

Convolutional Neural Network-Based Human Detection Light Camera Sensors

Sensors

17, 1065

DOI: [10.3390/s17051065](https://doi.org/10.3390/s17051065)

Citation Report

#	ARTICLE	IF	CITATIONS
1	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. <i>Sensors</i> , 2017, 17, 1598.	2.1	16
2	Efficient Pedestrian Detection at Nighttime Using a Thermal Camera. <i>Sensors</i> , 2017, 17, 1850.	2.1	49
3	Hyperspectral Remote Sensing Image Classification Based on Maximum Overlap Pooling Convolutional Neural Network. <i>Sensors</i> , 2018, 18, 3587.	2.1	23
4	Delving Deep into Multiscale Pedestrian Detection via Single Scale Feature Maps. <i>Sensors</i> , 2018, 18, 1063.	2.1	5
5	Convolutional Neural Network Based on Extreme Learning Machine for Maritime Ships Recognition in Infrared Images. <i>Sensors</i> , 2018, 18, 1490.	2.1	53
6	IrisDenseNet: Robust Iris Segmentation Using Densely Connected Fully Convolutional Networks in the Images by Visible Light and Near-Infrared Light Camera Sensors. <i>Sensors</i> , 2018, 18, 1501.	2.1	84
7	A New Region Proposal Network for Far-Infrared Pedestrian Detection. <i>IEEE Access</i> , 2019, 7, 135023-135030.	2.6	11
8	Real-Time Vehicle Detection from Captured Images. , 2019, , .		6
9	VisNet: Deep Convolutional Neural Networks for Forecasting Atmospheric Visibility. <i>Sensors</i> , 2019, 19, 1343.	2.1	49
10	Fusion of thermal and visible colour images for robust detection of people in forests. , 2019, , .		0
11	Fast and Reliable Group Attendance Marking System Using Face Recognition In Classrooms. , 2019, , .		2
12	A Deep-Learning-Based Vehicle Detection Approach for Insufficient and Nighttime Illumination Conditions. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4769.	1.3	28
13	Image based fruit category classification by 13-layer deep convolutional neural network and data augmentation. <i>Multimedia Tools and Applications</i> , 2019, 78, 3613-3632.	2.6	271
14	Real-time moving human detection using HOG and Fourier descriptor based on CUDA implementation. <i>Journal of Real-Time Image Processing</i> , 2020, 17, 1841-1856.	2.2	8
15	CNN-Based Person Detection Using Infrared Images for Night-Time Intrusion Warning Systems. <i>Sensors</i> , 2020, 20, 34.	2.1	49
16	Feature Channel Expansion and Background Suppression as the Enhancement for Infrared Pedestrian Detection. <i>Sensors</i> , 2020, 20, 5128.	2.1	2
17	Tuning of Classifiers to Speed-Up Detection of Pedestrians in Infrared Images. <i>Sensors</i> , 2020, 20, 4363.	2.1	5
18	A complex junction recognition method based on GoogLeNet model. <i>Transactions in GIS</i> , 2020, 24, 1756-1778.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Point-by-point feature extraction of artificial intelligence images based on the Internet of Things. Computer Communications, 2020, 159, 1-8.	3.1	8
20	Real-Time Human Detection in a Restricted Area for Safety in Truck Dumper Control System Using Deep Learning. International Journal of Electrical and Electronic Engineering and Telecommunications, 2021, , 29-35.	3.4	0
21	CNN Hyperparameter Optimization using Random Grid Coarse-to-fine Search for Face Classification. Kinetik, 0, , 19-26.	0.1	2
22	Monitoring social distancing under various low light conditions with deep learning and a single motionless time of flight camera. PLoS ONE, 2021, 16, e0247440.	1.1	38
23	CONSOLE: intruder detection using a UAV swarm and security rings. Swarm Intelligence, 2021, 15, 205-235.	1.3	10
24	Real-Time Human Recognition at Night via Integrated Face and Gait Recognition Technologies. Sensors, 2021, 21, 4323.	2.1	18
25	Deep learning for object detection and scene perception in self-driving cars: Survey, challenges, and open issues. Array, 2021, 10, 100057.	2.5	203
26	CNN-based Transfer Learning for Covid-19 Diagnosis. , 2021, , .		0
28	Human object detection: An enhanced black widow optimization algorithm with deep convolution neural network. Neural Computing and Applications, 2021, 33, 15831-15842.	3.2	10
29	Human detection in aerial thermal imaging using a fully convolutional regression network. Infrared Physics and Technology, 2021, 116, 103796.	1.3	20
30	Multimodal person detection system. Multimedia Tools and Applications, 2021, 80, 13389-13406.	2.6	1
31	Pedestrian Detection at Night Based on Faster R-CNN and Far Infrared Images. Lecture Notes in Computer Science, 2018, , 335-345.	1.0	4
32	Map-Guided Curriculum Domain Adaptation and Uncertainty-Aware Evaluation for Semantic Nighttime Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3139-3153.	9.7	48
33	Detección de peatones en la noche usando Faster R-CNN e imágenes infrarrojas. Ingenius: Revista De Ciencia Y Tecnología, 2018, , 48-57.	0.1	0
34	Real-Time Implementation of Human Detection in Thermal Imagery Based on CNN. The Journal of Korean Institute of Information Technology, 2019, 17, 107-121.	0.1	3
35	Multifeature fusion for robust human detection in thermal infrared imagery. Optical Engineering, 2019, 58, 1.	0.5	2
36	Non-max Suppression for Real-Time Human Localization in Long Wavelength Infrared Region. Learning and Analytics in Intelligent Systems, 2020, , 166-174.	0.5	1
37	NAPC: A Neural Algorithm for Automated Passenger Counting in Public Transport on a Privacy-Friendly Dataset. IEEE Open Journal of Intelligent Transportation Systems, 2022, 3, 33-44.	2.6	7

#	ARTICLE	IF	CITATIONS
38	CDAda: A Curriculum Domain Adaptation for Nighttime Semantic Segmentation. , 2021, , .		22
40	Detección de peatones en el día y en la noche usando YOLO-v5. Ingenius: Revista De Ciencia Y Tecnología, 2022, , .	0.1	1
41	Wavelet-Based Saliency and Ensemble Classifier for Pedestrian Detection in Infrared Images. Advances in Science, Technology and Innovation, 2022, , 95-107.	0.2	0
42	Overview of pedestrian detection based on infrared image. , 2022, , .		0
43	Smart Surveillance System Using Deep Learning Approaches. Advances in Computational Intelligence and Robotics Book Series, 2022, , 92-114.	0.4	0
45	Theft detection system using cGAN approach. AIP Conference Proceedings, 2023, , .	0.3	0
47	Building a multi-human bodies detection at different distances based on RCNN and faster RCNN techniques. AIP Conference Proceedings, 2024, , .	0.3	0