

# Wenchi Shou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1784704/publications.pdf>

Version: 2024-02-01

29  
papers

1,010  
citations

758635

12  
h-index

610482

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer Vision Techniques in Construction: A Critical Review. Archives of Computational Methods in Engineering, 2021, 28, 3383-3397.	6.0	170
2	Integrating BIM and LiDAR for Real-Time Construction Quality Control. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 79, 417-432.	2.0	105
3	A Comparative Review of Building Information Modelling Implementation in Building and Infrastructure Industries. Archives of Computational Methods in Engineering, 2015, 22, 291-308.	6.0	103
4	A comprehensive analysis of the credits obtained by LEED 2009 certified green buildings. Renewable and Sustainable Energy Reviews, 2017, 68, 370-379.	8.2	103
5	A BIM-based approach for automated tower crane layout planning. Automation in Construction, 2015, 59, 168-178.	4.8	98
6	Building information modeling-based integration of MEP layout designs and constructability. Automation in Construction, 2016, 61, 134-146.	4.8	85
7	A cross-sector review on the use of value stream mapping. International Journal of Production Research, 2017, 55, 3906-3928.	4.9	80
8	Integrating BIM and augmented reality for interactive architectural visualisation. Construction Innovation, 2014, 14, 453-476.	1.5	61
9	Lean management framework for improving maintenance operation: development and application in the oil and gas industry. Production Planning and Control, 2021, 32, 585-602.	5.8	37
10	Developing and evaluating a framework of total constraint management for improving workflow in liquefied natural gas construction. Construction Management and Economics, 2016, 34, 859-874.	1.8	28
11	Value adding and non-value adding activities in turnaround maintenance process: classification, validation, and benefits. Production Planning and Control, 2020, 31, 60-77.	5.8	28
12	Improving Quality and Performance of Facility Management Using Building Information Modelling. Lecture Notes in Computer Science, 2014, , 44-50.	1.0	15
13	Vision-Based Pavement Marking Detection and Condition Assessment – A Case Study. Applied Sciences (Switzerland), 2021, 11, 3152.	1.3	14
14	A Coordinated Approach for Supply-Chain Tracking in the Liquefied Natural Gas Industry. Sustainability, 2018, 10, 4822.	1.6	10
15	A Parameter-Driven Method for Modeling Bridge Defects through IFC. Journal of Computing in Civil Engineering, 2022, 36, .	2.5	10
16	Integration of BIM and Lean Concepts to Improve Maintenance Efficiency: A Case Study. , 2014, , .		9
17	Self-Organized Crowd Dynamics: Research on Earthquake Emergency Response Patterns of Drill-Trained Individuals Based on GIS and Multi-Agent Systems Methodology. Sensors, 2021, 21, 1353.	2.1	7
18	Research on Non-Contact and Non-Fixed Cable Force Measurement Based on Smartphone. Applied Sciences (Switzerland), 2021, 11, 8902.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Utility of BIM-CFD Integration in the Design and Performance Analysis for Buildings and Infrastructures of Architecture, Engineering and Construction Industry. Buildings, 2022, 12, 651.	1.4	7
20	Computer Vision Techniques in Construction, Operation and Maintenance Phases of Civil Assets: A Critical Review. , 2019, , .		6
21	Automatic Scaffolding Workface Assessment for Activity Analysis through Machine Learning. Applied Sciences (Switzerland), 2021, 11, 4143.	1.3	5
22	The application of simulation in lean production research: a critical review and future directions. Engineering, Construction and Architectural Management, 2021, 28, 2119-2154.	1.8	5
23	Vision-Based Methods for Relative Sag Measurement of Suspension Bridge Cables. Buildings, 2022, 12, 667.	1.4	5
24	An Efficient Decision Support System for Flood Inundation Management Using Intermittent Remote-Sensing Data. Remote Sensing, 2021, 13, 2818.	1.8	4
25	Vision-Based Pavement Marking Detection â€œ A Case Study. Lecture Notes in Civil Engineering, 2021, , 1162-1171.	0.3	2
26	A Survey of Simulation Modelling Techniques in Lean Construction Research. , 0, , .		2
27	Development of BIM Model Fitness Review System for Modelling Quality Control. , 2014, , .		1
28	Application of Lean Production With Value Stream Mapping to the Blasting and Coating Industry. , 0, , .		1
29	4D BIM for Improving Plant Turnaround Maintenance Planning and Execution: A Case Study. , 2018, , .		1