

Sangwon Han

List of Publications by Year in descending order

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27
papers

1,016
citations

643344

15
h-index

651938

25
g-index

27
all docs

27
docs citations

27
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Defect Generation Rules among Defects in Construction Projects Using Association Rule Mining. Sustainability, 2020, 12, 3875.	1.6	7
2	Analysis of Fatal Accidents and Their Causes in the Korean Construction Industry. Sustainability, 2020, 12, 3120.	1.6	13
3	Development of a Model for Predicting Probabilistic Life-Cycle Cost for the Early Stage of Public-Office Construction. Sustainability, 2019, 11, 3828.	1.6	5
4	Application of Association Rule Mining and Social Network Analysis for Understanding Causality of Construction Defects. Sustainability, 2019, 11, 618.	1.6	24
5	Identification and Reduction of Synchronous Replacements in Life-Cycle Cost Analysis of Equipment. Journal of Management in Engineering - ASCE, 2019, 35, .	2.6	9
6	Accuracy Improvement of Real-Time Location Tracking for Construction Workers. Sustainability, 2018, 10, 1488.	1.6	13
7	Development of a Program Definition Rating Index for the Performance Prediction of Construction Programs. Sustainability, 2018, 10, 2747.	1.6	2
8	Process-waste reduction in the construction supply chain using proactive information network. Concurrent Engineering Research and Applications, 2017, 25, 123-135.	2.0	24
9	Application of Bayesian updating for real-time schedule estimation in a concreting operation. International Journal of Construction Management, 2016, 16, 54-66.	2.2	5
10	Analysis of the Complex Mechanisms of Defect Generation in Construction Projects. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	23
11	A model-based productivity improvement of reinforced concrete work in a multi-housing project. KSCE Journal of Civil Engineering, 2015, 19, 1183-1192.	0.9	5
12	Barriers and challenges of collaborative procurements: An exploratory study. International Journal of Construction Management, 2014, 14, 148-155.	2.2	24
13	A REAL-TIME LOCATION-BASED CONSTRUCTION LABOR SAFETY MANAGEMENT SYSTEM. Journal of Civil Engineering and Management, 2014, 20, 724-736.	1.9	23
14	Dynamic Project Management: An Application of System Dynamics in Construction Engineering and Management. Intelligent Systems, Control and Automation: Science and Engineering, 2014, , 219-231.	0.3	3
15	Project Pathogens Network: New Approach to Analyzing Construction-Defects-Generation Mechanisms. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	33
16	A system dynamics approach for modeling construction workers' safety attitudes and behaviors. Accident Analysis and Prevention, 2014, 68, 95-105.	3.0	211
17	CLASSIFICATION AND OCCURRENCE OF DEFECTIVE ACTS IN RESIDENTIAL CONSTRUCTION PROJECTS. Journal of Civil Engineering and Management, 2014, 20, 175-185.	1.9	14
18	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

#	ARTICLE	IF	CITATIONS
19	Analysis of Causes of Construction Defects Using Fault Trees and Risk Importance Measures. Journal of Construction Engineering and Management - ASCE, 2013, 139, 870-880.	2.0	49
20	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.	2.0	103
21	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.	2.0	50
22	Design error reduction: toward the effective utilization of building information modeling. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2011, 22, 173-187.	1.2	94
23	Supply chain management model for ready mixed concrete. Automation in Construction, 2011, 20, 44-55.	4.8	34
24	Integrating Construction Operation and Context in Large-Scale Construction Using Hybrid Computer Simulation. Journal of Computing in Civil Engineering, 2009, 23, 75-83.	2.5	36
25	Strategic-Operational Construction Management: Hybrid System Dynamics and Discrete Event Approach. Journal of Construction Engineering and Management - ASCE, 2008, 134, 701-710.	2.0	82
26	Hybrid System Dynamics and Discrete Event Simulation for Construction Management. , 2007, , .		19
27	Comparative Study of Discrete-Event Simulation and System Dynamics for Construction Process Planning. , 2005, , 1.		3