Hyunsoo Kim

List of Publications by Year
in descending order

13 papers	445 citations	1305906 8 h-index	1255698 13 g-index
13 all docs	13 docs citations	13 times ranked	349 citing authors

#	Article	IF	Citations
1	Analysis of safety risk factors of modular construction to identify accident trends. Journal of Asian Architecture and Building Engineering, 2022, 21, 1040-1052.	1.2	29
2	Two-Step k-means Clustering Based Information Entropy for Detecting Environmental Barriers Using Wearable Sensor. International Journal of Environmental Research and Public Health, 2022, 19, 704.	1.2	3
3	Feasibility of DRNN for Identifying Built Environment Barriers to Walkability Using Wearable Sensor Data from Pedestrians' Gait. Applied Sciences (Switzerland), 2022, 12, 4384.	1.3	3
4	The Feasibility of Information-Entropy-Based Behavioral Analysis for Detecting Environmental Barriers. International Journal of Environmental Research and Public Health, 2021, 18, 11727.	1.2	2
5	Investigating the Relation between Walkability and the Changes in Pedestrian Policy through Wearable Sensing. Sustainability, 2020, 12, 10447.	1.6	7
6	Wearable Sensor Data-Driven Walkability Assessment for Elderly People. Sustainability, 2020, 12, 4041.	1.6	9
7	Integrated Design Process for Modular Construction Projects to Reduce Rework. Sustainability, 2020, 12, 530.	1.6	21
8	Automated Methods for Activity Recognition of Construction Workers and Equipment: State-of-the-Art Review. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	2.0	110
9	Validating ambulatory gait assessment technique for hazard sensing in construction environments. Automation in Construction, 2019, 98, 302-309.	4.8	34
10	Collective sensing of workers' gait patterns to identify fall hazards in construction. Automation in Construction, 2017, 82, 166-178.	4.8	98
11	Identifying Safety Hazards Using Collective Bodily Responses of Workers. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	56
12	A people-centric sensing approach to detecting sidewalk defects. Advanced Engineering Informatics, 2016, 30, 660-671.	4.0	30
13	Weather-Delay Simulation Model Based on Vertical Weather Profile for High-Rise Building Construction. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	43