

# Sorin Mihai Grigorescu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9461784/publications.pdf>

Version: 2024-02-01

10  
papers

848  
citations

1937685

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h-index

1720034

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g-index

10  
all docs

10  
docs citations

10  
times ranked

712  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	OctoPath: An OcTree-Based Self-Supervised Learning Approach to Local Trajectory Planning for Mobile Robots. Sensors, 2021, 21, 3606.	3.8	4
3	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
4	Vision dynamics-based learning control. , 2021, , 243-257.		1
5	A survey of deep learning techniques for autonomous driving. Journal of Field Robotics, 2020, 37, 362-386.	6.0	771
6	Cloud2Edge Elastic AI Framework for Prototyping and Deployment of AI Inference Engines in Autonomous Vehicles. Sensors, 2020, 20, 5450.	3.8	10
7	GFPNet: A Deep Network for Learning Shape Completion in Generic Fitted Primitives. IEEE Robotics and Automation Letters, 2020, 5, 4493-4500.	5.1	4
8	GridSim: A Vehicle Kinematics Engine for Deep Neuroevolutionary Control in Autonomous Driving. , 2019, , .		6
9	NeuroTrajectory: A Neuroevolutionary Approach to Local State Trajectory Learning for Autonomous Vehicles. IEEE Robotics and Automation Letters, 2019, 4, 3441-3448.	5.1	35
10	Deep Grid Net (DGN): A Deep Learning System for Real-Time Driving Context Understanding. , 2019, , .		8