

Moritz A Graule

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7765880/publications.pdf>

Version: 2024-02-01

12
papers

829
citations

1307366

7
h-index

1719901

7
g-index

13
all docs

13
docs citations

13
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Perching and takeoff of a robotic insect on overhangs using switchable electrostatic adhesion. Science, 2016, 352, 978-982.	6.0	297
2	Ultra-sensitive and resilient compliant strain gauges for soft machines. Nature, 2020, 587, 219-224.	13.7	279
3	Multi-segment soft robotic fingers enable robust precision grasping. International Journal of Robotics Research, 2020, 39, 1647-1667.	5.8	69
4	Shipboard design and fabrication of custom 3D-printed soft robotic manipulators for the investigation of delicate deep-sea organisms. PLoS ONE, 2018, 13, e0200386.	1.1	58
5	Novel high pressure hexagonal OsB2 by mechanochemistry. Journal of Solid State Chemistry, 2014, 215, 16-21.	1.4	31
6	Non-linear resonance modeling and system design improvements for underactuated flapping-wing vehicles. , 2016, , .		27
7	Soft Sensing Shirt for Shoulder Kinematics Estimation. , 2020, , .		24
8	A virus biosensor with single virus-particle sensitivity based on fluorescent vesicle labels and equilibrium fluctuation analysis. Biointerphases, 2013, 8, 4.	0.6	14
9	SoMo: Fast and Accurate Simulations of Continuum Robots in Complex Environments. , 2021, , .		13
10	SoMoGym: A Toolkit for Developing and Evaluating Controllers and Reinforcement Learning Algorithms for Soft Robots. IEEE Robotics and Automation Letters, 2022, 7, 4071-4078.	3.3	7
11	An Active Palm Enhances Dexterity of Soft Robotic In-Hand Manipulation. , 2021, , .		5
12	The Role of Digit Arrangement in Soft Robotic In-Hand Manipulation. , 2021, , .		5