

CITATION REPORT

List of articles citing

Robust pedestrian detection by combining visible and thermal infrared cameras

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#	Paper	IF	Citations
37	Pedestrian detection in the context of multiple-sensor data alignment for far-infrared and stereo vision sensors. 2015 ,		4
36	Reliable intruder detection using combined modalities of intensity, thermal infrared and stereo depth. 2015 ,		1
35	Human Detection Based on the Generation of a Background Image and Fuzzy System by Using a Thermal Camera. <i>Sensors</i> , 2016 , 16, 453	3.8	17
34	Pedestrian Detection and Tracking from Low-Resolution Unmanned Aerial Vehicle Thermal Imagery. <i>Sensors</i> , 2016 , 16, 446	3.8	61
33	Pedestrian Detection at Day/Night Time with Visible and FIR Cameras: A Comparison. <i>Sensors</i> , 2016 , 16,	3.8	109
32	Robust Behavior Recognition in Intelligent Surveillance Environments. <i>Sensors</i> , 2016 , 16,	3.8	15
31	Enhanced Gender Recognition System Using an Improved Histogram of Oriented Gradient (HOG) Feature from Quality Assessment of Visible Light and Thermal Images of the Human Body. <i>Sensors</i> , 2016 , 16,	3.8	11
30	Body-Based Gender Recognition Using Images from Visible and Thermal Cameras. <i>Sensors</i> , 2016 , 16, 156	3.8	16
29	Remote pedestrians detection at night time in FIR Image using contrast filtering and locally projected region based CNN. 2017 ,		1
28	Fuzzy system based human behavior recognition by combining behavior prediction and recognition. <i>Expert Systems With Applications</i> , 2017 , 81, 108-133	7.8	33
27	Fast pedestrian detection and dynamic tracking for intelligent vehicles within V2V cooperative environment. <i>IET Image Processing</i> , 2017 , 11, 833-840	1.7	16
26	Machine vision for rat detection using thermal and visual information. 2017 ,		3
25	Gender Recognition from Human-Body Images Using Visible-Light and Thermal Camera Videos Based on a Convolutional Neural Network For Image Feature Extraction. <i>Sensors</i> , 2017 , 17,	3.8	23
24	Convolutional Neural Network-Based Human Detection in Nighttime Images Using Visible Light Camera Sensors. <i>Sensors</i> , 2017 , 17,	3.8	32
23	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,	3.8	13
22	Person Recognition System Based on a Combination of Body Images from Visible Light and Thermal Cameras. <i>Sensors</i> , 2017 , 17,	3.8	137
21	AHD: Thermal Image-Based Adaptive Hand Detection for Enhanced Tracking System. <i>IEEE Access</i> , 2018 , 6, 12156-12166	3.5	10

20	Pedestrian detection at night time in FIR domain: Comprehensive study about temperature and brightness and new benchmark. <i>Pattern Recognition</i> , 2018 , 79, 44-54	7.7	17
19	Body-movement-based human identification using convolutional neural network. <i>Expert Systems With Applications</i> , 2018 , 101, 56-77	7.8	20
18	Gait-Based Human Identification by Combining Shallow Convolutional Neural Network-Stacked Long Short-Term Memory and Deep Convolutional Neural Network. <i>IEEE Access</i> , 2018 , 6, 63164-63186	3.5	22
17	Saliency Detection Based Region Extraction for Pedestrian Detection System with Thermal Imageries. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2018 , E101.A, 306-310	0.4	1
16	Convolutional Neural Network-Based Shadow Detection in Images Using Visible Light Camera Sensor. <i>Sensors</i> , 2018 , 18,	3.8	20
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13	Visual and Thermal Data for Pedestrian and Cyclist Detection. <i>Lecture Notes in Computer Science</i> , 2019 , 223-234	0.9	0
12	Multi-Modal Detection Fusion on a Mobile UGV for Wide-Area, Long-Range Surveillance. 2019 ,		0
11	A Study on the Elimination of Thermal Reflections. <i>IEEE Access</i> , 2019 , 7, 174597-174611	3.5	7
10	A Parallel Convolutional Neural Network for Pedestrian Detection. <i>Electronics (Switzerland)</i> , 2020 , 9, 1478	2.6	4
9	Infrared Pedestrian Detection Based on Attention Mechanism. <i>Journal of Physics: Conference Series</i> , 2020 , 1634, 012032	0.3	1
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7	Pedestrian tracking in thermal videos using TFM (tri-feature matrix). <i>Pattern Analysis and Applications</i> , 2021 , 24, 831-842	2.3	
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