

Xiangyuan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

110
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of one-stepping characteristics of a stick-slip piezoelectric actuator under various initial gaps. <i>Sensors and Actuators A: Physical</i> , 2019, 295, 348-356.	4.1	36
2	A Dynamic Model of Stick-Slip Piezoelectric Actuators Considering the Deformation of Overall System. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 11266-11275.	7.9	33
3	A compact 2-DOF piezo-driven positioning stage designed by using the parasitic motion of flexure hinge mechanism. <i>Smart Materials and Structures</i> , 2020, 29, 015022.	3.5	19
4	Simultaneous damping and tracking control of a normal-stressed electromagnetic actuated nano-positioning stage. <i>Sensors and Actuators A: Physical</i> , 2022, 338, 113467.	4.1	6
5	Dual-Notch-Based Repetitive Control for Tracking Lissajous Scan Trajectories With Piezo-Actuated Nanoscanners. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-12.	4.7	6
6	Hysteresis Modeling and Compensation of Piezoelectric Actuators Using Gaussian Process with High-Dimensional Input. <i>Actuators</i> , 2022, 11, 115.	2.3	5
7	Study on the grinding characteristics of sapphire with the assistant of cerium oxide liquid. <i>Materials and Design</i> , 2022, 215, 110451.	7.0	4