

Mohammad Kalami Yazdi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4825498/publications.pdf>

Version: 2024-02-01

17
papers

444
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

186
citing authors

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