Rohan Chandra

List of Publications by Year
in descending order

16 papers	556 citations	1307594 7 h-index	1720034 7 g-index
16 all docs	16 docs citations	16 times ranked	335 citing authors

#	Article	IF	Citations
1	Using Graph-Theoretic Machine Learning to Predict Human Driver Behavior. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2572-2585.	8.0	7
2	GamePlan: Game-Theoretic Multi-Agent Planning With Human Drivers at Intersections, Roundabouts, and Merging. IEEE Robotics and Automation Letters, 2022, 7, 2676-2683.	5.1	16
3	B-GAP: Behavior-Rich Simulation and Navigation for Autonomous Driving. IEEE Robotics and Automation Letters, 2022, 7, 4718-4725.	5.1	11
4	Game-Theoretic Planning for Autonomous Driving among Risk-Aware Human Drivers. , 2022, , .		2
5	GA-Nav: Efficient Terrain Segmentation for Robot Navigation in Unstructured Outdoor Environments. IEEE Robotics and Automation Letters, 2022, 7, 8138-8145.	5.1	32
6	SS-SFDA : Self-Supervised Source-Free Domain Adaptation for Road Segmentation in Hazardous Environments. , 2021, , .		13
7	GraphRQI: Classifying Driver Behaviors Using Graph Spectrums. , 2020, , .		5
8	EmotiCon: Context-Aware Multimodal Emotion Recognition Using Frege's Principle. , 2020, , .		89
9	STEP: Spatial Temporal Graph Convolutional Networks for Emotion Perception from Gaits. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1342-1350.	4.9	53
10	Forecasting Trajectory and Behavior of Road-Agents Using Spectral Clustering in Graph-LSTMs. IEEE Robotics and Automation Letters, 2020, 5, 4882-4890.	5.1	90
11	Take an Emotion Walk: Perceiving Emotions from Gaits Using Hierarchical Attention Pooling and Affective Mapping. Lecture Notes in Computer Science, 2020, , 145-163.	1.3	21
12	CMetric: A Driving Behavior Measure using Centrality Functions. , 2020, , .		18
13	PhasePack: A Phase Retrieval Library. , 2019, , .		10
14	TraPHic: Trajectory Prediction in Dense and Heterogeneous Traffic Using Weighted Interactions. , 2019, , .		144
15	DensePeds: Pedestrian Tracking in Dense Crowds Using Front-RVO and Sparse Features. , 2019, , .		12
16	RobustTP: End-to-End Trajectory Prediction for Heterogeneous Road-Agents in Dense Traffic with Noisy Sensor Inputs. , 2019, , .		33