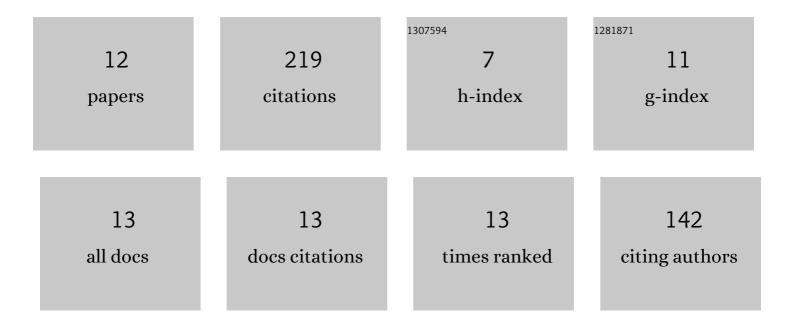
## Wei Zhang

List of Publications by Year in descending order

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Μει Ζηλνιά

#	Article	IF	CITATIONS
1	Multi-pulse chaotic dynamics in non-planar motion of parametrically excited viscoelastic moving belt. Journal of Sound and Vibration, 2012, 331, 2624-2653.	3.9	94
2	Analysis on nonlinear stiffness and vibration isolation performance of scissor-like structure with full types. Nonlinear Dynamics, 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. International Journal of Non-Linear Mechanics, 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. Nonlinear Dynamics, 2017, 89, 939-953.	5.2	18
5	Suppressing homoclinic chaos for a weak periodically excited non-smooth oscillator. Nonlinear Dynamics, 2020, 99, 1621-1642.	5.2	13
6	Melnikov Method for a Class of Planar Hybrid Piecewise-Smooth Systems. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 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. Journal of Advanced Mechanical Design, Systems and Manufacturing, 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. Chaos, 2022, 32, .	2.5	5
9	A new method of single celestial-body sun positioning based on theory of mechanisms. Chinese Journal of Aeronautics, 2016, 29, 248-256.	5.3	3
10	A theoretical model for functionally graded shape memory alloy cylinders subjected to internal pressure. Journal of Materials Research, 2017, 32, 1397-1406.	2.6	2
11	Experimental Study of Scissor-like-structure Vibration Isolator. IOP Conference Series: Materials Science and Engineering, 2020, 926, 012001.	0.6	1
12	An Improved Structural Analysis Method for Isolator with Quasi-Zero-Stiffness Characteristic. Shock and Vibration, 2021, 2021, 1-13.	0.6	0