

Chan-Sik Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8261349/publications.pdf>

Version: 2024-02-01

41
papers

1,754
citations

430442

18
h-index

344852

36
g-index

43
all docs

43
docs citations

43
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.8	257
2	A framework for construction safety management and visualization system. <i>Automation in Construction</i> , 2013, 33, 95-103.	4.8	255
3	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.	2.0	203
4	A conceptual framework for integrating building information modeling with augmented reality. <i>Automation in Construction</i> , 2013, 34, 37-44.	4.8	187
5	A defect management system for reinforced concrete work utilizing BIM, image-matching and augmented reality. <i>Automation in Construction</i> , 2014, 46, 74-81.	4.8	127
6	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, .	0.9	94
7	A linked data system framework for sharing construction defect information using ontologies and BIM environments. <i>Automation in Construction</i> , 2016, 68, 102-113.	4.8	84
8	A social network system for sharing construction safety and health knowledge. <i>Automation in Construction</i> , 2014, 46, 30-37.	4.8	73
9	BIM-based idea bank for managing value engineering ideas. <i>International Journal of Project Management</i> , 2017, 35, 699-713.	2.7	44
10	Interactive Building Anatomy Modeling for Experiential Building Construction Education. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016, 142, .	0.9	37
11	Utilizing safety rule correlation for mobile scaffolds monitoring leveraging deep convolution neural networks. <i>Computers in Industry</i> , 2021, 129, 103448.	5.7	35
12	Tag and IoT based safety hook monitoring for prevention of falls from height. <i>Automation in Construction</i> , 2022, 136, 104153.	4.8	33
13	Energy-Efficient Learning System Using Web-Based Panoramic Virtual Photoreality for Interactive Construction Safety Education. <i>Sustainability</i> , 2018, 10, 2262.	1.6	28
14	Excavation Safety Modeling Approach Using BIM and VPL. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-15.	0.4	27
15	4D-BIM-Based Workspace Planning for Temporary Safety Facilities in Construction SMEs. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3403.	1.2	27
16	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.	1.1	26
17	Visual Language-Aided Construction Fire Safety Planning Approach in Building Information Modeling. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1704.	1.3	23
18	Assessment of safety management information systems for general contractors. <i>Safety Science</i> , 2008, 46, 661-674.	2.6	19

#	ARTICLE	IF	CITATIONS
19	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.	1.1	17
20	A Hazard Identification Approach of Integrating 4D BIM and Accident Case Analysis of Spatial-Temporal Exposure. <i>Sustainability</i> , 2021, 13, 2211.	1.6	17
21	Remote Indoor Construction Progress Monitoring Using Extended Reality. <i>Sustainability</i> , 2021, 13, 2290.	1.6	17
22	Generative planning for construction safety surveillance camera installation in 4D BIM environment. <i>Automation in Construction</i> , 2022, 134, 104103.	4.8	16
23	Interactive safety education using building anatomy modelling. <i>Universal Access in the Information Society</i> , 2019, 18, 269-285.	2.1	14
24	Construction safety education model based on second life. , 2012, , .		10
25	Blockchain-Based Network Concept Model for Reliable and Accessible Fine Dust Management System at Construction Sites. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8686.	1.3	10
26	Converging Technologies for Safety Planning and Inspection Information System of Portable Firefighting Equipment. <i>IEEE Access</i> , 2020, 8, 211173-211188.	2.6	9
27	Fall Prevention From Ladders Utilizing a Deep Learning-Based Height Assessment Method. <i>IEEE Access</i> , 2022, 10, 36725-36742.	2.6	9
28	Leveraging Blockchain for Scaffolding Work Management in Construction. <i>IEEE Access</i> , 2022, 10, 39220-39238.	2.6	8
29	A Study on Construction Defect Management Using Augmented Reality Technology. , 2012, , .		7
30	Environmental Particulate Matter (PM) Exposure Assessment of Construction Activities Using Low-Cost PM Sensor and Latin Hypercubic Technique. <i>Sustainability</i> , 2021, 13, 7797.	1.6	6
31	Comparative Analysis of Strategic Planning in Construction Firms. <i>Journal of Asian Architecture and Building Engineering</i> , 2010, 9, 25-30.	1.2	5
32	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.	0.9	5
33	Towards a Competency-based Vision for Construction Safety Education. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 143, 012051.	0.2	4
34	Safety Regulation Classification System to Support BIM Based Safety Management. , 2017, , .		4
35	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.	0.6	4
36	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.	0.1	4

#	ARTICLE	IF	CITATIONS
37	Suggestions for Improving South Korea's Fall Accidents Prevention Technology in the Construction Industry: Focused on Analyzing Laws and Programs of the United States. Sustainability, 2021, 13, 4254.	1.6	3
38	Rigorous analysis of safety rules for vision intelligence-based monitoring at construction jobsites. International Journal of Construction Management, 2023, 23, 1768-1778.	2.2	3
39	Near Real-Time Monitoring of Construction Progress: Integration of Extended Reality and Kinect V2. , 2020, , .		1
40	Application of the failure-based e-learning process for building construction education. , 2012, , .		0
41	Activity-based Fatal Four Rate Assessment for Effective Safety Planning Utilizing 4D-BIM. , 2020, , .		0