

Brendan Tran Morris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6507547/publications.pdf>

Version: 2024-02-01

60
papers

2,241
citations

623188

14
h-index

433756

31
g-index

66
all docs

66
docs citations

66
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Vision-Based Trajectory Learning and Analysis for Surveillance. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1114-1127.	5.6	381
2	Trajectory Learning for Activity Understanding: Unsupervised, Multilevel, and Long-Term Adaptive Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 2287-2301.	9.7	278
3	Learning, Modeling, and Classification of Vehicle Track Patterns from Live Video. IEEE Transactions on Intelligent Transportation Systems, 2008, 9, 425-437.	4.7	166
4	Lane change intent prediction for driver assistance: On-road design and evaluation. , 2011, , .		144
5	Learning trajectory patterns by clustering: Experimental studies and comparative evaluation. , 2009, , .		142
6	Looking at Intersections: A Survey of Intersection Monitoring, Behavior and Safety Analysis of Recent Studies. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 4-24.	4.7	112
7	Learning to Score Olympic Events. , 2017, , .		108
8	On-road prediction of driver's intent with multimodal sensory cues. IEEE Pervasive Computing, 2011, 10, 22-34.	1.1	90
9	Hierarchical and Networked Vehicle Surveillance in ITS: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 25-48.	4.7	81
10	Hierarchical and Networked Vehicle Surveillance in ITS: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 557-580.	4.7	78
11	Real-Time Video-Based Traffic Measurement and Visualization System for Energy/Emissions. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 1667-1678.	4.7	60
12	Convolutional Neural Network for Trajectory Prediction. Lecture Notes in Computer Science, 2019, , 186-196.	1.0	58
13	Understanding vehicular traffic behavior from video: a survey of unsupervised approaches. Journal of Electronic Imaging, 2013, 22, 041113.	0.5	44
14	Use of active video gaming in children with neuromotor dysfunction: a systematic review. Developmental Medicine and Child Neurology, 2017, 59, 903-911.	1.1	38
15	Trajectory prediction of vehicles turning at intersections using deep neural networks. Machine Vision and Applications, 2019, 30, 1097-1109.	1.7	38
16	Vision-Based Turning Movement Monitoring:Count, Speed & Waiting Time Estimation. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 23-34.	2.6	37
17	Learning multi-lane trajectories using vehicle-based vision. , 2011, , .		34
18	Improved Vehicle Classification in Long Traffic Video by Cooperating Tracker and Classifier Modules. , 2006, , .		32

#	ARTICLE	IF	CITATIONS
19	Observing behaviors at intersections: A review of recent studies & developments. , 2015, , .		26
20	Measuring the quality of exercises. , 2016, 2016, 2241-2244.		21
21	SSeg-LSTM: Semantic Scene Segmentation for Trajectory Prediction. , 2019, , .		21
22	Fast CNN surveillance pipeline for fine-grained vessel classification and detection in maritime scenarios. , 2016, , .		18
23	Vision-based turning movement counting at intersections by cooperating zone and trajectory comparison modules. , 2014, , .		17
24	Off-the-Shelf CNN Features for Fine-Grained Classification of Vessels in a Maritime Environment. Lecture Notes in Computer Science, 2015, , 379-388.	1.0	17
25	Vision-based vehicle queue analysis at junctions. , 2015, , .		16
26	Learning trajectory patterns by clustering: Experimental studies and comparative evaluation. , 2009, , .		15
27	Vision-based pedestrian behavior analysis at intersections. Journal of Electronic Imaging, 2016, 25, 051203.	0.5	14
28	OFDM Performance Assessment for Traffic Surveillance in Drone Small Cells. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2869-2878.	4.7	14
29	Vehicle Iconic Surround Observer: Visualization platform for intelligent driver support applications. , 2010, , .		13
30	A typical video-based framework for counting, behavior and safety analysis at intersections. , 2015, , .		12
31	Unsupervised learning of motion patterns of rear surrounding vehicles. , 2009, , .		11
32	Observing on-road vehicle behavior: Issues, approaches, and perspectives. , 2013, , .		11
33	Real-Time Video Based Highway Traffic Measurement and Performance Monitoring. , 2007, , .		10
34	Fast FPGA-based fault injection tool for embedded processors. , 2013, , .		10
35	An adaptive scene description for activity analysis in surveillance video. , 2008, , .		7
36	Contextual Activity Visualization from Long-Term Video Observations. IEEE Intelligent Systems, 2010, 25, 50-62.	4.0	7

