

Min Wang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

533
citations

759233

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642732

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docs citations

25
times ranked

291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | High-Static-Low-Dynamic Stiffness Isolator With Tunable Electromagnetic Mechanism. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020, 25, 316-326. | 5.8 | 49 |
| 5 | An Adjustable Low-Frequency Vibration Isolation Stewart Platform Based On Electromagnetic Negative Stiffness. <i>International Journal of Mechanical Sciences</i> , 2020, 181, 105714. | 6.7 | 47 |
| 6 | Tunable negative stiffness spring using maxwell normal stress. <i>International Journal of Mechanical Sciences</i> , 2021, 193, 106127. | 6.7 | 36 |
| 7 | Harnessing energy from spring suspension systems with a compressive-mode high-power-density piezoelectric transducer. <i>Energy Conversion and Management</i> , 2020, 220, 113050. | 9.2 | 34 |
| 8 | A novel electromagnet-based absolute displacement sensor with approximately linear quasi-zero-stiffness. <i>International Journal of Mechanical Sciences</i> , 2020, 181, 105695. | 6.7 | 22 |
| 9 | Harnessing energy from suspension systems of oceanic vehicles with high-performance piezoelectric generators. <i>Energy</i> , 2021, 228, 120523. | 8.8 | 18 |
| 10 | 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 |
| 11 | Power Density Improvement of Piezoelectric Energy Harvesters via a Novel Hybridization Scheme with Electromagnetic Transduction. <i>Micromachines</i> , 2021, 12, 803. | 2.9 | 14 |
| 12 | Design, testing and modelling of a tuneable GER fluid damper under shear mode. <i>Smart Materials and Structures</i> , 2020, 29, 085011. | 3.5 | 13 |
| 13 | 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 |
| 14 | An Ultra-Low Frequency Two DOFs™ Vibration Isolator Using Positive and Negative Stiffness in Parallel. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-15. | 1.1 | 9 |
| 15 | 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 |
| 16 | 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 |
| 17 | Adaptive Deterministic Vibration Control of a Piezo-Actuated Active-Passive Isolation Structure. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3338. | 2.5 | 6 |
| 18 | Active Hybrid Control Algorithm with Sky-Hook Damping and Lead-Lag Phase Compensation for Multi-DOFs Ultra-Low Frequency Active Vibration Isolation System. <i>Shock and Vibration</i> , 2017, 2017, 1-18. | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Design and experiment of bio-inspired GER fluid damper. <i>Science China Information Sciences</i> , 2020, 63, 1. | 4.3 | 5 |
| 20 | Numerical modeling for viscoelastic sandwich smart structures bonded with piezoelectric materials. <i>Composite Structures</i> , 2021, 278, 114703. | 5.8 | 5 |
| 21 | Piezoelectric Energy Harvesting from Suspension Structures with Piezoelectric Layers. <i>Sensors</i> , 2020, 20, 3755. | 3.8 | 4 |
| 22 | 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 |
| 23 | Numerical Modeling of Particles Separation Method Based on Compound Electric Field. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5999. | 2.5 | 2 |
| 24 | A Novel Multilayer Conically Squeezed Giant Electrorheological Fluid Damper. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 782, 032042. | 0.6 | 0 |
| 25 | 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 |