

Giuseppe De Maria

List of Publications by Year in descending order

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12
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127
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Fingered In-Hand Object Handling Based on Force/Tactile Feedback. IEEE Transactions on Robotics, 2020, 36, 157-173.	10.3	36
2	Design and Calibration of a Force/Tactile Sensor for Dexterous Manipulation. Sensors, 2019, 19, 966.	3.8	30
3	Handover Control for Human-Robot and Robot-Robot Collaboration. Frontiers in Robotics and AI, 2021, 8, 672995.	3.2	26
4	A Multimodal Approach to Human Safety in Collaborative Robotic Workcells. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1202-1216.	5.2	21
5	Silicone-rubber-based tactile sensors for the measurement of normal and tangential components of the contact force. Journal of Applied Polymer Science, 2011, 122, 3757-3769.	2.6	20
6	Slipping Control Algorithms for Object Manipulation with Sensorized Parallel Grippers. , 2018, , .		19
7	Control of linear and rotational slippage based on six-axis force/tactile sensor. , 2017, , .		17
8	Can Robots Refill a Supermarket Shelf?: Motion Planning and Grasp Control. IEEE Robotics and Automation Magazine, 2021, 28, 61-73.	2.0	13
9	Modeling and slipping control of a planar slider. Automatica, 2020, 115, 108875.	5.0	12
10	A low-cost and flexible solution for one-shot cooperative robotic drilling of aeronautic stack materials. IFAC-PapersOnLine, 2017, 50, 4602-4609.	0.9	11
11	Control of Sliding Velocity in Robotic Object Pivoting Based on Tactile Sensing. IFAC-PapersOnLine, 2020, 53, 9950-9955.	0.9	4
12	Dual-Arm In-Hand Manipulation with Parallel Grippers Using Tactile Feedback. , 2021, , .		0