Mohui Jin

List of Publications by Year
in descending order

11 papers	164 citations	1478505 6 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	108 citing authors

#	Article	IF	Citations
1	A new topology optimization method for planar compliant parallel mechanisms. Mechanism and Machine Theory, 2016, 95, 42-58.	4.5	60
2	A CPRBM-based method for large-deflection analysis of contact-aided compliant mechanisms considering beam-to-beam contacts. Mechanism and Machine Theory, 2020, 145, 103700.	4.5	30
3	Large-Deflection Analysis of General Beams in Contact-Aided Compliant Mechanisms Using Chained Pseudo-Rigid-Body Model. Journal of Mechanisms and Robotics, 2020, 12, .	2.2	25
4	Jacobian-Based Topology Optimization Method Using an Improved Stiffness Evaluation. Journal of Mechanical Design, Transactions of the ASME, 2018, 140, .	2.9	16
5	A numerical method for static analysis of pseudo-rigid-body model of compliant mechanisms. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 3170-3177.	2.1	8
6	Spring-joint method for topology optimization of planar passive compliant mechanisms. Chinese Journal of Mechanical Engineering (English Edition), 2013, 26, 1063-1072.	3.7	6
7	Design and Experiment of Symmetrical Shape Deployable Arc Profiling Mechanism Based on Composite Multi-Cam Structure. Symmetry, 2019, 11, 958.	2.2	6
8	Design and Experiment of Banana De-Handing Device Based on Symmetrical Shape Deployable Mechanism. Symmetry, 2020, 12, 415.	2.2	4
9	Experimental Study on Clamping Safety Margin of a Banana Stem Gripper. IFAC-PapersOnLine, 2018, 51, 560-564.	0.9	3
10	Effects of Morphological and Anatomical Characteristics of Banana Crown Vascular Bundles on Cutting Mechanical Properties Using Multiple Imaging Methods. Agronomy, 2020, 10, 1199.	3.0	3
11	Design and Analysis of a Flexible Adaptive Supporting Device for Banana Harvest. Agronomy, 2022, 12, 593.	3.0	3