

# I M Chethana S Illankoon

## List of Publications by Year in descending order

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29  
papers

667  
citations

687335

13  
h-index

677123

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental impacts assessment for Australian buildings: thermal resistance and environmental impacts relationship. <i>International Journal of Construction Management</i> , 2023, 23, 243-252.	3.2	4
2	On-site renewable energy for industrial buildings in Sri Lanka: a life-cycle cost analysis. <i>Intelligent Buildings International</i> , 2022, 14, 499-516.	2.3	3
3	Life-cycle impacts from environmentally friendly blocks. <i>Journal of Building Engineering</i> , 2022, 53, 104503.	3.4	1
4	United Nationâ€™s sustainable development goals: establishing baseline for Australian building sector. <i>Intelligent Buildings International</i> , 2021, 13, 116-128.	2.3	1
5	A review on international ecological legislation on energy consumption: greenhouse gas emission management. <i>International Journal of Construction Management</i> , 2021, 21, 631-647.	3.2	16
6	Effective remediation strategies for ash dam sites in coal power plants. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2021, 174, 94-105.	0.7	1
7	Life-cycle cost calculation for each key criterion. , 2021, , 83-130.		0
8	New hybrid simulation model for urban construction waste management: an empirical study. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2021, 174, 275-288.	0.7	2
9	Life-cycle cost model validation. , 2021, , 151-166.		0
10	Sustainable development and green buildings. , 2021, , 13-44.		1
11	Life Cycle Costing for Decision Making in Construction and Demolition Waste Management: A Critical Review. <i>Advances in Science, Technology and Innovation</i> , 2021, , 163-169.	0.4	0
12	Optimal roofing solutions for Australian green buildings: a life-cycle cost perspective. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2020, 173, 30-41.	0.7	1
13	Cost implications of obtaining construction waste management-related credits in green building. <i>Waste Management</i> , 2020, 102, 722-731.	7.4	25
14	Agent-based modelling for environmental impact of renovation waste in Shenzhen, China. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2020, 173, 397-413.	0.7	2
15	Optimising choices of â€˜building servicesâ€™ for green building: Interdependence and life cycle costing. <i>Building and Environment</i> , 2019, 161, 106247.	6.9	21
16	Conceptual framework for renovation waste management based on renovation waste generation rates in residential buildings: An empirical study in China. <i>Journal of Cleaner Production</i> , 2019, 228, 284-293.	9.3	20
17	Life-Cycle Cost Model for Green Star Office Buildings in Australia. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 189-198.	0.6	4
18	Review on Green Building Rating Tools Used in Australia. , 2019, , 165-184.		3

#	ARTICLE	IF	CITATIONS
19	REVIEW ON GREEN BUILDING RATING TOOLS WORLDWIDE: RECOMMENDATIONS FOR AUSTRALIA. Journal of Civil Engineering and Management, 2019, 25, 831-847.	3.5	17
20	An Exploratory Model on Greenhouse-Gas Emissions and Costing Assessment in Building Operation Stage. , 2019, , 133-147.		0
21	Green building evaluation system implementation. Building and Environment, 2018, 133, 32-40.	6.9	139
22	Life cycle costing for obtaining concrete credits in green star rating system in Australia. Journal of Cleaner Production, 2018, 172, 4212-4219.	9.3	23
23	Practitioners Recycling Attitude and Behaviour in the Australian Construction Industry. Sustainability, 2018, 10, 1212.	3.2	27
24	Life Cycle Costing for Insulated Pitched Roof Structures. , 2018, , 981-993.		1
25	Regenerative practice of using photovoltaic solar systems for residential dwellings: An empirical study in Australia. Renewable and Sustainable Energy Reviews, 2017, 75, 1-10.	16.4	13
26	Life-cycle cost analysis of green-building implementation using timber applications. Journal of Cleaner Production, 2017, 147, 458-469.	9.3	55
27	Key credit criteria among international green building rating tools. Journal of Cleaner Production, 2017, 164, 209-220.	9.3	181
28	Environmental, Economic, and Social Parameters in International Green Building Rating Tools. Journal of Professional Issues in Engineering Education and Practice, 2017, 143, .	0.9	59
29	Critical Factors Affecting the Quality of Industrialized Building System Projects in China. Sustainability, 2017, 9, 216.	3.2	44