

Sepani Senaratne

List of Publications by Year in descending order

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46
papers

884
citations

566801

15
h-index

500791

28
g-index

47
all docs

47
docs citations

47
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain technology: Is it hype or real in the construction industry?. Journal of Industrial Information Integration, 2020, 17, 100125.	4.3	194
2	The costs and benefits of combining recycled aggregate with steel fibres as a sustainable, structural material. Journal of Cleaner Production, 2016, 112, 2318-2327.	4.6	91
3	Life-cycle cost analysis of green-building implementation using timber applications. Journal of Cleaner Production, 2017, 147, 458-469.	4.6	55
4	Communication in construction: a management perspective through case studies in Sri Lanka. Architectural Engineering and Design Management, 2016, 12, 3-18.	1.2	50
5	Managing construction project change: a knowledge management perspective. Construction Management and Economics, 2008, 26, 1303-1311.	1.8	49
6	Potential Application of Blockchain Technology for Embodied Carbon Estimating in Construction Supply Chains. Buildings, 2020, 10, 140.	1.4	49
7	Blockchain and Smart Contracts: A Solution for Payment Issues in Construction Supply Chains. Informatics, 2021, 8, 36.	2.4	49
8	A Change Management Toolkit for Construction Projects. Architectural Engineering and Design Management, 2006, 2, 261-271.	1.2	40
9	Application of team role theory to construction design teams. Architectural Engineering and Design Management, 2015, 11, 1-20.	1.2	31
10	Managing intragroup conflicts in construction project teams: case studies in Sri Lanka. Architectural Engineering and Design Management, 2013, 9, 158-175.	1.2	28
11	Recycled Concrete in Structural Applications for Sustainable Construction Practices in Australia. Procedia Engineering, 2017, 180, 751-758.	1.2	26
12	The causes and effects of work stress in construction project managers: the case in Sri Lanka. International Journal of Construction Management, 2017, 17, 65-75.	2.2	19
13	Exploring the role of networks in disseminating construction project knowledge through case studies. Engineering, Construction and Architectural Management, 2017, 24, 1281-1293.	1.8	19
14	Evaluation of Application of Lean Principles to Precast Concrete Bridge Beam Production Process. Journal of Architectural Engineering, 2012, 18, 94-106.	0.8	17
15	Construction Project Teams and their Development: Case Studies in Sri Lanka. Architectural Engineering and Design Management, 2009, 5, 215-224.	1.2	16
16	Reliability Based Design of RC Beams With Recycled Aggregate and Steel Fibres. Structures, 2017, 11, 135-145.	1.7	16
17	Developing a construction business model transformation canvas. Engineering, Construction and Architectural Management, 2021, 28, 1423-1439.	1.8	16
18	Principles of Integrating Research into Teaching in Higher Education: Built Environment Perspective. International Journal of Construction Education and Research, 2009, 5, 220-232.	1.1	14

#	ARTICLE	IF	CITATIONS
19	The role of team leadership in achieving LEED certification in a green building project. Built Environment Project and Asset Management, 2015, 5, 170-183.	0.9	14
20	Construction project leadership across the team development process. Built Environment Project and Asset Management, 2015, 5, 69-88.	0.9	12
21	Life cycle cost analysis of alternative railway track support material: A case study of the Sydney harbour bridge. Journal of Cleaner Production, 2020, 276, 124258.	4.6	12
22	Linking Individual, Team and Organizational Learning in Construction Project Team Settings. Architectural Engineering and Design Management, 2011, 7, 50-63.	1.2	11
23	Paving the way for industry 4.0 maturity of construction enterprises: a state of the art review. Engineering, Construction and Architectural Management, 2023, 30, 4665-4694.	1.8	10
24	Current Trends and Future Directions in Knowledge Management in Construction Research Using Social Network Analysis. Buildings, 2021, 11, 599.	1.4	7
25	Nature of construction project cultures in the public sector: case studies in Sri Lanka. Built Environment Project and Asset Management, 2018, 8, 557-568.	0.9	5
26	Systematic development of a data model for the blockchain-based embodied carbon (BEC) Estimator for construction. Engineering, Construction and Architectural Management, 2022, 29, 3311-3330.	1.8	5
27	Review of Supply Chain Based Embodied Carbon Estimating Method: A Case Study Based Analysis. Sustainability, 2021, 13, 9171.	1.6	5
28	Academic research in emerging knowledge-based economies. Built Environment Project and Asset Management, 2018, 8, 415-428.	0.9	4
29	Research knowledge transfer into teaching in the built environment. Engineering, Construction and Architectural Management, 2005, 12, 587-600.	1.8	3
30	Methodology to extract underlying basic assumptions of a public sector construction project culture: an exploratory case study. International Journal of Construction Management, 2018, 18, 467-481.	2.2	2
31	Emerging sustainable facilities management practices in health-care sector. Journal of Facilities Management, 2020, 18, 1-19.	1.0	2
32	Building a Supportive Culture for Sustained Organisational Learning in Public Sectors. Advances in Human Resources Management and Organizational Development Book Series, 2014, , 118-134.	0.2	2
33	Managing intragroup conflicts within project design teams during pre-contract stage that effect the project deliverables in Sri Lanka. Construction Innovation, 2022, ahead-of-print, .	1.5	2
34	Life cycle cost analysis of macro synthetic fibre reinforced concrete for railway sleeper applications. Structure and Infrastructure Engineering, 2024, 20, 353-367.	2.0	2
35	Resistance to Organisational Change: A Case Study in Sri Lankan Construction Organisation. International Journal of Construction Management, 2010, 10, 61-73.	2.2	1
36	Learning, Teaching and Research for Construction Undergraduate Programmes: An Exploratory Case Study in Sri Lanka. International Journal of Construction Management, 2011, 11, 35-48.	2.2	1

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37	Structural applicability of steel fibre-recycled aggregate concrete in construction. Journal of Engineering, Design and Technology, 2018, 16, 959-972.	1.1	1
38	Revamping design, construction and operations for boosting built asset sustainability. Built Environment Project and Asset Management, 2020, 10, 181-183.	0.9	1
39	Cause, Effect, and Alleviation of Stress for Project Management Practitioners in the Built Environment: A Conceptual Framework. , 2020, , .		1
40	Merging Academic Research and Industry Requirements for Innovative Construction Management Practices in Sri Lanka: A Study on Critical Success Factors. International Journal of Construction Education and Research, 2022, 18, 32-48.	1.1	1
41	Analysis of embodied carbon and cost profiles of school buildings in Australia. Built Environment Project and Asset Management, 2021, 11, 660-672.	0.9	1
42	Framework to Investigate Knowledge Sharing through Social Networks in Australian Construction Industry. , 2020, , .		0
43	Knowledge sharing through social networks within construction organisations: case studies in Australia. International Journal of Construction Management, 0, , 1-10.	2.2	0
44	EXPERIMENTAL STUDY ON RECYCLED CONCRETE WITH STEEL FIBERS AS A SUSTAINABLE BUILDING MATERIAL. Proceedings of International Structural Engineering and Construction, 2015, 2, .	0.1	0
45	Success of Dam Engineering Industry Projects in Australia: Literature Review and Theoretical Framework. IABSE Symposium Report, 2018, , .	0.0	0
46	A "knowledge value chain" framework for contractor organisations to maximise chances of winning tenders. Built Environment Project and Asset Management, 2021, 11, 577-593.	0.9	0