

Vladimir Stojanovic

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

365
citations

840776

11
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Forced transverse vibration of Rayleigh and Timoshenko double-beam system with effect of compressive axial load. <i>International Journal of Mechanical Sciences</i> , 2012, 60, 59-71.	6.7	62
2	Exact closed-form solutions for the natural frequencies and stability of elastically connected multiple beam system using Timoshenko and high-order shear deformation theory. <i>Journal of Sound and Vibration</i> , 2013, 332, 563-576.	3.9	50
3	Effect of rotary inertia and shear on vibration and buckling of a double beam system under compressive axial loading. <i>Archive of Applied Mechanics</i> , 2011, 81, 1993-2005.	2.2	36
4	Nonlocal forced vibrations of rotating cantilever nano-beams. <i>European Journal of Mechanics, A/Solids</i> , 2020, 79, 103850.	3.7	25
5	Geometrically nonlinear vibrations of beams supported by a nonlinear elastic foundation with variable discontinuity. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 28, 66-80.	3.3	19
6	Nonlinear dynamic analysis of damaged Reddy's Bickford beams supported on an elastic Pasternak foundation. <i>Journal of Sound and Vibration</i> , 2016, 385, 239-266.	3.9	19
7	Nonlinear vibrations of a coupled beam-arch bridge system. <i>Journal of Sound and Vibration</i> , 2020, 464, 115000.	3.9	19
8	Dynamic instability and critical velocity of a mass moving uniformly along a stabilized infinity beam. <i>International Journal of Solids and Structures</i> , 2017, 108, 164-174.	2.7	18
9	Instability of vehicle systems moving along an infinite beam on a viscoelastic foundation. <i>European Journal of Mechanics, A/Solids</i> , 2018, 69, 238-254.	3.7	15
10	Stability of vibrations of a moving railway vehicle along an infinite complex three-part viscoelastic beam/foundation system. <i>International Journal of Mechanical Sciences</i> , 2018, 136, 155-168.	6.7	15
11	Non-linear vibration of Timoshenko damaged beams by a new p-version finite element method. <i>Computers and Structures</i> , 2013, 120, 107-119.	4.4	14
12	Stability and vibrations of an overcritical speed moving multiple discrete oscillators along an infinite continuous structure. <i>European Journal of Mechanics, A/Solids</i> , 2019, 75, 367-380.	3.7	13
13	Moment Lyapunov Exponents and Stochastic Stability of a Three-Dimensional System on Elastic Foundation Using a Perturbation Approach. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2013, 80, .	2.2	11
14	Vibrations and stability analysis of multiple rectangular plates coupled with elastic layers based on different plate theories. <i>International Journal of Mechanical Sciences</i> , 2015, 92, 233-244.	6.7	9
15	Buckling instabilities of elastically connected Timoshenko beams on an elastic layer subjected to axial forces. <i>Journal of Mechanics of Materials and Structures</i> , 2012, 7, 363-374.	0.6	8
16	Dynamic stability of vibrations and critical velocity of a complex bogie system moving on a flexibly supported infinity track. <i>Journal of Sound and Vibration</i> , 2018, 434, 475-501.	3.9	7
17	Stability of parametric vibrations of an isolated symmetric cross-ply laminated plate. <i>Composites Part B: Engineering</i> , 2019, 167, 631-642.	12.0	6
18	Stochastic stability of a thick beams using contact transformation method. <i>Probabilistic Engineering Mechanics</i> , 2013, 34, 110-113.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Effects of Axial Compression Forces, Rotary Inertia and Shear on Forced Vibrations of the System of Two Elastically Connected Beams. Springer Tracts in Mechanical Engineering, 2015, , 51-79.	0.3	0
20	The Effects of Rotary Inertia and Transverse Shear on the Vibration and Stability of the Elastically Connected Timoshenko Beam-System on Elastic Foundation. Springer Tracts in Mechanical Engineering, 2015, , 103-114.	0.3	0