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List of Publications by Year
in descending order

22 papers	490 citations	623734 14 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	172 citing authors

#	Article	IF	Citations
1	1:2 and 1:3 internal resonance active absorber for non-linear vibrating system. Applied Mathematical Modelling, 2012, 36, 310-332.	4.2	60
2	Stability and response of a nonlinear coupled pitch-roll ship model under parametric and harmonic excitations. Nonlinear Dynamics, 2011, 64, 207-220.	5.2	53
3	Vibration reduction of a three DOF non-linear spring pendulum. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 465-488.	3.3	48
4	Stability study and control of helicopter blade flapping vibrations. Applied Mathematical Modelling, 2011, 35, 2820-2837.	4.2	32
5	On the nonlinear dynamics of constant stiffness coefficients 16-pole rotor active magnetic bearings system. European Journal of Mechanics, A/Solids, 2020, 84, 104051.	3.7	28
6	Stability and bifurcation analysis of a buckled beam via active control. Applied Mathematical Modelling, 2020, 82, 649-665.	4.2	27
7	A Comparison between Active and Passive Vibration Control of Non-Linear Simple Pendulum. Part II: Longitudinal Tuned Absorber and Negative G̈† and G̈†n Feedback. Mathematical and Computational Applications, 2006, 11, 151-162.	1.3	26
8	A Comparison between Active and Passive Vibration Control of Non-Linear Simple Pendulum. Part I: Transversally Tuned Absorber and Negative G̈†n Feedback. Mathematical and Computational Applications, 2006, 11, 137-149.	1.3	25
9	Stability and primary simultaneous resonance of harmonically excited non-linear spring pendulum system. Applied Mathematics and Computation, 2003, 145, 421-442.	2.2	23
10	Nonlinear study of the dynamic behavior of a string-beam coupled system under combined excitations. Acta Mechanica Sinica/Lixue Xuebao, 2011, 27, 1034-1051.	3.4	21
11	Nonlinear modified positive position feedback control of cantilever beam system carrying an intermediate lumped mass. AEJ - Alexandria Engineering Journal, 2020, 59, 3847-3862.	6.4	20
12	Second-order approximation of angle-ply composite laminated thin plate under combined excitations. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 5201-5216.	3.3	18
13	Nonlinear stability analysis of a composite laminated piezoelectric rectangular plate withÂmulti-parametricÂandÂexternal excitations. International Journal of Dynamics and Control, 2014, 2, 494-508.	2.5	18
14	Vibration suppression in a twin-tail system to parametric and external excitations. Computers and Mathematics With Applications, 2009, 58, 1947-1964.	2.7	17
15	Nonlinear vibrations control of a contact-mode AFM model via a time-delayed positive position feedback. AEJ - Alexandria Engineering Journal, 2021, 60, 963-977.	6.4	17
16	Vibration, Stability, and Resonance of Angle-Ply Composite Laminated Rectangular Thin Plate under Multiexcitations. Mathematical Problems in Engineering, 2013, 2013, 1-26.	1.1	14
17	Stability analysis of a composite laminated piezoelectric plate subjected to combined excitations. Nonlinear Dynamics, 2016, 86, 1359-1379.	5.2	10
18	Non-linear time delay saturation controller for reduction of a non-linear vibrating system via 1:4 internal resonance. Journal of Vibroengineering, 2016, 18, 2515-2536.	1.0	9

#	ARTICLE	IF	CITATIONS
19	A Proportional Derivative (PD) Controller for Suppression the Vibrations of a Contact-Mode AFM Model. IEEE Access, 2020, 8, 214061-214070.	4.2	8
20	On the oscillatory behaviours and rub-impact forces of a horizontally supported asymmetric rotor system under position-velocity feedback controller. Latin American Journal of Solids and Structures, 2021, 18, .	1.0	8
21	Bifurcation analysis of a composite cantilever beam via 1:3 internal resonance. Journal of the Egyptian Mathematical Society, 2020, 28, .	1.2	4
22	Non-Linear Interactions of Jeffcott-Rotor System Controlled by a Radial PD-Control Algorithm and Eight-Pole Magnetic Bearings Actuator. Applied Sciences (Switzerland), 2022, 12, 6688.	2.5	4