

Min Wang

List of Publications by Year in descending order

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25
papers

533
citations

759233

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642732

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all docs

25
docs citations

25
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and analysis of a stiffness and damping regulator based on giant electrorheological fluid under multilayered squeeze mode. <i>Journal of Sound and Vibration</i> , 2022, 527, 116864.	3.9	4
2	Tunable negative stiffness spring using maxwell normal stress. <i>International Journal of Mechanical Sciences</i> , 2021, 193, 106127.	6.7	36
3	Shock Isolation Capability of an Electromagnetic Variable Stiffness Isolator With Bidirectional Stiffness Regulation. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 2038-2047.	5.8	8
4	Adaptive Deterministic Vibration Control of a Piezo-Actuated Active-Passive Isolation Structure. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3338.	2.5	6
5	Recent Advances towards Ocean Energy Harvesting and Self-Powered Applications Based on Triboelectric Nanogenerators. <i>Advanced Electronic Materials</i> , 2021, 7, 2100277.	5.1	58
6	Power Density Improvement of Piezoelectric Energy Harvesters via a Novel Hybridization Scheme with Electromagnetic Transduction. <i>Micromachines</i> , 2021, 12, 803.	2.9	14
7	Investigation of frequency-up conversion effect on the performance improvement of stack-based piezoelectric generators. <i>Renewable Energy</i> , 2021, 172, 551-563.	8.9	101
8	Harnessing energy from suspension systems of oceanic vehicles with high-performance piezoelectric generators. <i>Energy</i> , 2021, 228, 120523.	8.8	18
9	Design and Experimental Evaluation of a Multi-Mode Mobile Robot Based on Eccentric Paddle Mechanism. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 8607-8614.	5.1	0
10	Numerical modeling for viscoelastic sandwich smart structures bonded with piezoelectric materials. <i>Composite Structures</i> , 2021, 278, 114703.	5.8	5
11	Optimum design of an eddy current damper considering the magnetic congregation effect. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 115002.	2.8	11
12	High-Static-Low-Dynamic Stiffness Isolator With Tunable Electromagnetic Mechanism. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020, 25, 316-326.	5.8	49
13	Multi-AUVs Cooperative Target Search Based on Autonomous Cooperative Search Learning Algorithm. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 843.	2.6	15
14	Numerical Modeling of Particles Separation Method Based on Compound Electric Field. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5999.	2.5	2
15	A Novel Multilayer Conically Squeezed Giant Electrorheological Fluid Damper. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 782, 032042.	0.6	0
16	Design and experiment of bio-inspired GER fluid damper. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	5
17	A tunable quasi-zero stiffness isolator based on a linear electromagnetic spring. <i>Journal of Sound and Vibration</i> , 2020, 482, 115449.	3.9	60
18	Multi-USV System Cooperative Underwater Target Search Based on Reinforcement Learning and Probability Map. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Design, testing and modelling of a tuneable GER fluid damper under shear mode. Smart Materials and Structures, 2020, 29, 085011.	3.5	13
20	Harnessing energy from spring suspension systems with a compressive-mode high-power-density piezoelectric transducer. Energy Conversion and Management, 2020, 220, 113050.	9.2	34
21	Piezoelectric Energy Harvesting from Suspension Structures with Piezoelectric Layers. Sensors, 2020, 20, 3755.	3.8	4
22	A novel electromagnet-based absolute displacement sensor with approximately linear quasi-zero-stiffness. International Journal of Mechanical Sciences, 2020, 181, 105695.	6.7	22
23	An Adjustable Low-Frequency Vibration Isolation Stewart Platform Based On Electromagnetic Negative Stiffness. International Journal of Mechanical Sciences, 2020, 181, 105714.	6.7	47
24	Active Hybrid Control Algorithm with Sky-Hook Damping and Lead-Lag Phase Compensation for Multi-DOFs Ultra-Low Frequency Active Vibration Isolation System. Shock and Vibration, 2017, 2017, 1-18.	0.6	5
25	An Ultra-Low Frequency Two DOFs™ Vibration Isolator Using Positive and Negative Stiffness in Parallel. Mathematical Problems in Engineering, 2016, 2016, 1-15.	1.1	9