

C S Manohar

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

531
citations

932766

10
h-index

887659

17
g-index

21
all docs

21
docs citations

21
times ranked

197
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in Structural Dynamics With Stochastic Parameter Variations: 1987-1998. Applied Mechanics Reviews, 1999, 52, 177-197.	4.5	124
2	Dynamic analysis of framed structures with statistical uncertainties. International Journal for Numerical Methods in Engineering, 1999, 44, 1157-1178.	1.5	71
3	Investigations into critical earthquake load models within deterministic and probabilistic frameworks. Earthquake Engineering and Structural Dynamics, 2002, 31, 813-832.	2.5	60
4	Nonstationary Random Critical Seismic Excitations. Journal of Engineering Mechanics - ASCE, 1987, 113, 529-541.	1.6	59
5	Critical earthquake input power spectral density function models for engineering structures. Earthquake Engineering and Structural Dynamics, 1995, 24, 1549-1566.	2.5	50
6	Transient Dynamics of Stochastically Parametered Beams. Journal of Engineering Mechanics - ASCE, 2000, 126, 1131-1140.	1.6	40
7	Monte Carlo filters for identification of nonlinear structural dynamical systems. Sadhana - Academy Proceedings in Engineering Sciences, 2006, 31, 399-427.	0.8	35
8	CRITICAL CROSS POWER SPECTRAL DENSITY FUNCTIONS AND THE HIGHEST RESPONSE OF MULTI-SUPPORTED STRUCTURES SUBJECTED TO MULTI-COMPONENT EARTHQUAKE EXCITATIONS. Earthquake Engineering and Structural Dynamics, 1996, 25, 303-315.	2.5	20
9	Multivariate Extreme Value Distributions for Random Vibration Applications. Journal of Engineering Mechanics - ASCE, 2005, 131, 712-720.	1.6	19
10	Dynamic stiffness matrix of a general cable element. Archive of Applied Mechanics, 1996, 66, 315-325.	1.2	14
11	Random vibration testing with controlled samples. Structural Control and Health Monitoring, 2014, 21, 1269-1283.	1.9	10
12	Methods of nonlinear random vibration analysis. Sadhana - Academy Proceedings in Engineering Sciences, 1995, 20, 345-371.	0.8	8
13	Particle filters for structural system identification using multiple test and sensor data: A combined computational and experimental study. Structural Control and Health Monitoring, 2010, 18, n/a-n/a.	1.9	5
14	Girsanov Transformationâ€‘Based Reliability Modeling and Testing of Actively Controlled Structures. Journal of Engineering Mechanics - ASCE, 2015, 141, 04014168.	1.6	5
15	Time variant reliability estimation of randomly excited uncertain dynamical systems by combined Markov chain splitting and Girsanovâ€™s transformation. Archive of Applied Mechanics, 2020, 90, 2363-2377.	1.2	3
16	Van der Polâ€™s Oscillator Under Combined Periodic and Random Excitations. , 1988, , 69-85.		3
17	Estimation of time-variant system reliability of nonlinear randomly excited systems based on the Girsanov transformation with state-dependent controls. Nonlinear Dynamics, 2019, 95, 1693-1711.	2.7	2
18	Narrowband random excitation of a limit cycle system. Archive of Applied Mechanics, 1991, 61, 133-141.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Reliability Estimation and Analysis for Dynamical Systems. , 2015, , 2138-2152.		1
20	Nonlinear Dynamics of Beams with Stochastic Parameter Variations. Solid Mechanics and Its Applications, 2001, , 133-145.	0.1	0
21	Reliability Estimation and Analysis for Dynamical Systems. , 2014, , 1-16.		0