

Redwan Dahmouche

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanometer Precision With a Planar Parallel Continuum Robot. IEEE Robotics and Automation Letters, 2020, 5, 3806-3813.	5.1	27
2	Enhance In-Hand Dexterous Micromanipulation by Exploiting Adhesion Forces. IEEE Transactions on Robotics, 2018, 34, 113-125.	10.3	21
3	Experimental validation of in-hand planar orientation and translation in microscale. Intelligent Service Robotics, 2016, 9, 101-112.	2.6	14
4	Micrometer Positioning Accuracy With a Planar Parallel Continuum Robot. Frontiers in Robotics and AI, 2021, 8, 706070.	3.2	7
5	On the contribution of adhesion and friction in planning dexterous in-hand micromanipulation. Journal of Micro-Bio Robotics, 2017, 12, 33-44.	2.1	3
6	Turning an Articulated 3-PPSR Manipulator into a Parallel Continuum Robot. , 2021, , .		3
7	Kinematics, Design and Experimental Validation of a Novel Parallel Robot for Two-Fingered Dexterous Manipulation. , 2019, , .		2
8	Path Planning for 3-D In-Hand Manipulation of Micro-Objects Using Rotation Decomposition. Micromachines, 2021, 12, 986.	2.9	1