

Chan-Sik Park

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

1,050
citations

14
h-index

32
g-index

43
ext. papers

1,394
ext. citations

4.6
avg, IF

4.83
L-index

#	Paper	IF	Citations
38	A framework for proactive construction defect management using BIM, augmented reality and ontology-based data collection template. <i>Automation in Construction</i> , 2013 , 33, 61-71	9.6	178
37	A framework for construction safety management and visualization system. <i>Automation in Construction</i> , 2013 , 33, 95-103	9.6	174
36	A conceptual framework for integrating building information modeling with augmented reality. <i>Automation in Construction</i> , 2013 , 34, 37-44	9.6	137
35	A Social Virtual Reality Based Construction Safety Education System for Experiential Learning. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015 , 79, 487-506	2.9	106
34	A defect management system for reinforced concrete work utilizing BIM, image-matching and augmented reality. <i>Automation in Construction</i> , 2014 , 46, 74-81	9.6	81
33	Framework for Integrating Safety into Construction Methods Education through Interactive Virtual Reality. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016 , 142, 04015011	0.7	56
32	A social network system for sharing construction safety and health knowledge. <i>Automation in Construction</i> , 2014 , 46, 30-37	9.6	56
31	A linked data system framework for sharing construction defect information using ontologies and BIM environments. <i>Automation in Construction</i> , 2016 , 68, 102-113	9.6	53
30	BIM-based idea bank for managing value engineering ideas. <i>International Journal of Project Management</i> , 2017 , 35, 699-713	7.6	27
29	Interactive Building Anatomy Modeling for Experiential Building Construction Education. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016 , 142, 04015019	0.7	25
28	Impact of safety training and interventions on training-transfer: targeting migrant construction workers. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020 , 26, 272-284	2.1	16
27	Assessment of safety management information systems for general contractors. <i>Safety Science</i> , 2008 , 46, 661-674	5.8	15
26	Excavation Safety Modeling Approach Using BIM and VPL. <i>Advances in Civil Engineering</i> , 2019 , 2019, 1-15	1.3	14
25	Energy-Efficient Learning System Using Web-Based Panoramic Virtual Photoreality for Interactive Construction Safety Education. <i>Sustainability</i> , 2018 , 10, 2262	3.6	14
24	4D-BIM-Based Workspace Planning for Temporary Safety Facilities in Construction SMEs. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	10
23	Visual Language-Aided Construction Fire Safety Planning Approach in Building Information Modeling. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1704	2.6	9
22	2012 ,		9

21	Utilizing safety rule correlation for mobile scaffolds monitoring leveraging deep convolution neural networks. <i>Computers in Industry</i> , 2021 , 129, 103448	11.6	9
20	Interactive safety education using building anatomy modelling. <i>Universal Access in the Information Society</i> , 2019 , 18, 269-285	2.5	8
19	A Hazard Identification Approach of Integrating 4D BIM and Accident Case Analysis of SpatialTemporal Exposure. <i>Sustainability</i> , 2021 , 13, 2211	3.6	6
18	A Study on Construction Defect Management Using Augmented Reality Technology 2012 ,		5
17	Remote Indoor Construction Progress Monitoring Using Extended Reality. <i>Sustainability</i> , 2021 , 13, 2290	3.6	5
16	Tag and IoT based safety hook monitoring for prevention of falls from height. <i>Automation in Construction</i> , 2022 , 136, 104153	9.6	4
15	A Study on the Improvement of the Design VE Process using VE Idea-DataBank System. <i>Korean Journal of Construction Engineering and Management</i> , 2014 , 15, 28-38		4
14	Development and evaluation of context-based assessment system for visualization-enhanced construction safety education. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020 , 26, 811-823	2.1	4
13	Blockchain-Based Network Concept Model for Reliable and Accessible Fine Dust Management System at Construction Sites. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8686	2.6	4
12	An approximate cost estimation model based on standard quantities of steel box girder bridge substructure. <i>KSCE Journal of Civil Engineering</i> , 2013 , 17, 877-885	1.9	3
11	Comparative Analysis of Strategic Planning in Construction Firms. <i>Journal of Asian Architecture and Building Engineering</i> , 2010 , 9, 25-30	1	3
10	Generative planning for construction safety surveillance camera installation in 4D BIM environment. <i>Automation in Construction</i> , 2022 , 134, 104103	9.6	3
9	Development and Application of Failure-Based Learning Conceptual Model for Construction Education. <i>Journal of Construction Engineering and Project Management</i> , 2011 , 1, 11-17		3
8	Safety Regulation Classification System to Support BIM Based Safety Management 2017 ,		2
7	Rigorous analysis of safety rules for vision intelligence-based monitoring at construction jobsites. <i>International Journal of Construction Management</i> , 1-11	1.9	1
6	Converging Technologies for Safety Planning and Inspection Information System of Portable Firefighting Equipment. <i>IEEE Access</i> , 2020 , 8, 211173-211188	3.5	1
5	Suggestions for Improving South Korea's Fall Accidents Prevention Technology in the Construction Industry: Focused on Analyzing Laws and Programs of the United States. <i>Sustainability</i> , 2021 , 13, 4254	3.6	1
4	Environmental Particulate Matter (PM) Exposure Assessment of Construction Activities Using Low-Cost PM Sensor and Latin Hypercubic Technique. <i>Sustainability</i> , 2021 , 13, 7797	3.6	1

3	Towards a Competency-based Vision for Construction Safety Education. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 143, 012051	0.3	1
2	Fall Prevention from Ladders Utilizing a Deep Learning-based Height Assessment Method. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
1	Leveraging Blockchain for Scaffolding Work Management in Construction. <i>IEEE Access</i> , 2022 , 1-1	3.5	