

Liang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

146
citations

1478505

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1720034

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15
docs citations

15
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	A MEMS lens scanner based on serpentine electrothermal bimorph actuators for large axial tuning. Optics Express, 2020, 28, 23439.	3.4	11
2	A Novel Out-of-Plane Electrothermal Bistable Microactuator. , 2019, , .		1
3	An Electrothermal Cu/W Bimorph Tip-Tilt-Piston MEMS Mirror with High Reliability. Micromachines, 2019, 10, 323.	2.9	22
4	An Electrothermal Micromirror with J-shaped Bimorph Microactuators. , 2019, , .		0
5	A fiber scanner based on a robust Cu/W bimorph electrothermal MEMS stage. , 2019, , .		1
6	A Miniature Lens Scanner with an Electrothermally-Actuated Micro-Stage. , 2018, , .		1
7	Thermal Reliability Study of an Electrothermal MEMS Mirror. IEEE Transactions on Device and Materials Reliability, 2018, 18, 422-428.	2.0	8
8	Integrated Optoelectronic Position Sensor for Scanning Micromirrors. Sensors, 2018, 18, 982.	3.8	7
9	An ultra-fast electrothermal micromirror with bimorph actuators made of copper/tungsten. , 2017, , .		6
10	Characterization and reliability study of a MEMS mirror based on electrothermal bimorph actuation. , 2017, , .		2
11	A large range micro-XZ-stage with monolithic integration of electrothermal bimorph actuators and electrostatic comb drives. , 2016, , .		4
12	A wide-angle immersed MEMS mirror and its application in optical coherence tomography. , 2016, , .		4
13	A Self-Aligned 45°-Tilted Two-Axis Scanning Micromirror for Side-View Imaging. Journal of Microelectromechanical Systems, 2016, 25, 799-811.	2.5	6
14	Wide-angle structured light with a scanning MEMS mirror in liquid. Optics Express, 2016, 24, 3479.	3.4	37
15	A Fast, Large-Stroke Electrothermal MEMS Mirror Based on Cu/W Bimorph. Micromachines, 2015, 6, 1876-1889.	2.9	36