

# Rajesh Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7758840/publications.pdf>

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10  
papers

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citations

2682572

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2550090

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docs citations

10  
times ranked

8  
citing authors

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