

Yaobin Tian

List of Publications by Year in descending order

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papers

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1307594

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41
citing authors

#	ARTICLE	IF	CITATIONS
1	Different manipulation mode analysis of a radial symmetrical hexapod robot with leg’s arm integration. <i>Frontiers of Mechanical Engineering</i> , 2022, 17, 1.	4.3	2
2	Multi-Loop Rover: A Kind of Modular Rolling Robot Constructed by Multi-Loop Linkages. <i>Journal of Mechanisms and Robotics</i> , 2021, 13, .	2.2	1
3	Design and locomotion analysis of two kinds of rolling expandable mobile linkages with a single degree of freedom. <i>Frontiers of Mechanical Engineering</i> , 2020, 15, 365-373.	4.3	6
4	Design and locomotion analysis of a novel modular rolling robot. <i>Mechanism and Machine Theory</i> , 2019, 133, 23-43.	4.5	19
5	A Novel Underactuated Tetrahedral Mobile Robot. <i>Journal of Mechanisms and Robotics</i> , 2018, 10, .	2.2	5
6	A reconfigurable multi-mode mobile parallel robot. <i>Mechanism and Machine Theory</i> , 2017, 111, 39-65.	4.5	39
7	An agile assistant robot integrating operation and rolling locomotion. <i>Industrial Robot</i> , 2017, 44, 114-126.	2.1	11
8	A novel rhombohedron rolling mechanism. <i>Mechanism and Machine Theory</i> , 2016, 105, 285-303.	4.5	10
9	Design and locomotion analysis of a novel deformable mobile robot with worm-like, self-crossing and rolling motion. <i>Robotica</i> , 2016, 34, 1961-1978.	1.9	7
10	A Rolling 8-Bar Linkage Mechanism. <i>Journal of Mechanisms and Robotics</i> , 2015, 7, .	2.2	12
11	Dynamic rolling analysis of triangular-bipyramid robot. <i>Robotica</i> , 2015, 33, 884-897.	1.9	13
12	Sliding’s crawling parallelogram mechanism. <i>Mechanism and Machine Theory</i> , 2014, 78, 201-228.	4.5	11
13	Design and Rolling Analysis of a Novel Deformable Polyhedron Robot. <i>International Journal of Advanced Robotic Systems</i> , 2014, 11, 175.	2.1	3