Vladimir Stojanovic

List of Publications by Year
in descending order

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

#	Article	IF	Citations
19	Buckling instabilities of elastically connected Timoshenko beams on an elastic layer subjected to axial forces. Journal of Mechanics of Materials and Structures, 2012, 7, 363-374.	0.6	8
20	Effect of rotary inertia and shear on vibration and buckling of a double beam system under compressive axial loading. Archive of Applied Mechanics, 2011, 81, 1993-2005.	2.2	36