

# Sayan Sakhakarmi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1749965/publications.pdf>

Version: 2024-02-01

14  
papers

95  
citations

1683354

5  
h-index

1719596

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g-index

14  
all docs

14  
docs citations

14  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Machine Learning Classification Accuracy for Scaffolding Safety Using Increased Features. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	29
2	Tactile-based wearable system for improved hazard perception of worker and equipment collision. Automation in Construction, 2021, 125, 103613.	4.8	17
3	Emergency response: Effect of human detection resolution on risks during indoor mass shooting events. Safety Science, 2019, 114, 160-170.	2.6	14
4	Investigation of Tactile Sensory System Configuration for Construction Hazard Perception. Sensors, 2019, 19, 2527.	2.1	8
5	Scaffolding Modelling for Real-Time Monitoring using a Strain Sensing Approach. , 2018, , .		8
6	Improved intrusion accident management using haptic signals in roadway work zone. Journal of Safety Research, 2022, 80, 320-329.	1.7	5
7	Life-Cycle Cost Comparison of Cement Concrete and Polymer Concrete Manholes Used in Sewer Systems. , 2018, , .		3
8	Multi-Level-Phase Deep Learning Using Divide-and-Conquer for Scaffolding Safety. International Journal of Environmental Research and Public Health, 2020, 17, 2391.	1.2	3
9	Prototype Development of a Tactile Sensing System for Improved Worker Safety Perception. , 2019, , .		2
10	Automated scaffolding safety analysis: strain feature investigation using support vector machines. Canadian Journal of Civil Engineering, 2020, 47, 921-928.	0.7	2
11	Machine Learning for Assessing Real-Time Safety Conditions of Scaffolds. , 2018, , .		2
12	Wearable Tactile System for Improved Hazard Perception in Construction Sites. , 2020, , .		2
13	Scaffold Safety Analysis: Focusing on Divide-and-Conquer Method. , 2020, , .		0
14	Scaffold Safety Analysis: Focusing on Deep Learning. , 2020, , .		0