

Si Guoning

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10173252/publications.pdf>

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9
papers

56
citations

1937685

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1872680

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10
all docs

10
docs citations

10
times ranked

20
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking Multiple Zebrafish Larvae Using YOLOv5 and DeepSORT. , 2022, , .		4
2	Comparison of the Dynamic Performance of Planar 3-DOF Parallel Manipulators. Machines, 2022, 10, 233.	2.2	3
3	Theoretical thermal-mechanical modelling and experimental validation of a novel 3D three-fingered electrothermal microgripper. Precision Engineering, 2022, 77, 205-219.	3.4	0
4	Macro-to-micro positioning and auto focusing for fully automated single cell microinjection. Microsystem Technologies, 2021, 27, 11-21.	2.0	9
5	Design, Fabrication, and Testing of a Novel 3D 3-Fingered Electrothermal Microgripper with Multiple Degrees of Freedom. Micromachines, 2021, 12, 444.	2.9	10
6	Theoretical Thermal-Mechanical Modelling and Experimental Validation of a Three-Dimensional (3D) Electrothermal Microgripper with Three Fingers. Micromachines, 2021, 12, 1512.	2.9	3
7	Automated manipulation of zebrafish embryos using an electrothermal microgripper. Microsystem Technologies, 2020, 26, 1823-1834.	2.0	17
8	Design and Simulation of A Novel Three-Dimensional Multi-Degree-Of-Freedom Electrothermal Microgripper. , 2020, , .		1
9	Integrating Dynamics into Design and Motion Optimization of a 3-PRR Planar Parallel Manipulator with Discrete Time Transfer Matrix Method. Mathematical Problems in Engineering, 2020, 2020, 1-23.	1.1	9