—A combined life cycle assessment and multi-criteria decision analysis framework. <i>Resources, Conservation and Recycling</i> , 2019, 150, 104410.	10.8	30
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.	6.7	22
7	Optimal Renovation Strategies for Education Buildings—A Novel BIM-BPM-BEM Framework. <i>Sustainability</i> , 2018, 10, 3287.	3.2	21
8	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.	4.0	20
9	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.	6.7	19
10	A Framework for Understanding Sense of Place in an Urban Design Context. <i>Urban Science</i> , 2018, 2, 34.	2.3	18
11	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	17
12	Life-cycle environmental assessment of energy-retrofit strategies on a campus scale. <i>Building Research and Information</i> , 2020, 48, 659-680.	3.9	16
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, .	0.9	15
14	Built Environment Evaluation in Virtual Reality Environments—A Cognitive Neuroscience Approach. <i>Urban Science</i> , 2020, 4, 48.	2.3	15
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.	3.3	14
16	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, 212, 113172.	7.5	14
17	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.	3.2	13
18	ASSESSMENT OF EFFECTIVE ENERGY RETROFIT STRATEGIES AND RELATED IMPACT ON INDOOR ENVIRONMENTAL QUALITY. <i>Journal of Green Building</i> , 2017, 12, 38-55.	0.8	12

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19	Sustainable design rating system comparison using a life-cycle methodology. <i>Building and Environment</i> , 2017, 126, 410-421.	6.9	11
20	2019 energy benchmarking data for LEED-certified buildings in Washington, D.C.: Simulation and reality. <i>Journal of Building Engineering</i> , 2021, 42, 102475.	3.4	11
21	The Status of Embodied Carbon in Building Practice and Research in the United States: A Systematic Investigation. <i>Sustainability</i> , 2021, 13, 12961.	3.2	9
22	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, .	1.8	8
23	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, 333.	2.6	8
24	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	8
25	Green Building Construction Cost Surcharge: An Overview. <i>Journal of Architectural Engineering</i> , 2021, 27, .	1.6	8
26	Connections and Divergence between Public Health and Built Environmentâ€”A Scoping Review. <i>Urban Science</i> , 2020, 4, 12.	2.3	3
27	Editorial: Sustainable, Healthy Buildings & Communities. <i>Building and Environment</i> , 2020, 174, 106806.	6.9	3
28	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.	0.8	3
29	Response to another look at â€œ2019 energy benchmarking data for LEED-certified buildings in Washington, D.C.: Simulation and realityâ€. <i>Journal of Building Engineering</i> , 2022, 46, 103694.	3.4	2
30	The impact of the design team characteristics on the sustainable building construction cost: structural equation model analysis. <i>Architectural Engineering and Design Management</i> , 2022, 18, 614-630.	1.7	2
31	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.	3.9	1
32	A Review of Building Construction Cost Research: Current Status, Gaps and Green Buildings. <i>Green Building & Construction Economic</i> , 0, , 1-17.	0.0	1
33	Net Zero Energy Building. , 0, , .		1
34	Factors That Impact Human Health in the Built Environment. , 2021, , 37-56.		1
35	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> , 0, , 1-16.	3.0	1
36	Beyond Operational Energy Efficiency: A Balanced Sustainability Index from a Life Cycle Consideration. <i>Sustainability</i> , 2021, 13, 11263.	3.2	0

#	ARTICLE	IF	CITATIONS
37	The Embodied Impact of Existing Building Stock. Impact of Meat Consumption on Health and Environmental Sustainability, 2020, , 1-31.	0.4	0
38	Indoor Environmental Impact on Human Health. , 2021, , 57-74.		0
39	Multifamily building energy retrofit comparison between the United States and Finland. Energy and Buildings, 2022, 256, 111685.	6.7	0
40	A BIM-enabled Pedagogical Approach. , 0, , .		0