

# Bogdan Trasnea

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/559547/publications.pdf>

Version: 2024-02-01

11  
papers

845  
citations

1937685

4  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of deep learning techniques for autonomous driving. Journal of Field Robotics, 2020, 37, 362-386.	6.0	771
2	NeuroTrajectory: A Neuroevolutionary Approach to Local State Trajectory Learning for Autonomous Vehicles. IEEE Robotics and Automation Letters, 2019, 4, 3441-3448.	5.1	35
3	Cloud2Edge Elastic AI Framework for Prototyping and Deployment of AI Inference Engines in Autonomous Vehicles. Sensors, 2020, 20, 5450.	3.8	10
4	Deep Grid Net (DGN): A Deep Learning System for Real-Time Driving Context Understanding. , 2019, , .		8
5	GridSim: A Vehicle Kinematics Engine for Deep Neuroevolutionary Control in Autonomous Driving. , 2019, , .		6
6	ObserveNet Control: A Vision-Dynamics Learning Approach to Predictive Control in Autonomous Vehicles. IEEE Robotics and Automation Letters, 2021, 6, 6915-6922.	5.1	6
7	OctoPath: An OcTree-Based Self-Supervised Learning Approach to Local Trajectory Planning for Mobile Robots. Sensors, 2021, 21, 3606.	3.8	4
8	LVD-NMPC: A learning-based vision dynamics approach to nonlinear model predictive control for autonomous vehicles. International Journal of Advanced Robotic Systems, 2021, 18, 172988142110195.	2.1	3
9	A Multi-Platform Framework for Artificial Intelligence Engines in Automotive Systems. , 2018, , .		1
10	AIBA: An AI Model for Behavior Arbitration in Autonomous Driving. Lecture Notes in Computer Science, 2019, , 191-203.	1.3	1
11	Smartphone based mass traffic sign recognition for real-time navigation maps enhancement. , 2017, , .		0