

Hong Xian Li

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.

48
papers

629
citations

16
h-index

23
g-index

53
ext. papers

936
ext. citations

5.4
avg, IF

4.87
L-index

#	Paper	IF	Citations
48	Risk identification and assessment of modular construction utilizing fuzzy analytic hierarchy process (AHP) and simulation. <i>Canadian Journal of Civil Engineering</i> , 2013 , 40, 1184-1195	1.3	67
47	A review on renewable energy transition in Australia: An updated depiction. <i>Journal of Cleaner Production</i> , 2020 , 242, 118475	10.3	63
46	Factors driving the implementation of reverse logistics: A quantified model for the construction industry. <i>Waste Management</i> , 2018 , 79, 48-57	8.6	52
45	Spatial gaps in urban public transport supply and demand from the perspective of sustainability. <i>Journal of Cleaner Production</i> , 2018 , 195, 1237-1248	10.3	32
44	Design approaches and typologies of adaptive facades: A review. <i>Automation in Construction</i> , 2021 , 121, 103450	9.6	26
43	An integrated simulation and optimization approach for reducing CO ₂ emissions from on-site construction process in cold regions. <i>Energy and Buildings</i> , 2017 , 138, 666-675	7	25
42	Construction Industrialization in China: Current Profile and the Prediction. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 180	2.6	25
41	An energy performance monitoring, analysis and modelling framework for NetZero Energy Homes (NZEHS). <i>Energy and Buildings</i> , 2016 , 126, 353-364	7	24
40	Perceiving interactions and dynamics of safety leadership in construction projects. <i>Safety Science</i> , 2018 , 106, 66-78	5.8	23
39	Stakeholder studies and the social networks of NetZero energy homes (NZEHS). <i>Sustainable Cities and Society</i> , 2018 , 38, 9-17	10.1	23
38	A review of automatic control strategies based on simulations for adaptive facades. <i>Building and Environment</i> , 2020 , 175, 106801	6.5	21
37	Energy performance optimisation of building envelope retrofit through integrated orthogonal arrays with data envelopment analysis. <i>Renewable Energy</i> , 2020 , 149, 1414-1423	8.1	21
36	Assessing and Prioritising Delay Factors of Prefabricated Concrete Building Projects in China. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2324	2.6	21
35	Carbon Reduction Measures-Based LCA of Prefabricated Temporary Housing with Renewable Energy Systems. <i>Sustainability</i> , 2018 , 10, 718	3.6	19
34	BIM-based life-cycle environmental assessment of prefabricated buildings. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 1703-1725	3.1	18
33	A BIM-Based Study on the Comprehensive Benefit Analysis for Prefabricated Building Projects in China. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-13	1.3	16
32	An approximation method for evaluating flash flooding mitigation of sponge city strategies [A case study of Central Geelong. <i>Journal of Cleaner Production</i> , 2020 , 257, 120525	10.3	16

