Shi Chen

List of Publications by Year
in descending order

13 papers	**90** citations	1684188 **5** h-index	1872680 **6** g-index
13 all docs	**13** docs citations	**13** times ranked	**38** citing authors

#	Article	IF	Citations
1	Graph-based linguistic and visual information integration for on-site occupational hazards identification. Automation in Construction, 2022, 137, 104191.	9.8	9
2	Towards on-site hazards identification of improper use of personal protective equipment using deep learning-based geometric relationships and hierarchical scene graph. Automation in Construction, 2021, 125, 103619.	9.8	36
3	A Real-Time Automated Approach for Ensuring Proper Use of Personal Protective Equipment (PPE) in Construction Site. Lecture Notes in Civil Engineering, 2021, , 1115-1126.	0.4	0
4	A Graph-Based Scene Understanding Approach for Ensuring Proper Use of Personal Protective Equipment at the Decommissioning Site of Fukushima Daiichi Nuclear Power Station. , 2021, , .		0
5	Towards Malicious Action Detection for Nuclear Security via Integrated Deep Learning Based Image Recognition and Natural Language Processing. , 2021, , .		0
6	Robust human pose estimation from distorted wide-angle images through iterative search of transformation parameters. Signal, Image and Video Processing, 2020, 14, 693-700.	2.7	7
7	A Vision-Based Approach for Ensuring Proper Use of Personal Protective Equipment (PPE) in Decommissioning of Fukushima Daiichi Nuclear Power Station. Applied Sciences (Switzerland), 2020, 10, 5129.	2.5	23
8	Weakly Supervised Graph Convolutional Neural Network for Human Action Localization. , 2020, , .		2
9	A Novel System for Automated Proper Use Identification of Personal Protective Equipment in Decommissioning Site of Fukushima Daiichi Nuclear Power Station. , 2020, , .		0
10	Robust human motion recognition from wide-angle images for video surveillance in nuclear power plants. Mechanical Engineering Journal, 2020, 7, 19-00533-19-00533.	0.4	1
11	Unnatural Human Motion Detection using Weakly Supervised Deep Neural Network. , 2020, , .		3
12	Proposal of an insider sabotage detection method for nuclear security using deep learning. Journal of Nuclear Science and Technology, 2019, 56, 599-607.	1.3	9
13	INSIDER SABOTAGE DETECTION FOR NUCLEAR FACILITIES USING DEEP LEARNING. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2019, 2019.27, 1478.	0.0	0