Farzad Ebrahimi

List of Publications by Year
in descending order

432 papers	13,746 citations	25423 59 h-index	58552 86 g-index
436 all docs	436 docs citations	436 times ranked	6258 citing authors

#	Article	IF	Citations
1	A wave propagation study for porous metal foam beams resting on an elastic foundation. Waves in Random and Complex Media, 2024, 34, 182-196.	1.6	4
2	Static stability analysis of multi-scale hybrid agglomerated nanocomposite shells. Mechanics Based Design of Structures and Machines, 2023, 51, 501-517.	3.4	20
3	Wave dispersion analysis of embedded MWCNTs-reinforced nanocomposite beams by considering waviness and agglomeration factors. Waves in Random and Complex Media, 2023, 33, 525-544.	1.6	8
4	Smart laminates with an auxetic ply rested on visco-Pasternak medium: Active control of the systemâ€™s oscillation. Engineering With Computers, 2023, 39, 221-231.	3.5	10
5	Torsional vibration analysis of scale-dependent non-circular graphene oxide powder-strengthened nanocomposite nanorods. Engineering With Computers, 2023, 39, 173-184.	3.5	5
6	Magnetostriction-assisted active control of the multi-layered nanoplates: effect of the porous functionally graded facesheets on the systemâ€™s behavior. Engineering With Computers, 2023, 39, 269-283.	3.5	12
7	Nonlinear forced vibrations of three-phase nanocomposite shells considering matrix rheological behavior and nano-fiber waviness. Engineering With Computers, 2023, 39, 557-574.	3.5	12
8	Buckling analysis of single and double-layer annular graphene sheets in thermal environment. Engineering With Computers, 2023, 39, 625-639.	3.5	15
9	Wave dispersion characteristics of high-speed-rotating laminated nanocomposite cylindrical shells based on four continuum mechanics theories. Waves in Random and Complex Media, 2022, 32, 1599-1625.	1.6	28
10	Studying propagation of wave of metal foam rectangular plates with graded porosities resting on Kerr substrate in thermal environment via analytical method. Waves in Random and Complex Media, 2022, 32, 832-855.	1.6	6
11	Wave propagation response of agglomerated multi-scale hybrid nanocomposite plates. Waves in Random and Complex Media, 2022, 32, 1338-1362.	1.6	10
12	Wave propagation analysis of smart inhomogeneous piezoelectric nanosize beams rested on an elastic medium. Waves in Random and Complex Media, 2022, 32, 1269-1288.	1.6	6
13	Studying propagation of wave in metal foam cylindrical shells with graded porosities resting on variable elastic substrate. Engineering With Computers, 2022, 38, 379-395.	3.5	9
14	Post-buckling analysis of imperfect multi-scale hybrid nanocomposite beams rested on a nonlinear stiff substrate. Engineering With Computers, 2022, 38, 301-314.	3.5	22
15	Wave dispersion characteristics of thermally excited graphene oxide powder-reinforced nanocomposite plates. Waves in Random and Complex Media, 2022, 32, 204-232.	1.6	25
16	Wave propagation analysis of electro-rheological fluid-filled sandwich composite beam. Mechanics Based Design of Structures and Machines, 2022, 50, 1481-1490.	3.4	4
17	Vibration analysis of polymer composite plates reinforced with graphene platelets resting on two-parameter viscoelastic foundation. Engineering With Computers, 2022, 38, 419-435.	3.5	17
18	On buckling characteristics of polymer composite plates reinforced with graphene platelets. Engineering With Computers, 2022, 38, 513-524.	3.5	7

#	Article	IF	Citations
19	Viscoelastic dynamics and static responses of a graphene nanoplatelets-reinforced composite cylindrical microshell. Mechanics Based Design of Structures and Machines, 2022, 50, 509-536.	3.4	68
20	Buckling analysis of heterogeneous magneto-electro-thermo-elastic cylindrical nanoshells based on nonlocal strain gradient elasticity theory. Mechanics Based Design of Structures and Machines, 2022, 50, 817-840.	3.4	19
21	Influence of magnetic field on the wave propagation response of functionally graded (FG) beam lying on elastic foundation in thermal environment. Waves in Random and Complex Media, 2022, 32, 2158-2176.	1.6	20
22	Enhancing vibration performance of a spinning smart nanocomposite reinforced microstructure conveying fluid flow. Engineering With Computers, 2022, 38, 4097-4112.	3.5	16
23	Effect of viscoelastic properties of polymer and wavy shape of the CNTs on the vibrational behaviors of CNT/glass fiber/polymer plates. Engineering With Computers, 2022, 38, 4113-4126.	3.5	12
24	Wave dispersion characteristics of a rectangular sandwich composite plate with tunable magneto-rheological fluid core rested on a visco-Pasternak foundation. Mechanics Based Design of Structures and Machines, 2022, 50, 170-183.	3.4	10
25	On the nonlinear dynamics of viscoelastic graphene sheets conveying nanoflow: Parametric excitation analysis. Mechanics Based Design of Structures and Machines, 2022, 50, 781-798.	3.4	3
26	Modified strain gradient theory for nonlinear vibration analysis of functionally graded piezoelectric doubly curved microshells. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 4219-4231.	1.1	3
27	A new higher-order shear deformation theory for frequency analysis of functionally graded porous plates. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 11066-11080.	1.1	10
28	Finite element modeling and analysis of piezoelectric nanoporous metal foam nanobeam under hygro and nonlinear thermal field. Acta Mechanica, 2022, 233, 3113-3132.	1.1	3
29	Wave propagation analysis of a spinning porous graphene nanoplatelet-reinforced nanoshell. Waves in Random and Complex Media, 2021, 31, 1655-1681.	1.6	63
30	Comparative study of the flexoelectricity effect with a highly/weakly interface in distinct piezoelectric materials (PZT-2, PZT-4, PZT-5H, LiNbO₃, BaTiO₃). Waves in Random and Complex Media, 2021, 31, 1780-1798.	1.6	33
31	Vibration analysis of porous metal foam plates rested on viscoelastic substrate. Engineering With Computers, 2021, 37, 3727-3739.	3.5	23
32	Application of nonlocal strainâ€“stress gradient theory and GDQEM for thermo-vibration responses of a laminated composite nanoshell. Engineering With Computers, 2021, 37, 3359-3374.	3.5	62
33	The critical voltage of a GPL-reinforced composite microdisk covered with piezoelectric layer. Engineering With Computers, 2021, 37, 3489-3508.	3.5	44
34	On the nonlinear dynamics of a multi-scale hybrid nanocomposite disk. Engineering With Computers, 2021, 37, 2369.	3.5	64
35	Nonlinear dynamics and vibration of reinforced piezoelectric scale-dependent plates as a class of nonlinear Mathieuâ€“Hill systems: parametric excitation analysis. Engineering With Computers, 2021, 37, 2285.	3.5	14
36	Effect of residual surface stress on parametrically excited nonlinear dynamics and instability of viscoelastic piezoelectric nanoelectromechanical resonators. Engineering With Computers, 2021, 37, 1835.	3.5	11

