

Hongrui Ao

List of Publications by Year in descending order

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16
papers

137
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1684188

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87
citing authors

#	ARTICLE	IF	CITATIONS
1	A Motion Capturing and Energy Harvesting Hybridized Lower Limb System for Rehabilitation and Sports Applications. <i>Advanced Science</i> , 2021, 8, e2101834.	11.2	72
2	Investigations on start-up performances of novel hybrid metal rubber-bump foil bearings. <i>Tribology International</i> , 2021, 154, 106751.	5.9	18
3	Static and dynamic bearing performances of hybrid gas dynamic bearings. <i>Tribology International</i> , 2021, 160, 107036.	5.9	10
4	Calculation of resonant sound absorption parameters for performance evaluation of metal rubber material. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 3587-3591.	0.9	9
5	Macro-Microstatic Stiffness Prediction Model of Metal Rubber. <i>Advanced Theory and Simulations</i> , 2021, 4, 2100008.	2.8	7
6	Experimental Research on Feature Extraction of Laser SLAM Based on Artificial Landmarks. , 2019, , .		5
7	Energy Harvesting Performance of Vertically Staggered Rectangle-Through-Holes Cantilever in Piezoelectric Vibration Energy Harvester. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	2.3	4
8	Piezoelectric Performance of a Symmetrical Ring-Shaped Piezoelectric Energy Harvester Using PZT-5H under a Temperature Gradient. <i>Micromachines</i> , 2020, 11, 640.	2.9	3
9	Transient output performance of symmetrical V-shaped micro-piezoelectric energy harvester by using PZT-5H. <i>Microsystem Technologies</i> , 2021, 27, 779-787.	2.0	3
10	Simulation of Head-Disk Interface and Ramp/Lift-Tab Interfaces During Load/Unload Process of Hard Disk Drive. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2010, 4, 23-31.	0.7	2
11	Design and Test of a Spoke-like Piezoelectric Energy Harvester. <i>Micromachines</i> , 2022, 13, 232.	2.9	2
12	HDI-12 THE ULTRA-THIN FILM LUBRICATION AT THE HEAD-DISK INTERFACE DURING LOAD/UNLOAD PROCESS OF HARD DISK DRIVES(Head/Disk Interface and Tribology III,Technical Program of Oral Presentations). <i>Proceedings of JSME-IIP/ASME-ISPS Joint Conference on Micromechatronics for Information and Precision Equipment IIP/ISPS Joint MIPE</i> , 2009, 2009, 123-124.	0.0	1
13	Analysis of Output Performance of a Novel Symmetrical T-Shaped Trapezoidal Micro Piezoelectric Energy Harvester Using a PZT-5H. <i>Micromachines</i> , 2022, 13, 282.	2.9	1
14	A symmetry electrode array for AC and traveling wave electroosmosis pumping. , 2008, , .		0
15	Numerical simulation of the dynamic characteristics of the ultra-thin gas flow at the head/disk interface of hard disk drives. , 2010, , .		0
16	Teaching Method Innovation in the Course of Metal Structure of Construction Machinery. , 2021, , .		0