

Sangwon Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11988414/publications.pdf>

Version: 2024-02-01

27
papers

1,016
citations

567247

15
h-index

580810

25
g-index

27
all docs

27
docs citations

27
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	A system dynamics approach for modeling construction workers's safety attitudes and behaviors. Accident Analysis and Prevention, 2014, 68, 95-105.	5.7	211
2	A system dynamics model for assessing the impacts of design errors in construction projects. Mathematical and Computer Modelling, 2013, 57, 2044-2053.	2.0	108
3	Relationship between Unsafe Working Conditions and Workers' Behavior and Impact of Working Conditions on Injury Severity in U.S. Construction Industry. Journal of Construction Engineering and Management - ASCE, 2013, 139, 826-838.	3.8	103
4	Design error reduction: toward the effective utilization of building information modeling. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2011, 22, 173-187.	2.1	94
5	Strategic-Operational Construction Management: Hybrid System Dynamics and Discrete Event Approach. Journal of Construction Engineering and Management - ASCE, 2008, 134, 701-710.	3.8	82
6	Identification and Quantification of Non-Value-Adding Effort from Errors and Changes in Design and Construction Projects. Journal of Construction Engineering and Management - ASCE, 2012, 138, 98-109.	3.8	50
7	Analysis of Causes of Construction Defects Using Fault Trees and Risk Importance Measures. Journal of Construction Engineering and Management - ASCE, 2013, 139, 870-880.	3.8	49
8	Integrating Construction Operation and Context in Large-Scale Construction Using Hybrid Computer Simulation. Journal of Computing in Civil Engineering, 2009, 23, 75-83.	4.7	36
9	Supply chain management model for ready mixed concrete. Automation in Construction, 2011, 20, 44-55.	9.8	34
10	Project Pathogens Network: New Approach to Analyzing Construction-Defects-Generation Mechanisms. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	3.8	33
11	Barriers and challenges of collaborative procurements: An exploratory study. International Journal of Construction Management, 2014, 14, 148-155.	3.2	24
12	Process-waste reduction in the construction supply chain using proactive information network. Concurrent Engineering Research and Applications, 2017, 25, 123-135.	3.2	24
13	Application of Association Rule Mining and Social Network Analysis for Understanding Causality of Construction Defects. Sustainability, 2019, 11, 618.	3.2	24
14	A REAL-TIME LOCATION-BASED CONSTRUCTION LABOR SAFETY MANAGEMENT SYSTEM. Journal of Civil Engineering and Management, 2014, 20, 724-736.	3.5	23
15	Analysis of the Complex Mechanisms of Defect Generation in Construction Projects. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	3.8	23
16	Hybrid System Dynamics and Discrete Event Simulation for Construction Management. , 2007, , .		19
17	CLASSIFICATION AND OCCURRENCE OF DEFECTIVE ACTS IN RESIDENTIAL CONSTRUCTION PROJECTS. Journal of Civil Engineering and Management, 2014, 20, 175-185.	3.5	14
18	Accuracy Improvement of Real-Time Location Tracking for Construction Workers. Sustainability, 2018, 10, 1488.	3.2	13

#	ARTICLE	IF	CITATIONS
19	Analysis of Fatal Accidents and Their Causes in the Korean Construction Industry. Sustainability, 2020, 12, 3120.	3.2	13
20	Identification and Reduction of Synchronous Replacements in Life-Cycle Cost Analysis of Equipment. Journal of Management in Engineering - ASCE, 2019, 35, .	4.8	9
21	Identification of Defect Generation Rules among Defects in Construction Projects Using Association Rule Mining. Sustainability, 2020, 12, 3875.	3.2	7
22	A model-based productivity improvement of reinforced concrete work in a multi-housing project. KSCE Journal of Civil Engineering, 2015, 19, 1183-1192.	1.9	5
23	Application of Bayesian updating for real-time schedule estimation in a concreting operation. International Journal of Construction Management, 2016, 16, 54-66.	3.2	5
24	Development of a Model for Predicting Probabilistic Life-Cycle Cost for the Early Stage of Public-Office Construction. Sustainability, 2019, 11, 3828.	3.2	5
25	Comparative Study of Discrete-Event Simulation and System Dynamics for Construction Process Planning. , 2005, , 1.		3
26	Dynamic Project Management: An Application of System Dynamics in Construction Engineering and Management. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , 219-231.	0.5	3
27	Development of a Program Definition Rating Index for the Performance Prediction of Construction Programs. Sustainability, 2018, 10, 2747.	3.2	2