

# Si Guoning

## List of Publications by Year in descending order

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

Version: 2024-02-01

9  
papers

56  
citations

1937685

4  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

20  
citing authors

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