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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Nonlocal longitudinal vibration of viscoelastic coupled double-nanorod systems. <i>European Journal of Mechanics, A/Solids</i> , 2015, 49, 183-196.	2.1	56
4	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
5	Nonlocal vibration of a fractional order viscoelastic nanobeam with attached nanoparticle. <i>Theoretical and Applied Mechanics</i> , 2015, 42, 167-190.	0.1	41
6	Dynamics of multiple viscoelastic carbon nanotube based nanocomposites with axial magnetic field. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	38
7	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
8	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
9	Vibrating nonlocal multi-nanoplate system under inplane magnetic field. <i>European Journal of Mechanics, A/Solids</i> , 2017, 64, 29-45.	2.1	35
10	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
11	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
12	Periodic response of a nonlinear axially moving beam with a nonlinear energy sink and piezoelectric attachment. <i>International Journal of Mechanical Sciences</i> , 2021, 195, 106230.	3.6	28
13	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
14	Dynamic stability of nonlocal Voigt-Kelvin viscoelastic Rayleigh beams. <i>Applied Mathematical Modelling</i> , 2015, 39, 6941-6950.	2.2	23
15	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
16	A novel approach for vibration analysis of fractional viscoelastic beams with attached masses and base excitation. <i>Journal of Sound and Vibration</i> , 2019, 463, 114955.	2.1	22
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Dynamic stability of a nonlinear multiple-nanobeam system. <i>Nonlinear Dynamics</i> , 2018, 93, 1495-1517.	2.7	19
20	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
21	Nonlocal axial vibration of the multiple Bishop nanorod system. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 1668-1691.	1.5	18
22	Parametrically amplified Mathieu-Duffing nonlinear energy harvesters. <i>Journal of Sound and Vibration</i> , 2020, 488, 115677.	2.1	18
23	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
24	Stochastic stability of multi-nanobeam systems. <i>International Journal of Engineering Science</i> , 2016, 109, 88-105.	2.7	17
25	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
26	Nonlinear energy harvester with coupled Duffing oscillators. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 91, 105394.	1.7	14
27	Wave propagation in mass embedded and pre-stressed hexagonal lattices. <i>Composite Structures</i> , 2021, 256, 113087.	3.1	13
28	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
29	Gaussian process assisted stochastic dynamic analysis with applications to near-periodic structures. <i>Mechanical Systems and Signal Processing</i> , 2021, 149, 107218.	4.4	10
30	Dynamics of fractional-order multi-beam mass system excited by base motion. <i>Applied Mathematical Modelling</i> , 2020, 80, 702-723.	2.2	9
31	Stochastic stability of a magnetically affected single-layer graphene sheet resting on a viscoelastic foundation. <i>European Journal of Mechanics, A/Solids</i> , 2018, 72, 66-78.	2.1	8
32	Wave propagation in randomly parameterized 2D lattices via machine learning. <i>Composite Structures</i> , 2021, 275, 114386.	3.1	7
33	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
34	Nonlinear vibration of a nonlocal functionally graded beam on fractional visco-Pasternak foundation. <i>Nonlinear Dynamics</i> , 2022, 107, 2003-2026.	2.7	7
35	Bloch waves in an array of elastically connected periodic slender structures. <i>Mechanical Systems and Signal Processing</i> , 2021, 155, 107591.	4.4	6
36	A fractional calculus approach to metadamping in phononic crystals and acoustic metamaterials. <i>Theoretical and Applied Mechanics</i> , 2020, 47, 81-97.	0.1	6

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37	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
38	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
39	THERMAL EFFECT ON FREE VIBRATION AND BUCKLING OF A DOUBLE-MICROBEAM SYSTEM. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 45.	2.3	2
40	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
41	Multi-mode active vibration control of a nanobeam using a non-square MIMO PID controller. , 2017, , .		1
42	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