

# Olivier Kermorgant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3001047/publications.pdf>

Version: 2024-02-01

13  
papers

205  
citations

1478505

6  
h-index

1720034

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g-index

13  
all docs

13  
docs citations

13  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	A magnetic climbing robot to perform autonomous welding in the shipbuilding industry. Robotics and Computer-Integrated Manufacturing, 2018, 53, 178-186.	9.9	71
2	Dealing With Constraints in Sensor-Based Robot Control. IEEE Transactions on Robotics, 2014, 30, 244-257.	10.3	43
3	Cooperative Multi-Robot Object Transportation System Based on Hierarchical Quadratic Programming. IEEE Robotics and Automation Letters, 2021, 6, 6466-6472.	5.1	27
4	Integrating Features Acceleration in Visual Predictive Control. IEEE Robotics and Automation Letters, 2020, 5, 5197-5204.	5.1	13
5	Vehicles Platooning in Urban Environment: Consensus-based Longitudinal Control with Limited Communications Capabilities. , 2018, , .		11
6	Platooning of Car-Like Vehicles in Urban Environments: An Observer-Based Approach Considering Actuator Dynamics and Time Delays. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5684-5696.	8.0	10
7	Complete Singularity Analysis for the Perspective-Four-Point Problem. International Journal of Computer Vision, 2021, 129, 1217-1237.	15.6	8
8	Laser-Based Control Law for Autonomous Parallel and Perpendicular Parking. , 2018, , .		6
9	A Comparison of Visual Servoing from Features Velocity and Acceleration Interaction Models. , 2019, , .		6
10	Platooning of Car-Like Vehicles in Urban Environments: Longitudinal Control Considering Actuator Dynamics, Time Delays, and Limited Communication Capabilities. IEEE Transactions on Control Systems Technology, 2021, 29, 2670-2677.	5.2	6
11	Vehicles Platooning in Urban Environments: Integrated Consensus-based Longitudinal Control with Gap Closure Maneuvering and Collision Avoidance Capabilities. , 2019, , .		4
12	Robust Range-Only Mapping via Sum-of-Squares Polynomials. IFAC-PapersOnLine, 2017, 50, 11491-11497.	0.9	0
13	Multisensor-Based Predictive Control for Autonomous Parking. IEEE Transactions on Robotics, 2022, 38, 835-851.	10.3	0