31	Innovative control approaches to assess energy implications of adaptive facades based on simulation using EnergyPlus. <i>Solar Energy</i> , 2020 , 206, 256-268	6.8	13
30	Informed decision making of battery storage for solar-PV homes using smart meter data. <i>Energy and Buildings</i> , 2019 , 198, 491-502	7	11
29	Incorporating biophilic criteria into green building rating tools: Case study of Green Mark and LEED. <i>Environmental Impact Assessment Review</i> , 2020 , 82, 106380	5.3	11
28	Internationalization trends of carbon emission linkages: A case study on the construction sector. <i>Journal of Cleaner Production</i> , 2020 , 270, 122433	10.3	11
27	Energy performance and the discrepancy of multiple NetZero Energy Homes (NZEHS) in cold regions. <i>Journal of Cleaner Production</i> , 2018 , 172, 106-118	10.3	9
26	Improving the energy production of roof-top solar PV systems through roof design. <i>Building Simulation</i> , 2020 , 13, 475-487	3.9	8
25	Analysis of the impact of automatic shading control scenarios on occupant comfort and energy load. <i>Applied Energy</i> , 2021 , 294, 116904	10.7	8
24	Exploring payback-year based feed-in tariff mechanisms in Australia. <i>Energy Policy</i> , 2021 , 150, 112133	7.2	7
23	Sensing technology based quality control and warning systems for sleeve grouting of prefabricated buildings. <i>Automation in Construction</i> , 2021 , 123, 103537	9.6	6
22	Evaluation of Informatization Performance of Construction Industrialization EPC Enterprises in China. <i>Advances in Civil Engineering</i> , 2020 , 2020, 1-18	1.3	5
21	An Automatic Scheduling Approach: Building Information Modeling-based Onsite Scheduling for Panelized Construction 2014 ,		5
20	Incentive genetic algorithm based time-cost trade-off analysis across a build-operate-transfer project concession period. <i>Canadian Journal of Civil Engineering</i> , 2011 , 38, 166-174	1.3	5
19	Exploring and verifying BIM-based energy simulation for building operations. <i>Engineering, Construction and Architectural Management</i> , 2020 , 27, 1679-1702	3.1	5
18	Cost and environmental impact estimation methodology and potential impact factors in offshore oil and gas platform decommissioning: A review. <i>Environmental Impact Assessment Review</i> , 2021 , 87, 106536	5.3	5
17	Automated energy simulation and analysis for NetZero Energy Home (NZEH) design. <i>Building Simulation</i> , 2017 , 10, 285-296	3.9	4
16	A review of occupant-centric control strategies for adaptive facades. <i>Automation in Construction</i> , 2021 , 122, 103464	9.6	4
15	Design for Manufacturing and Assembly: A BIM-Enabled Generative Framework for Building Panelization Design. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-14	1.3	3
14	Guidance on Implementing Renewable Energy Systems in Australian Homes. <i>Energies</i> , 2021 , 14, 2666	3.1	3

13	A Dynamic Just-in-Time Component Delivery Framework for Off-Site Construction. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-19	1.3	3
12	Daylight in Buildings and Visual Comfort Evaluation: the Advantages and Limitations. <i>Journal of Daylighting</i> , 2021 , 8, 181-203	1.6	2
11	Building Information Modelling- (BIM-) Based Generative Design for Drywall Installation Planning in Prefabricated Construction. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-16	1.3	2
10	Applying Solar PV to Heat Pump and Storage Technologies in Australian Houses. <i>Energies</i> , 2021 , 14, 5480.	1	2
9	Vulnerability modeling, assessment, and improvement in urban metro systems: A probabilistic system dynamics approach. <i>Sustainable Cities and Society</i> , 2021 , 75, 103329	10.1	2
8	A two-step approach for cost-effective design analysis of Net Zero Energy Homes. <i>Journal of Building Engineering</i> , 2020 , 32, 101546	5.2	1
7	Factors Influencing Sleeve Grouting Quality for Prefabricated Building: An Interpretive Structural Modeling Approach. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-15	1.3	1
6	Estimating long-term impacts of tunnel infrastructure development on urban sustainability using granular computing. <i>Applied Soft Computing Journal</i> , 2021 , 113, 107932	7.5	1
5	The Empirical Research on the Estimation of the Construction CO2 Emission Based on EPA Non-Road Modeling. <i>Applied Mechanics and Materials</i> , 2011 , 71-78, 4943-4948	0.3	0
4	Towards zero carbon housing in Victoria, Australia: A policy and incentive framework. <i>Energy Strategy Reviews</i> , 2022 , 40, 100802	9.8	0
3	Simulation-based personalized real-time control of adaptive facades in shared office spaces. <i>Automation in Construction</i> , 2022 , 138, 104246	9.6	0
2	Charting Participatory Action and Interventionist Research Processes for Community-Based Stakeholders in Peri-Urban Contexts: The Proposed St. Cuthbert Community Centre, Lorne, Australia. <i>Urban Science</i> , 2019 , 3, 58	2.2	
1	Study on Complexity of Precast Concrete Components and Its Influence on Production Efficiency. <i>Advances in Civil Engineering</i> , 2022 , 2022, 1-18	1.3	