

Sicheng Yi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9
papers

77
citations

5
h-index

8
g-index

12
ext. papers

104
ext. citations

3.7
avg. IF

2.71
L-index

#	Paper	IF	Citations
9	Influences of transient impact and vibration on the lubrication performance of spur gears. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021 , 235, 274-289	1.4	1
8	Integrated design, fabrication, and experimental study of a parallel micro-nano positioning-vibration isolation stage. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020 , 66, 101988 ^{9.2}		8
7	Influences of impulse excitation and vibration on thermoelastohydrodynamic characteristics of spur gear drive. <i>Lubrication Science</i> , 2020 , 32, 292-308	1.3	
6	Microvibration isolation by adaptive feedforward control with asymmetric hysteresis compensation. <i>Mechanical Systems and Signal Processing</i> , 2019 , 114, 644-657	7.8	22
5	A new bi-directional giant magnetostrictive-driven compliant tensioning stage oriented for maintenance of the surface shape precision. <i>Mechanism and Machine Theory</i> , 2018 , 126, 359-376	4	3
4	Active control of acoustics-caused nano-vibration in atomic force microscope imaging. <i>Ultramicroscopy</i> , 2018 , 195, 101-110	3.1	5
3	Optimal design and experimental performances of an integrated linear actuator with large displacement and high resolution. <i>Microsystem Technologies</i> , 2017 , 23, 5051-5061	1.7	2
2	Optimal design and experimental analyses of a new micro-vibration control payload-platform. <i>Journal of Sound and Vibration</i> , 2016 , 374, 43-60	3.9	29
1	Non-linear modelling of multilayer piezoelectric actuators in non-trivial configurations based on actuator design parameters and piezoelectric material properties. <i>Journal of Intelligent Material Systems and Structures</i> , 2012 , 23, 875-884	2.3	6