Bharath Ramesh

List of Publications by Year
in descending order

31	325	1039880 9	887953 17
papers	citations	h-index	g-index

31	31	31	325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single Image Deraining Integrating Physics Model and Density-Oriented Conditional GAN Refinement. IEEE Signal Processing Letters, 2021, 28, 1635-1639.	2.1	7
2	Semantic Segmentation Leveraging Simultaneous Depth Estimation. Sensors, 2021, 21, 690.	2.1	6
3	A Two-Stage Density-Aware Single Image Deraining Method. IEEE Transactions on Image Processing, 2021, 30, 6843-6854.	6.0	10
4	e-TLD: Event-Based Framework for Dynamic Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3996-4006.	5.6	16
5	Superevents: Towards Native Semantic Segmentation for Event-based Cameras. , 2021, , .		0
6	Vehicle Detection in Remote Sensing Images Leveraging on Simultaneous Super-Resolution. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 676-680.	1.4	40
7	HyNNA: Improved Performance for Neuromorphic Vision Sensor Based Surveillance using Hybrid Neural Network Architecture. , 2020, , .		8
8	SOFEA: A Non-iterative and Robust Optical Flow Estimation Algorithm for Dynamic Vision Sensors. , 2020, , .		5
9	Boosted Kernelized Correlation Filters for Event-based Face Detection. , 2020, , .		11
10	Low-Power Dynamic Object Detection and Classification With Freely Moving Event Cameras. Frontiers in Neuroscience, 2020, 14, 135.	1.4	11
11	DART: Distribution Aware Retinal Transform for Event-based Cameras. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	9.7	47
12	EOVNet: Earth-Observation Image-Based Vehicle Detection Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3552-3561.	2.3	12
13	EBBIOT: A Low-complexity Tracking Algorithm for Surveillance in IoVT using Stationary Neuromorphic Vision Sensors. , 2019, , .		15
14	A novel framework for robust long-term object tracking in real-time. Machine Vision and Applications, 2019, 30, 529-539.	1.7	0
15	Scalable scene understanding via saliency consensus. Soft Computing, 2019, 23, 2429-2443.	2.1	6
16	Efficient velocity estimation for MAVs by fusing motion from two frontally parallel cameras. Journal of Real-Time Image Processing, 2019, 16, 2367-2378.	2.2	5
17	Real-time optical flow-based video stabilization for unmanned aerial vehicles. Journal of Real-Time Image Processing, 2019, 16, 1975-1985.	2.2	29
18	Correction to: PCA-RECT: An Energy-Efficient Object Detection Approach for Event Cameras. Lecture Notes in Computer Science, 2019, , C1-C1.	1.0	0

#	Article	IF	Citations
19	PCA-RECT: An Energy-Efficient Object Detection Approach for Event Cameras. Lecture Notes in Computer Science, 2019, , 434-449.	1.0	2
20	Synergizing Appearance and Motion With Low Rank Representation for Vehicle Counting and Traffic Flow Analysis. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2675-2685.	4.7	23
21	Scene Hierarchy: A Missing Piece in Scene Classification. , 2018, , .		0
22	Fast Sparse Coding for Range Data Denoising with Sparse Ridges Constraint. Sensors, 2018, 18, 1449.	2.1	4
23	Multiple object cues for high performance vector quantization. Pattern Recognition, 2017, 67, 380-395.	5.1	7
24	Unseen object categorization using multiple visual cues. Neurocomputing, 2017, 230, 88-99.	3.5	3
25	Design of dense, accurate stereo maps for fast maneuvering of unmanned aerial vehicles. , 2017, , .		2
26	Spike context: A neuromorphic descriptor for pattern recognition. , 2017, , .		3
27	Long-term cooperative tracking using multiple unmanned aerial vehicles. , 2016, , .		1
28	Biologically inspired lighting invariant facial identity recognition. , 2015, , .		0
29	Shape classification using invariant features and contextual information in the bag-of-words model. Pattern Recognition, 2015, 48, 894-906.	5.1	43
30	Biologically Inspired Composite Vision System for Multiple Depth-of-field Vehicle Tracking and Speed Detection. Lecture Notes in Computer Science, 2015, , 473-486.	1.0	9
31	Real-time shape classification using biologically inspired invariant features. , 2014, , .		0