

# Amir Salimi Lafmejani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1768684/publications.pdf>

Version: 2024-02-01

8  
papers

73  
citations

1937685  
4  
h-index

2272923  
4  
g-index

8  
all docs

8  
docs citations

8  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinematic Modeling and Trajectory Tracking Control of an Octopus-Inspired Hyper-Redundant Robot. IEEE Robotics and Automation Letters, 2020, 5, 3460-3467.	5.1	30
2	Adaptation of Gradient-Based Navigation Control for Holonomic Robots to Nonholonomic Robots. IEEE Robotics and Automation Letters, 2021, 6, 191-198.	5.1	15
3	Nonlinear MPC for collision-free and deadlock-free navigation of multiple nonholonomic mobile robots. Robotics and Autonomous Systems, 2021, 141, 103774.	5.1	15
4	Maneuverable gait selection for a novel fish-inspired robot using a CMA-ES-assisted workflow. Bioinspiration and Biomimetics, 2021, 16, 056017.	2.9	6
5	A Consensus Strategy for Decentralized Kinematic Control of Multi-Segment Soft Continuum Robots. , 2020, , .		3
6	Dynamic Modeling of a Hydrogel-based Continuum Robotic Arm with Experimental Validation. , 2020, , .		3
7	H $\infty$ -Optimal Tracking Controller for Three-Wheeled Omnidirectional Mobile Robots with Uncertain Dynamics. , 2020, , .		1
8	Compensating for Material Deformation in Foldable Robots via Deep Learning – A Case Study. , 2022, , .		0