#	ARTICLE	IF	CITATIONS
37	Real-time roadway emissions estimation using visual traffic measurements. , 2011, , .		6
38	CNN, Segmentation or Semantic Embeddings: Evaluating Scene Context for Trajectory Prediction. Lecture Notes in Computer Science, 2020, , 706-717.	1.0	5
39	Win-Fail Action Recognition. , 2022, , .		5
40	Traffic phase inference using traffic cameras. , 2017, , .		3
41	Guest Editorial Introduction to the Special Issue on Intelligent Transportation Systems Empowered by AI Technologies. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3765-3770.	4.7	3
42	HalluciNet-ing Spatiotemporal Representations Using a 2D-CNN. Signals, 2021, 2, 604-618.	1.2	3
43	TAGCN: Topology-Aware Graph Convolutional Network for Trajectory Prediction. Lecture Notes in Computer Science, 2020, , 542-553.	1.0	3
44	Investigation of safety analysis methods using computer vision techniques. Journal of Electronic Imaging, 2017, 26, 051404.	0.5	2
45	Concept analysis of dietary biculturalism in Filipino immigrants within the context of cardiovascular risk. Nursing Forum, 2018, 53, 241-247.	1.0	2
46	The Use of Social Media and mEMA Technology in Comparing Compliance Rate Among Users. Asian Pacific Island Nursing Journal, 2018, 3, 168-176.	0.3	2
47	Image Processing and Pattern Recognition Research Center of the Technical University of Cluj-Napoca, Romania [ITS Research Lab]. IEEE Intelligent Transportation Systems Magazine, 2014, 6, 70-73.	2.6	1
48	Vision-Based Vehicle and Pedestrian Tracking of Intersection Videos. International Journal on Artificial Intelligence Tools, 2016, 25, 1640004.	0.7	1
49	Traffic Flow Classification Using Traffic Cameras. Lecture Notes in Computer Science, 2018, , 758-767.	1.0	1
50	Handling Missing Observations with an RNN-based Prediction-Update Cycle. Lecture Notes in Computer Science, 2021, , 311-321.	1.0	1
51	Map interface for geo-registering and monitoring distributed events. , 2010, , .		0
52	Center for Environmental Research & Technology (CE-CERT) [ITS Research Lab]. IEEE Intelligent Transportation Systems Magazine, 2013, 5, 163-166.	2.6	0
53	Vision-based pedestrian monitoring at intersections including behavior & crossing count. , 2016, , .		0
54	ITS Society Conferences [Conference Reports]. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 283-284.	2.6	0

#	ARTICLE	IF	CITATIONS
55	The 23rd IEEE International Conference on Intelligent Transportation Systems (Virtual) [Conference Reports]. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 250-255.	2.6	0
56	ITS Society Conferences [Conference Reports]. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 254-254.	2.6	0
57	Safety Quantification of Intersections Using Computer Vision Techniques. Lecture Notes in Computer Science, 2015, , 752-761.	1.0	0
58	ITS Society Membership News [Member Activities]. IEEE Intelligent Transportation Systems Magazine, 2020, 12, 166-166.	2.6	0
59	ITS Society Conferences [Conference Reports]. IEEE Intelligent Transportation Systems Magazine, 2020, 12, 167-167.	2.6	0
60	MySnapFoodLog: Culturally Sensitive Food Photo-Logging App for Dietary Biculturalism Studies. Lecture Notes in Computer Science, 2020, , 470-482.	1.0	0