

Naman Patel

List of Publications by Year in descending order

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11
papers

148
citations

1684188

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2053705

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g-index

11
all docs

11
docs citations

11
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensor modality fusion with CNNs for UGV autonomous driving in indoor environments. , 2017, , .		35
2	A deep learning gated architecture for UGV navigation robust to sensor failures. Robotics and Autonomous Systems, 2019, 116, 80-97.	5.1	21
3	Adversarial Learning-Based On-Line Anomaly Monitoring for Assured Autonomy. , 2018, , .		18
4	Emerging (un-)reliability based security threats and mitigations for embedded systems. , 2017, , .		17
5	Adaptive Adversarial Videos on Roadside Billboards: Dynamically Modifying Trajectories of Autonomous Vehicles. , 2019, , .		15
6	Towards a New Thermal Monitoring Based Framework for Embedded CPS Device Security. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 524-536.	5.4	15
7	Sliding-Window Temporal Attention Based Deep Learning System for Robust Sensor Modality Fusion for UGV Navigation. IEEE Robotics and Automation Letters, 2019, 4, 4216-4223.	5.1	9
8	Learning-Based Real-Time Process-Aware Anomaly Monitoring for Assured Autonomy. IEEE Transactions on Intelligent Vehicles, 2020, 5, 659-669.	12.7	7
9	Overriding Autonomous Driving Systems Using Adaptive Adversarial Billboards. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11386-11396.	8.0	5
10	Tightly Coupled Semantic RGB-D Inertial Odometry for Accurate Long-Term Localization and Mapping. , 2019, , .		4
11	Overriding Learning-based Perception Systems for Control of Autonomous Unmanned Aerial Vehicles. , 2021, , .		2