Pedestrian Detection Based on Adaptive Selection of Visible Light or Far-Infrared Light Camera Image by Fuzzy Inference System and Convolutional Neural Network-Based Verification

#	Paper	IF	Citations
14	Nighttime Foreground Pedestrian Detection Based on Three-Dimensional Voxel Surface Model. *Sensors*, **2017**, 17,	3.8	7
13	IrisDenseNet: Robust Iris Segmentation Using Densely Connected Fully Convolutional Networks in the Images by Visible Light and Near-Infrared Light Camera Sensors. *Sensors*, **2018**, 18,	3.8	60
12	Pedestrian and Cyclist Detection and Intent Estimation for Autonomous Vehicles: A Survey. *Applied Sciences (Switzerland)*, **2019**, 9, 2335	2.6	25
11	Coarse-to-Fine Adaptive People Detection for Video Sequences by Maximizing Mutual Information. *Sensors*, **2018**, 19,	3.8	2
10	Near infrared nighttime road pedestrians recognition based on convolutional neural network. *Infrared Physics and Technology*, **2019**, 97, 25-32	2.7	21
9	Network Pharmacology in Research of Chinese Medicine Formula: Methodology, Application and Prospective. *Chinese Journal of Integrative Medicine*, **2020**, 26, 72-80	2.9	186
8	Dynamic Control of Transmission Interval for Efficient Pedestrian-to-Vehicle Communication Based on Channel Utilization Rate. **2020**,		
7	Evaluation of convolutional neural networks for the classification of falls from heterogeneous thermal vision sensors. *International Journal of Distributed Sensor Networks*, **2020**, 16, 155014772092048	1.7	5
6	Multispectral particle filter tracking using adaptive decision-based fusion of visible and thermal sequences. *Multimedia Tools and Applications*, **2020**, 79, 18405-18434	2.5	3
5	Invariant Features-Based Fuzzy Inference System for Animal Detection and Recognition Using Thermal Images. *International Journal of Fuzzy Systems*, **2020**, 22, 1868-1879	3.6	6
4	Pipeline image diagnosis algorithm based on neural immune ensemble learning. *International Journal of Pressure Vessels and Piping*, **2021**, 189, 104249	2.4	15
3	Big Data Mining and Analysis Based on Convolutional Fuzzy Neural Network. *Arabian Journal for Science and Engineering*, 1	2.5	1
2	Multifeature fusion for robust human detection in thermal infrared imagery. *Optical Engineering*, **2019**, 58, 1	1.1	2
1	Nighttime Pedestrian and Vehicle Detection Based on a Fast Saliency and Multifeature Fusion Algorithm for Infrared Images. **2022**, 23, 16741-16751		0