Yan Zhao

List of Publications by Year
in descending order

		1163117	940533
17	277	8	16
papers	citations	h-index	g-index

17	17	17	221
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stochastic model updating for assembled structures with bolted joints using a Bayesian method. Engineering Optimization, 2022, 54, 1919-1937.	2.6	2
2	A hybrid method for analysing stationary random vibration of structures with uncertain parameters. Mechanical Systems and Signal Processing, 2022, 164, 108259.	8.0	10
3	Symplectic Framework-Based New Analytic Solutions for Thermal Buckling of Temperature-Dependent Moderately Thick Functionally Graded Rectangular Plates. International Journal of Structural Stability and Dynamics, 2022, 22, .	2.4	8
4	Power spectral density analysis for nonlinear systems based on Volterra series. Applied Mathematics and Mechanics (English Edition), 2021, 42, 1743-1758.	3.6	1
5	Bayesian identification of bolted-joint parameters using measured power spectral density. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2020, 234, 260-274.	0.7	0
6	Experimental study on dynamic interaction between pipe and rollers in deep S-lay. Ocean Engineering, 2019, 175, 188-196.	4.3	8
7	Symplectic Approach on the Wave Propagation Problem for Periodic Structures with Uncertainty. Acta Mechanica Solida Sinica, 2019, 32, 287-297.	1.9	3
8	Nonstationary seismic response analysis of long-span structures by frequency domain method considering wave passage effect. Soil Dynamics and Earthquake Engineering, 2018, 109, 1-9.	3.8	8
9	Random vibration analysis for coupled vehicle-track systems with uncertain parameters. Engineering Computations, 2016, 33, .	1.4	6
10	Numerical Analysis of Thermoacoustic Characteristics of Components inside a Complex Aircraft Related to the Coupling Effect of High Temperature and Random Vibration. Journal of Low Frequency Noise Vibration and Active Control, 2015, 34, 119-135.	2.9	4
11	Dynamic loading history and collapse analysis of the pipe during deepwater S-lay operation. Marine Structures, 2015, 40, 183-192.	3.8	23
12	Identification of the power spectral density of vertical track irregularities based on inverse pseudo-excitation method and symplectic mathematical method. Inverse Problems in Science and Engineering, 2014, 22, 334-350.	1.2	4
13	Non-stationary random vibration of a coupled vehicleâ€“slab track system using a parallel algorithm based on the pseudo excitation method. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2013, 227, 203-216.	2.0	22
14	A general symplectic method for the response analysis of infinitely periodic structures subjected to random excitations. Latin American Journal of Solids and Structures, 2012, 9, 1-11.	1.0	2
15	Symplectic random vibration analysis of a vehicle moving on an infinitely long periodic track. Journal of Sound and Vibration, 2010, 329, 4440-4454.	3.9	35
16	Robust H â^ž control for aseismic structures with uncertainties in model parameters. Earthquake Engineering and Engineering Vibration, 2007, 6, 409-416.	2.3	14
17	Accurate and highly efficient algorithms for structural stationary/non-stationary random responses. Computer Methods in Applied Mechanics and Engineering, 2001, 191, 103-111.	6.6	127