

Jiwen Fang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

122
citations

1478280

6
h-index

1372474

10
g-index

17
all docs

17
docs citations

17
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy Adaptive Sliding Mode Control for the Precision Position of Piezo-Actuated Nano Positioning Stage. <i>International Journal of Precision Engineering and Manufacturing</i> , 2018, 19, 1447-1456.	1.1	25
2	Determination of Permeability and Inertial Coefficients of Sintered Metal Porous Media Using an Isothermal Chamber. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1670.	1.3	20
3	Active vibration isolation of macro-micro motion stage disturbances using a floating stator platform. <i>Journal of Sound and Vibration</i> , 2015, 354, 13-33.	2.1	12
4	Development of a Contactless Air Conveyor System for Transporting and Positioning Planar Objects. <i>Micromachines</i> , 2018, 9, 487.	1.4	12
5	A Compound Control Based on the Piezo-Actuated Stage with Bouc-Wen Model. <i>Micromachines</i> , 2019, 10, 861.	1.4	12
6	Design of a linear macro-micro actuation stage considering vibration isolation. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401558454.	0.8	11
7	Driving process and control analysis in macro-micro dual stage. , 2013, , .		5
8	Fuzzy adaptive multi-mode sliding mode control for precision linear stage based on floating stator. <i>Review of Scientific Instruments</i> , 2019, 90, 015103.	0.6	5
9	Error analysis of connection frame deformation considering magnetic force and thermal-structural coupling effects. , 2014, , .		4
10	Multi-objective optimization of flexure hinge mechanism considering thermal-mechanical coupling deformation and natural frequency. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401668791.	0.8	4
11	Fuzzy sliding mode control of piezo-driven stage. <i>Review of Scientific Instruments</i> , 2022, 93, 015011.	0.6	4
12	Multi-mode sliding mode control for precision linear stage based on fixed or floating stator. <i>Review of Scientific Instruments</i> , 2016, 87, 025115.	0.6	3
13	Numerical Analysis on Chaotic Vibration of Drive System for a Movable Tooth Piezoelectric Motor. <i>Shock and Vibration</i> , 2017, 2017, 1-17.	0.3	2
14	Position/force switching control based on velocity damping. , 2013, , .		1
15	Nonlinear Vibration of a Micro Piezoelectric Precision Drive System. <i>Micromachines</i> , 2019, 10, 159.	1.4	1
16	Estimation of deformation for a glass sheet on a noncontact air conveyor with film pressure feedback. <i>Measurement Science and Technology</i> , 2020, 31, 035301.	1.4	1
17	Error analysis of stiffness in double parallel four-bar mechanism. , 2013, , .		0