

Lingmin Xu

List of Publications by Year in descending order

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6
papers

66
citations

1937685
4
h-index

1872680
6
g-index

6
all docs

6
docs citations

6
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Modeling and Analysis of a 2PRU-UPR Parallel Robot Based on Screw Theory. IEEE Access, 2020, 8, 78868-78878.	4.2	18
2	Tex3: An 2R1T Parallel Manipulator with Minimum DOF of Joints and Fixed Linear Actuators. International Journal of Precision Engineering and Manufacturing, 2018, 19, 227-238.	2.2	15
3	Rotation-based finite elements: reference-configuration geometry and motion description. Acta Mechanica Sinica/Lixue Xuebao, 2021, 37, 105-126.	3.4	15
4	Design, analysis and optimization of Hex4, a new 2R1T overconstrained parallel manipulator with actuation redundancy. Robotica, 2019, 37, 358-377.	1.9	10
5	Dynamic modeling and performance evaluation of a 2UPR-PRU parallel kinematic machine based on screw theory. Journal of Mechanical Science and Technology, 2021, 35, 2369-2381.	1.5	6
6	A geometrically accurate deformable-body approach for the analysis of robotic and parallel-mechanism systems. Mechanics Based Design of Structures and Machines, 2020, , 1-21.	4.7	2