

Danilo Z KarliÄiÄ

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Parametric Amplification in a Stochastic Nonlinear Piezoelectric Energy Harvester Via Machine Learning. Conference Proceedings of the Society for Experimental Mechanics, 2022, , 283-291.	0.3	2
2	Nonlinear vibration of a nonlocal functionally graded beam on fractional visco-Pasternak foundation. Nonlinear Dynamics, 2022, 107, 2003-2026.	2.7	7
3	Dual-mass electromagnetic energy harvesting from galloping oscillations and base excitation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 4768-4783.	1.1	5
4	Wave propagation in mass embedded and pre-stressed hexagonal lattices. Composite Structures, 2021, 256, 113087.	3.1	13
5	Periodic response of a nonlinear axially moving beam with a nonlinear energy sink and piezoelectric attachment. International Journal of Mechanical Sciences, 2021, 195, 106230.	3.6	28
6	Gaussian process assisted stochastic dynamic analysis with applications to near-periodic structures. Mechanical Systems and Signal Processing, 2021, 149, 107218.	4.4	10
7	Bloch waves in an array of elastically connected periodic slender structures. Mechanical Systems and Signal Processing, 2021, 155, 107591.	4.4	6
8	Wave propagation in randomly parameterized 2D lattices via machine learning. Composite Structures, 2021, 275, 114386.	3.1	7
9	Free transverse vibration analysis of a Rayleigh double-beam system with a Keer middle layer subjected to compressive axial load. Scientific Technical Review, 2021, 71, 36-40.	0.3	1
10	Dynamics of fractional-order multi-beam mass system excited by base motion. Applied Mathematical Modelling, 2020, 80, 702-723.	2.2	9
11	Nonlinear energy harvester with coupled Duffing oscillators. Communications in Nonlinear Science and Numerical Simulation, 2020, 91, 105394.	1.7	14
12	Nonlinear superharmonic resonance analysis of a nonlocal beam on a fractional visco-Pasternak foundation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, , 095440622093632.	1.1	3
13	Parametrically amplified Mathieu-Duffing nonlinear energy harvesters. Journal of Sound and Vibration, 2020, 488, 115677.	2.1	18
14	A fractional calculus approach to metadamping in phononic crystals and acoustic metamaterials. Theoretical and Applied Mechanics, 2020, 47, 81-97.	0.1	6
15	A novel approach for vibration analysis of fractional viscoelastic beams with attached masses and base excitation. Journal of Sound and Vibration, 2019, 463, 114955.	2.1	22
16	Nonlocal axial vibration of the multiple Bishop nanorod system. Mathematics and Mechanics of Solids, 2019, 24, 1668-1691.	1.5	18
17	Stochastic stability of a magnetically affected single-layer graphene sheet resting on a viscoelastic foundation. European Journal of Mechanics, A/Solids, 2018, 72, 66-78.	2.1	8
18	Dynamic stability of a nonlinear multiple-nanobeam system. Nonlinear Dynamics, 2018, 93, 1495-1517.	2.7	19

#	ARTICLE	IF	CITATIONS
19	Fractional-order model for the vibration of a nanobeam influenced by an axial magnetic field and attached nanoparticles. <i>Acta Mechanica</i> , 2018, 229, 4791-4815.	1.1	14
20	Damped vibration of a nonlocal nanobeam resting on viscoelastic foundation: fractional derivative model with two retardation times and fractional parameters. <i>Meccanica</i> , 2017, 52, 363-382.	1.2	21
21	Vibrating nonlocal multi-nanoplate system under inplane magnetic field. <i>European Journal of Mechanics, A/Solids</i> , 2017, 64, 29-45.	2.1	35
22	Forced transverse vibrations of an elastically connected nonlocal orthotropic double-nanoplate system subjected to an in-plane magnetic field. <i>Acta Mechanica</i> , 2017, 228, 2165-2185.	1.1	28
23	Dynamic stability of single-walled carbon nanotube embedded in a viscoelastic medium under the influence of the axially harmonic load. <i>Composite Structures</i> , 2017, 162, 227-243.	3.1	35
24	Multi-mode active vibration control of a nanobeam using a non-square MIMO PID controller. , 2017, , .		1
25	THERMAL EFFECT ON FREE VIBRATION AND BUCKLING OF A DOUBLE-MICROBEAM SYSTEM. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2017, 15, 45.	2.3	2
26	Nonlocal forced vibration of a double single-walled carbon nanotube system under the influence of an axial magnetic field. <i>Journal of Mechanics of Materials and Structures</i> , 2016, 11, 279-307.	0.4	17
27	Stochastic stability of multi-nanobeam systems. <i>International Journal of Engineering Science</i> , 2016, 109, 88-105.	2.7	17
28	Nonlocal vibration and stability of a multiple-nanobeam system coupled by the Winkler elastic medium. <i>Applied Mathematical Modelling</i> , 2016, 40, 1599-1614.	2.2	38
29	BENDING VIBRATION AND STABILITY OF A MULTIPLE-NANOBEAM SYSTEM INFLUENCED BY TEMPERATURE CHANGE. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2016, 14, 75.	2.3	7
30	Thermal and magnetic effects on the vibration of a cracked nanobeam embedded in an elastic medium. <i>Journal of Mechanics of Materials and Structures</i> , 2015, 10, 43-62.	0.4	20
31	Temperature effects on the vibration and stability behavior of multi-layered graphene sheets embedded in an elastic medium. <i>Composite Structures</i> , 2015, 131, 672-681.	3.1	23
32	Nonlocal effects on the longitudinal vibration of a complex multi-nanorod system subjected to the transverse magnetic field. <i>Meccanica</i> , 2015, 50, 1605-1621.	1.2	22
33	Dynamic stability of nonlocal Voigt-Kelvin viscoelastic Rayleigh beams. <i>Applied Mathematical Modelling</i> , 2015, 39, 6941-6950.	2.2	23
34	Vibration insight of a nonlocal viscoelastic coupled multi-nanorod system. <i>European Journal of Mechanics, A/Solids</i> , 2015, 54, 132-145.	2.1	18
35	Nonlocal mass-nanosensor model based on the damped vibration of single-layer graphene sheet influenced by in-plane magnetic field. <i>International Journal of Mechanical Sciences</i> , 2015, 96-97, 132-142.	3.6	65
36	Nonlocal longitudinal vibration of viscoelastic coupled double-nanorod systems. <i>European Journal of Mechanics, A/Solids</i> , 2015, 49, 183-196.	2.1	56

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37	Nonlocal vibration of a fractional order viscoelastic nanobeam with attached nanoparticle. <i>Theoretical and Applied Mechanics</i> , 2015, 42, 167-190.	0.1	41
38	Dynamics of multiple viscoelastic carbon nanotube based nanocomposites with axial magnetic field. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	38
39	The flexural vibration and buckling of the elastically connected parallel-beams with a Kerr-type layer in between. <i>Mechanics Research Communications</i> , 2014, 56, 83-89.	1.0	35
40	Free transverse vibration of nonlocal viscoelastic orthotropic multi-nanoplate system (MNPS) embedded in a viscoelastic medium. <i>Composite Structures</i> , 2014, 115, 89-99.	3.1	60
41	Exact closed-form solution for non-local vibration and biaxial buckling of bonded multi-nanoplate system. <i>Composites Part B: Engineering</i> , 2014, 66, 328-339.	5.9	49
42	Flexural vibration and buckling analysis of single-walled carbon nanotubes using different gradient elasticity theories based on Reddy and Huu-Tai formulations. <i>Journal of Theoretical and Applied Mechanics</i> , 0, , 217.	0.2	12