Mohammad Kalami Yazdi

List of Publications by Year
in descending order

		840776	888059
17 papers	444 citations	11 h-index	17 g-index
17 all docs	17 docs citations	17 times ranked	186 citing authors

#	Article	IF	Citations
1	An accurate relationship between frequency and amplitude to nonlinear oscillations. Journal of Taibah University for Science, 2018, 12, 532-535.	2.5	8
2	Rational variational approaches to strong nonlinear oscillations. International Journal of Applied and Computational Mathematics, 2017, 3, 757-771.	1.6	6
3	Frequency analysis of nonlinear oscillations via the global error minimization. Nonlinear Engineering, 2016, .	2.7	3
4	The energy balance to nonlinear oscillations via Jacobi collocation method. AEJ - Alexandria Engineering Journal, 2015, 54, 99-103.	6.4	7
5	Nonlinear dynamics of a particle on a rotating parabola via the analytic and semi-analytic approaches. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2013, 13, 38-43.	1.0	4
6	Dynamic Analysis of Generalized Conservative Nonlinear Oscillators Via Frequency Amplitude Formulation. Arabian Journal for Science and Engineering, 2013, 38, 175-179.	1.1	22
7	Dynamic Analysis of Vibrating Systems with Nonlinearities. Communications in Theoretical Physics, 2012, 57, 183-187.	2.5	33
8	A relationship between three analytical approaches to nonlinear problems. Applied Mathematics Letters, 2012, 25, 1729-1733.	2.7	28
9	Analytical approximations to the solutions for a generalized oscillator with strong nonlinear terms. Journal of Engineering Mathematics, 2012, 77, 211-223.	1.2	35
10	Analytical approximate solutions for the generalized nonlinear oscillator. Applicable Analysis, 2012, 91, 965-977.	1.3	28
11	Vibration of a two-mass system with non-integer order nonlinear connection. Mechanics Research Communications, 2012, 43, 22-28.	1.8	28
12	Corrigendum to "Analysis of nonlinear oscillations of a punctual charge in the electric field of a charged ring via a Hamiltonian approach and the energy balance method"[Computers & Mathematics with Applications 62 (2011) 486–490]. Computers and Mathematics With Applications, 2011, 62, 2681-2682.	2.7	3
13	Approximate periodic solutions for the Helmholtz–Duffing equation. Computers and Mathematics With Applications, 2011, 62, 3894-3901.	2.7	39
14	Analysis of nonlinear oscillations of a punctual charge in the electric field of a charged ring via a Hamiltonian approach and the energy balance method. Computers and Mathematics With Applications, 2011, 62, 486-490.	2.7	35
15	Higher order approximate periodic solutions for nonlinear oscillators with the Hamiltonian approach. Applied Mathematics Letters, 2011, 24, 2042-2051.	2.7	35
16	Frequency analysis of strongly nonlinear generalized Duffing oscillators using He's frequency–amplitude formulation and He's energy balance method. Computers and Mathematics With Applications, 2010, 59, 3222-3228.	2.7	111
17	Nonlinear Vibration Analysis of a Rigid Rod on a Circular Surface via Hamiltonian Approach. Mathematical and Computational Applications, 2010, 15, 974-977.	1.3	19