

# Jee Woong Park

## List of Publications by Year in Descending Order

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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.

32 papers	422 citations	10 h-index	20 g-index
38 ext. papers	576 ext. citations	4.7 avg, IF	4.47 L-index

#	Paper	IF	Citations
32	xlogit: An open-source Python package for GPU-accelerated estimation of Mixed Logit models. <i>Journal of Choice Modelling</i> , <b>2022</b> , 42, 100339	3.8	
31	Improved intrusion accident management using haptic signals in roadway work zone.. <i>Journal of Safety Research</i> , <b>2022</b> , 80, 320-329	4	
30	Tactile-based wearable system for improved hazard perception of worker and equipment collision. <i>Automation in Construction</i> , <b>2021</b> , 125, 103613	9.6	4
29	Wearable Sensing Devices: Towards the Development of a Personalized System for Construction Safety and Health Risk Mitigation. <i>Sensors</i> , <b>2021</b> , 21,	3.8	9
28	Agent-based modeling and simulation in construction. <i>Automation in Construction</i> , <b>2021</b> , 131, 103882	9.6	7
27	Building design and its effect on evacuation efficiency and casualty levels during an indoor active shooter incident. <i>Safety Science</i> , <b>2020</b> , 127, 104692	5.8	7
26	Multi-Level-Phase Deep Learning Using Divide-and-Conquer for Scaffolding Safety. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	1
25	Crane operation planning in overlapping areas through dynamic supply selection. <i>Automation in Construction</i> , <b>2020</b> , 117, 103253	9.6	17
24	Framework for Automated Generation of Constructible Steel Erection Sequences Using Structural Information of Static Indeterminacy Variation in BIM. <i>KSCE Journal of Civil Engineering</i> , <b>2020</b> , 24, 3169-3178	1.9	2
23	Automated scaffolding safety analysis: strain feature investigation using support vector machines. <i>Canadian Journal of Civil Engineering</i> , <b>2020</b> , 47, 921-928	1.3	
22	Investigation of Tactile Sensory System Configuration for Construction Hazard Perception. <i>Sensors</i> , <b>2019</b> , 19,	3.8	4
21	Emergency response: Effect of human detection resolution on risks during indoor mass shooting events. <i>Safety Science</i> , <b>2019</b> , 114, 160-170	5.8	9
20	Design and preliminary testing of demand-responsive transverse rumble strips. <i>Advances in Mechanical Engineering</i> , <b>2019</b> , 11, 168781401987830	1.2	2
19	Enhanced Machine Learning Classification Accuracy for Scaffolding Safety Using Increased Features. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2019</b> , 145, 04018133	4.2	14
18	Energy loss in cement-based material for efficient sensor deployment at a site. <i>Canadian Journal of Civil Engineering</i> , <b>2018</b> , 45, 547-553	1.3	
17	An Embedded Sensory System for Worker Safety: Prototype Development and Evaluation. <i>Sensors</i> , <b>2018</b> , 18,	3.8	6
16	Data-Driven Monitoring System for Preventing the Collapse of Scaffolding Structures. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2018</b> , 144, 04018077	4.2	13

15	Scaffolding Modelling for Real-Time Monitoring using a Strain Sensing Approach <b>2018</b> ,		3
14	Machine Learning for Assessing Real-Time Safety Conditions of Scaffolds <b>2018</b> ,		2
13	Adaptive Signal-Processing for BLE Sensors for Dynamic Construction Proximity Safety Applications <b>2018</b> ,		1
12	Automated and Optimized Sensor Deployment using Building Models and Electromagnetic Simulation. <i>KSCE Journal of Civil Engineering</i> , <b>2018</b> , 22, 4739-4749	1.9	3
11	Sensor-Based Safety Performance Assessment of Individual Construction Workers. <i>Sensors</i> , <b>2018</b> , 18,	3.8	13
10	Automated Generation of Optimal Steel Sequences with Discrete Action, Status, and Interaction Simulation in BIM <b>2018</b> ,		1
9	Self-corrective knowledge-based hybrid tracking system using BIM and multimodal sensors. <i>Advanced Engineering Informatics</i> , <b>2017</b> , 32, 126-138	7.4	43
8	Development and Evaluation of a Probabilistic Local Search Algorithm for Complex Dynamic Indoor Construction Sites. <i>Journal of Computing in Civil Engineering</i> , <b>2017</b> , 31, 04017015	5	13
7	Improving dynamic proximity sensing and processing for smart work-zone safety. <i>Automation in Construction</i> , <b>2017</b> , 84, 111-120	9.6	41
6	Framework of Automated Construction-Safety Monitoring Using Cloud-Enabled BIM and BLE Mobile Tracking Sensors. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2017</b> , 143, 05016019	4.3	107
5	A Wireless Tracking System Integrated with BIM for Indoor Construction Applications <b>2016</b> ,		6
4	Performance Test of Wireless Technologies for Personnel and Equipment Proximity Sensing in Work Zones. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2016</b> , 142, 04015049	4.2	63
3	A BIM and UWB integrated Mobile Robot Navigation System for Indoor Position Tracking Applications. <i>Journal of Construction Engineering and Project Management</i> , <b>2016</b> , 6, 30-39		26
2	A Framework for Cloud-based Energy Evaluation and Management for Sustainable Decision Support in the Built Environments. <i>Procedia Engineering</i> , <b>2015</b> , 118, 442-448		4
1	Analytic Hierarchical Procedure and Economic Analysis of Pneumatic Pavement Crack Preparation Devices. <i>Journal of Construction Engineering and Project Management</i> , <b>2015</b> , 5, 44-52		