Sayan Sakhakarmi

List of Publications by Citations

11 papers	42 citations	4 h-index	6 g-index
14 ext. papers	62 ext. citations	4.6 avg, IF	2.63 L-index

#	Paper	IF	Citations
11	Enhanced Machine Learning Classification Accuracy for Scaffolding Safety Using Increased Features. *Journal of Construction Engineering and Management - ASCE*, **2019**, 145, 04018133	4.2	14
10	Emergency response: Effect of human detection resolution on risks during indoor mass shooting events. *Safety Science*, **2019**, 114, 160-170	5.8	9
9	Investigation of Tactile Sensory System Configuration for Construction Hazard Perception. *Sensors*, **2019**, 19,	3.8	4
8	Tactile-based wearable system for improved hazard perception of worker and equipment collision. *Automation in Construction*, **2021**, 125, 103613	9.6	4
7	Scaffolding Modelling for Real-Time Monitoring using a Strain Sensing Approach **2018**,		3
6	Life-Cycle Cost Comparison of Cement Concrete and Polymer Concrete Manholes Used in Sewer Systems **2018**,		2
5	Machine Learning for Assessing Real-Time Safety Conditions of Scaffolds **2018**,		2
4	Prototype Development of a Tactile Sensing System for Improved Worker Safety Perception **2019**,		2
3	Multi-Level-Phase Deep Learning Using Divide-and-Conquer for Scaffolding Safety. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	1
2	Automated scaffolding safety analysis: strain feature investigation using support vector machines. *Canadian Journal of Civil Engineering*, **2020**, 47, 921-928	1.3	
1	Improved intrusion accident management using haptic signals in roadway work zone.. *Journal of Safety Research*, **2022**, 80, 320-329	4	