

Rajesh Kumar

List of Publications by Year in descending order

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10
papers

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2682572

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2550090

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8
citing authors

#	ARTICLE	IF	CITATIONS
1	Algorithmic Selection of Slidingâ€“Sticking Contacts in Robotic In-hand Manipulation. Journal of Mechanisms and Robotics, 2022, 14, .	2.2	0
2	Algorithmic Fingertip Repositioning for Enhanced In-Hand Manipulation of the Objects. Journal of Mechanisms and Robotics, 2022, 14, .	2.2	0
3	Algorithmic Selection of Preferred Grasp Poses Using Manipulability Ellipsoid Forms. Journal of Mechanisms and Robotics, 2022, 14, .	2.2	0
4	Flexure based gripper to grasp hollow objects by internal surface interaction. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 4085-4092.	2.1	2
5	Color invariant state estimator to predict the object trajectory and catch using dexterous multi-fingered delta robot architecture. Multimedia Tools and Applications, 2021, 80, 11865-11886.	3.9	3
6	Design and Development of a Mobile Platform Mimicking Skating With Continuous Contact. ASME Journal of Autonomous Vehicles and Systems, 2021, 1, .	0.7	0
7	Enhanced Dynamic Capability of Cable-Driven Parallel Manipulators by Reconfiguration. Robotica, 2021, 39, 2153-2171.	1.9	4
8	A Sliding-Mode Control Algorithm to Enhance In-Hand Motion Capabilities. Journal of Mechanisms and Robotics, 2021, 13, .	2.2	1
9	Design of Robotic Motion Platform Utilizing Continuous Contact Skating. Journal of Mechanisms and Robotics, 2021, 13, .	2.2	0
10	Screw theory based method to formulate local Jacobianâ€™ magnitude estimator contours for 6 DoF robots. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622096253.	2.1	2