

Wei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

219
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

142
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Multi-pulse chaotic dynamics in non-planar motion of parametrically excited viscoelastic moving belt. <i>Journal of Sound and Vibration</i> , 2012, 331, 2624-2653. | 3.9 | 94 |
| 2 | Analysis on nonlinear stiffness and vibration isolation performance of scissor-like structure with full types. <i>Nonlinear Dynamics</i> , 2016, 86, 17-36. | 5.2 | 37 |
| 3 | Theoretical and experimental studies of global dynamics for a class of bistable nonlinear impact oscillators with bilateral rigid constraints. <i>International Journal of Non-Linear Mechanics</i> , 2021, 133, 103720. | 2.6 | 25 |
| 4 | The Melnikov method for detecting chaotic dynamics in a planar hybrid piecewise-smooth system with a switching manifold. <i>Nonlinear Dynamics</i> , 2017, 89, 939-953. | 5.2 | 18 |
| 5 | Suppressing homoclinic chaos for a weak periodically excited non-smooth oscillator. <i>Nonlinear Dynamics</i> , 2020, 99, 1621-1642. | 5.2 | 13 |
| 6 | Melnikov Method for a Class of Planar Hybrid Piecewise-Smooth Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650030. | 1.7 | 12 |
| 7 | A characteristic triangle method on input vectors of scissor lift mechanism and its applications in modeling and analysis. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2015, 9, JAMDSM0042-JAMDSM0042. | 0.7 | 9 |
| 8 | Melnikov-type method for a class of hybrid piecewise-smooth systems with impulsive effect and noise excitation: Homoclinic orbits. <i>Chaos</i> , 2022, 32, . | 2.5 | 5 |
| 9 | A new method of single celestial-body sun positioning based on theory of mechanisms. <i>Chinese Journal of Aeronautics</i> , 2016, 29, 248-256. | 5.3 | 3 |
| 10 | A theoretical model for functionally graded shape memory alloy cylinders subjected to internal pressure. <i>Journal of Materials Research</i> , 2017, 32, 1397-1406. | 2.6 | 2 |
| 11 | Experimental Study of Scissor-like-structure Vibration Isolator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 926, 012001. | 0.6 | 1 |
| 12 | An Improved Structural Analysis Method for Isolator with Quasi-Zero-Stiffness Characteristic. <i>Shock and Vibration</i> , 2021, 2021, 1-13. | 0.6 | 0 |