

# Xiao Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8413809/publications.pdf>

Version: 2024-02-01

10  
papers

94  
citations

1684188  
5  
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1474206  
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docs citations

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times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-form camera pose and plane parameters estimation for moments-based visual servoing of planar objects. <i>International Journal of Advanced Robotic Systems</i> , 2022, 19, 172988062210997.	2.1	1
2	Hand-eye Calibration of Dual Mechanical Arms of Explosive Ordnance Disposal Robot. <i>International Journal of Control, Automation and Systems</i> , 2022, 20, 2312-2325.	2.7	1
3	Design Hybrid Iterative Learning Controller for Directly Driving the Wheels of Mobile Platform against Uncertain Parameters and Initial Errors. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8181.	2.5	0
4	Optimizing Kinematic Modeling and Self-Collision Detection of a Mobile Manipulator Robot by Considering the Actual Physical Structure. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10591.	2.5	2
5	A Planning Method for Multi-Axis Point-to-Point Synchronization Based on Time Constraints. <i>IEEE Access</i> , 2020, 8, 85575-85604.	4.2	10
6	Model Predictive Control With Integral Compensation for Motion Control of Robot Manipulator in Joint and Task Spaces. <i>IEEE Access</i> , 2020, 8, 107063-107075.	4.2	17
7	Collision-Free Path Planning Method for Robots Based on an Improved Rapidly-Exploring Random Tree Algorithm. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1381.	2.5	45
8	Existence Conditions and General Solutions of Closed-form Inverse Kinematics for Revolute Serial Robots. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4365.	2.5	6
9	A General Approach Based on Newton's Method and Cyclic Coordinate Descent Method for Solving the Inverse Kinematics. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5461.	2.5	5
10	Conic Feature Based Simultaneous Localization and Mapping in Open Environment via 2D Lidar. <i>IEEE Access</i> , 2019, 7, 173703-173718.	4.2	7