

# Lim Yi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8616182/publications.pdf>

Version: 2024-02-01

10  
papers

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citations

1478505

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#	ARTICLE	IF	CITATIONS
1	An Output Feedback Based Robust Saturated Controller Design for Pavement Sweeping Self-Reconfigurable Robot. IEEE/ASME Transactions on Mechatronics, 2021, 26, 1236-1247.	5.8	31
2	Reconfiguration During Locomotion by Pavement Sweeping Robot With Feedback Control From Vision System. IEEE Access, 2020, 8, 113355-113370.	4.2	25
3	Deep Learning Based Pavement Inspection Using Self-Reconfigurable Robot. Sensors, 2021, 21, 2595.	3.8	23
4	Reconfigurable Robotic System Design With Application to Cleaning and Maintenance. Journal of Mechanical Design, Transactions of the ASME, 2022, 144, .	2.9	18
5	Locomotion with Pedestrian Aware from Perception Sensor by Pavement Sweeping Reconfigurable Robot. Sensors, 2021, 21, 1745.	3.8	13
6	Heat conduction combined grid-based optimization method for reconfigurable pavement sweeping robot path planning. Robotics and Autonomous Systems, 2022, 152, 104063.	5.1	13
7	Multi-sensor Fusion Incorporating Adaptive Transformation for Reconfigurable Pavement Sweeping Robot. , 2021, , .		8
8	Anti-collision Static Rotation Local Planner for Four Independent Steering Drive Self-reconfigurable Robot. , 2022, , .		5
9	False Ceiling Deterioration Detection and Mapping Using a Deep Learning Framework and the Teleoperated Reconfigurable "Falcon"™ Robot. Sensors, 2022, 22, 262.	3.8	4
10	Multisensor fusion in Reconfigurable Robots using Adaptive Transformation. , 2021, , .		1