

# Brendan Tran Morris

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57  
papers

1,636  
citations

19  
h-index

40  
g-index

66  
ext. papers

1,947  
ext. citations

2.4  
avg, IF

5.36  
L-index

#	Paper	IF	Citations
57	A Survey of Vision-Based Trajectory Learning and Analysis for Surveillance. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2008</b> , 18, 1114-1127	6.4	306
56	Trajectory learning for activity understanding: unsupervised, multilevel, and long-term adaptive approach. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2011</b> , 33, 2287-301	13.3	222
55	Learning, Modeling, and Classification of Vehicle Track Patterns from Live Video. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2008</b> , 9, 425-437	6.1	131
54	Lane change intent prediction for driver assistance: On-road design and evaluation <b>2011</b> ,		115
53	Learning trajectory patterns by clustering: Experimental studies and comparative evaluation <b>2009</b> ,		103
52	On-road prediction of driver's intent with multimodal sensory cues. <i>IEEE Pervasive Computing</i> , <b>2011</b> , 10, 22-34	1.3	80
51	Looking at Intersections: A Survey of Intersection Monitoring, Behavior and Safety Analysis of Recent Studies. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2017</b> , 18, 4-24	6.1	65
50	Hierarchical and Networked Vehicle Surveillance in ITS: A Survey. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2015</b> , 16, 557-580	6.1	61
49	Hierarchical and Networked Vehicle Surveillance in ITS: A Survey. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2017</b> , 18, 25-48	6.1	51
48	Learning to Score Olympic Events <b>2017</b> ,		49
47	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2012</b> , 13, 1667-1678	6.1	44
46	Understanding vehicular traffic behavior from video: a survey of unsupervised approaches. <i>Journal of Electronic Imaging</i> , <b>2013</b> , 22, 041113	0.7	34
45	Learning multi-lane trajectories using vehicle-based vision <b>2011</b> ,		28
44	Vision-Based Turning Movement Monitoring:Count, Speed & Waiting Time Estimation. <i>IEEE Intelligent Transportation Systems Magazine</i> , <b>2016</b> , 8, 23-34	2.6	26
43	Use of active video gaming in children with neuromotor dysfunction: a systematic review. <i>Developmental Medicine and Child Neurology</i> , <b>2017</b> , 59, 903-911	3.3	24
42	Improved Vehicle Classification in Long Traffic Video by Cooperating Tracker and Classifier Modules <b>2006</b> ,		23
41	Convolutional Neural Network for Trajectory Prediction. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 186-196		22

40	Trajectory prediction of vehicles turning at intersections using deep neural networks. <i>Machine Vision and Applications</i> , <b>2019</b> , 30, 1097-1109	2.8	22
39	<b>2015</b> ,		20
38	Vision-based turning movement counting at intersections by cooperating zone and trajectory comparison modules <b>2014</b> ,		15
37	Learning trajectory patterns by clustering: Experimental studies and comparative evaluation		15
36	SSeg-LSTM: Semantic Scene Segmentation for Trajectory Prediction <b>2019</b> ,		13
35	Measuring the quality of exercises. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 2241-2244	0.9	13
34	Vehicle Iconic Surround Observer: Visualization platform for intelligent driver support applications <b>2010</b> ,		13
33	Fast CNN surveillance pipeline for fine-grained vessel classification and detection in maritime scenarios <b>2016</b> ,		12
32	Off-the-Shelf CNN Features for Fine-Grained Classification of Vessels in a Maritime Environment. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 379-388	0.9	12
31	A typical video-based framework for counting, behavior and safety analysis at intersections <b>2015</b> ,		11
30	Unsupervised learning of motion patterns of rear surrounding vehicles <b>2009</b> ,		11
29	OFDM Performance Assessment for Traffic Surveillance in Drone Small Cells. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 2869-2878	6.1	11
28	Contextual Combination of Appearance and Motion for Intersection Videos with Vehicles and Pedestrians. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 708-717	0.9	9
27	Vision-based pedestrian behavior analysis at intersections. <i>Journal of Electronic Imaging</i> , <b>2016</b> , 25, 051203-7	0.37	9
26	Observing on-road vehicle behavior: Issues, approaches, and perspectives <b>2013</b> ,		8
25	Vision-based vehicle queue analysis at junctions <b>2015</b> ,		7
24	Real-Time Video Based Highway Traffic Measurement and Performance Monitoring <b>2007</b> ,		7
23	Fast FPGA-based fault injection tool for embedded processors <b>2013</b> ,		6

22	Contextual Activity Visualization from Long-Term Video Observations. <i>IEEE Intelligent Systems</i> , <b>2010</b> , 25, 50-62	4.2	6
21	Real-time roadway emissions estimation using visual traffic measurements <b>2011</b> ,		4
20	An adaptive scene description for activity analysis in surveillance video <b>2008</b> ,		4
19	Vision-Based Vehicle Counting with High Accuracy for Highways with Perspective View. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 809-818	0.9	3
18	Investigation of safety analysis methods using computer vision techniques. <i>Journal of Electronic Imaging</i> , <b>2017</b> , 26, 051404	0.7	2
17	Concept analysis of dietary biculturalism in Filipino immigrants within the context of cardiovascular risk. <i>Nursing Forum</i> , <b>2018</b> , 53, 241-247	2.2	2
16	Traffic phase inference using traffic cameras <b>2017</b> ,		2
15	MissFormer: (In-)Attention-Based Handling of Missing Observations for Trajectory Filtering and Prediction. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 521-533	0.9	2
14	Comparison of Object Detection Algorithms on Maritime Vessels <b>2014</b> ,		2
13	TAGCN: Topology-Aware Graph Convolutional Network for Trajectory Prediction. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 542-553	0.9	2
12	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 3765-3770	6.1	2
11	HalluciNet-ing Spatiotemporal Representations Using a 2D-CNN. <i>Signals</i> , <b>2021</b> , 2, 604-618	1.2	2
10	The Use of Social Media and mEMA Technology in Comparing Compliance Rate Among Users. <i>Asian Pacific Island Nursing Journal</i> , <b>2018</b> , 3, 168-176	0.6	1
9	Handling Missing Observations with an RNN-based Prediction-Update Cycle. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 311-321	0.9	1
8	CNN, Segmentation or Semantic Embeddings: Evaluating Scene Context for Trajectory Prediction. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 706-717	0.9	1
7	Vision-Based Vehicle and Pedestrian Tracking of Intersection Videos. <i>International Journal on Artificial Intelligence Tools</i> , <b>2016</b> , 25, 1640004	0.9	1
6	Traffic Flow Classification Using Traffic Cameras. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 758-767	0.9	0
5	Intersection Monitoring Using Computer Vision Techniques for Capacity, Delay, and Safety Analysis <b>2017</b> , 163-193		

4	MySnapFoodLog: Culturally Sensitive Food Photo-Logging App for Dietary Biculturalism Studies. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 470-482	0.9
3	Safety Quantification of Intersections Using Computer Vision Techniques. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 752-761	0.9
2	ITS Society Conferences [Conference Reports]. <i>IEEE Intelligent Transportation Systems Magazine</i> , <b>2021</b> , 13, 283-284	2.6
1	The 23rd IEEE International Conference on Intelligent Transportation Systems (Virtual) [Conference Reports]. <i>IEEE Intelligent Transportation Systems Magazine</i> , <b>2021</b> , 13, 250-255	2.6