

# Madhav Nepal

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

838  
citations

706676

14  
h-index

620720

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling bidding decisions and bid markup size for construction projects: A fuzzy approach. Engineering Applications of Artificial Intelligence, 2022, 113, 104982.	4.3	7
2	A Coupled Genetic Programming Monte Carlo Simulation-Based Model for Cost Overrun Prediction of Thermal Power Plant Projects. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	6
3	Building Information Modelling (BIM) adoption and implementation enablers in AEC firms: a systematic literature review. Architectural Engineering and Design Management, 2021, 17, 411-433.	1.2	48
4	Risk induced contingency cost modeling for power plant projects. Automation in Construction, 2021, 123, 103519.	4.8	12
5	A knowledge-based expert system to assess power plant project cost overrun risks. Expert Systems With Applications, 2019, 136, 12-32.	4.4	53
6	Cost Contingency Modelling for Construction Projects: Insight from the Literature. , 2019, , .		2
7	Modified Fuzzy Group Decision-Making Approach to Cost Overrun Risk Assessment of Power Plant Projects. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	36
8	e-Tendering readiness in construction: the posterior model. Construction Innovation, 2018, 18, .	1.5	8
9	E-tendering readiness in construction: an a priori model. International Journal of Procurement Management, 2018, 11, 608.	0.1	5
10	Towards the development of eco-industrial estates in Bhutan. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2018, 171, 368-379.	0.4	1
11	Current research trends and application areas of fuzzy and hybrid methods to the risk assessment of construction projects. Advanced Engineering Informatics, 2017, 33, 112-131.	4.0	107
12	Development of a Safety Inspection Framework on Construction Sites Using Mobile Computing. Journal of Management in Engineering - ASCE, 2017, 33, .	2.6	31
13	Drivers of the accuracy of developers's early stage cost estimates in residential construction. Journal of Financial Management of Property and Construction, 2016, 21, 4-20.	0.9	13
14	A Fuzzy-bayesian Model for Risk Assessment in Power Plant Projects. Procedia Computer Science, 2016, 100, 963-970.	1.2	27
15	VisArchive: a time and relevance based visual interface for searching, browsing, and exploring project archives. Visualization in Engineering, 2016, 4, .	8.8	1
16	A conceptual approach to track design changes within a multi-disciplinary building information modeling environment. Canadian Journal of Civil Engineering, 2015, 42, 139-152.	0.7	36
17	Evaluations of BIM: Frameworks and Perspectives. , 2014, , .		1
18	Creating flexible mappings between Building Information Models and cost information. Automation in Construction, 2014, 45, 107-118.	4.8	41

#	ARTICLE	IF	CITATIONS
19	BIM and PLM: Comparing and Learning from Changes to Professional Practice Across Sectors. IFIP Advances in Information and Communication Technology, 2014, , 41-50.	0.5	13
20	Ontology-Based Feature Modeling for Construction Information Extraction from a Building Information Model. Journal of Computing in Civil Engineering, 2013, 27, 555-569.	2.5	66
21	Providing Query Support to Leverage BIM for Construction. , 2012, , .		2
22	Querying a building information model for construction-specific spatial information. Advanced Engineering Informatics, 2012, 26, 904-923.	4.0	47
23	Improving the usability of standard schemas. Information Systems, 2011, 36, 209-221.	2.4	9
24	Scheduling decisions and their dynamic consequences on construction performance. KSCE Journal of Civil Engineering, 2010, 14, 251-259.	0.9	9
25	Querying IFC-Based Building Information Models to Support Construction Management Functions. , 2009, , .		7
26	Reasoning about component similarity in building product models from the construction perspective. Automation in Construction, 2007, 17, 11-21.	4.8	13
27	Effects of Schedule Pressure on Construction Performance. Journal of Construction Engineering and Management - ASCE, 2006, 132, 182-188.	2.0	74
28	A hierarchical structural model of assessing innovation and project performance. Construction Management and Economics, 2005, 23, 565-577.	1.8	82
29	Dynamic Modeling for Construction Innovation. Journal of Management in Engineering - ASCE, 2004, 20, 170-177.	2.6	59
30	Downtime model development for construction equipment management. Engineering, Construction and Architectural Management, 2004, 11, 199-210.	1.8	22