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37	Static stability analysis of agglomerated multi-scale hybrid nanocomposites via a refined theory. Engineering With Computers, 2021, 37, 2225.	3.5	28
38	A machine learning-based model for the estimation of the temperature-dependent moduli of graphene oxide reinforced nanocomposites and its application in a thermally affected buckling analysis. Engineering With Computers, 2021, 37, 2245.	3.5	23
39	Effect of residual surface stress on parametrically excited nonlinear dynamics and instability of double-walled nanobeams: an analytical study. Engineering With Computers, 2021, 37, 1219-1230.	3.5	8
40	Wave propagation analysis of a rectangular sandwich composite plate with tunable magneto-rheological fluid core. JVC/Journal of Vibration and Control, 2021, 27, 1231-1239.	1.5	4
41	Buckling analysis of embedded graphene oxide powder-reinforced nanocomposite shells. Defence Technology, 2021, 17, 226-233.	2.1	27
42	Thermal buckling analysis of agglomerated multiscale hybrid nanocomposites via a refined beam theory. Mechanics Based Design of Structures and Machines, 2021, 49, 403-429.	3.4	33
43	Vibration analysis of fluid-conveying multi-scale hybrid nanocomposite shells with respect to agglomeration of nanofillers. Defence Technology, 2021, 17, 212-225.	2.1	15
44	Magnetic field effects on thermally affected propagation of acoustical waves in rotary double-nanobeam systems. Waves in Random and Complex Media, 2021, 31, 25-45.	1.6	26
45	Speckle- Tracking Echocardiography for the Staging of Diastolic Dysfunction: The Correlation Between Strain-Based Indices and the Severity of Left Ventricular Diastolic Dysfunction. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 216-221.	0.6	3
46	On wave dispersion characteristics of magnetostrictive sandwich nanoplates in thermal environments. European Journal of Mechanics, A/Solids, 2021, 85, 104130.	2.1	41
47	Nonlinear ultrasonic waves in a magneto-flexo-thermally actuated single walled armchair carbon nanotube embedded on polymer matrix. World Journal of Engineering, 2021, 18, 1-13.	1.0	2
48	Postbuckling analysis of piezoelectric multiscale sandwich composite doubly curved porous shallow shells via Homotopy Perturbation Method. Engineering With Computers, 2021, 37, 561-577.	3.5	18
49	Nonlinear vibration and dynamic instability analysis nanobeams under thermo-magneto-mechanical loads: a parametric excitation study. Engineering With Computers, 2021, 37, 395-408.	3.5	16
50	An analytical solution for static stability of multi-scale hybrid nanocomposite plates. Engineering With Computers, 2021, 37, 545-559.	3.5	28
51	Wave propagation response of multi-scale hybrid nanocomposite shell by considering aggregation effect of CNTs. Mechanics Based Design of Structures and Machines, 2021, 49, 59-80.	3.4	37
52	Vibration analysis of porous magneto-electro-elastically actuated carbon nanotube-reinforced composite sandwich plate based on a refined plate theory. Engineering With Computers, 2021, 37, 921-936.	3.5	46
53	Chaotic dynamics and forced harmonic vibration analysis of magneto-electro-viscoelastic multiscale composite nanobeam. Engineering With Computers, 2021, 37, 937-950.	3.5	14
54	Magneto-electro-elastic analysis of piezoelectricâ€“flexoelectric nanobeams rested on silica aerogel foundation. Engineering With Computers, 2021, 37, 1007-1014.	3.5	28

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55	Free vibration analysis of multi-scale hybrid nanocomposite plates with agglomerated nanoparticles. Mechanics Based Design of Structures and Machines, 2021, 49, 487-510.	3.4	38
56	Nonlocal and surface effects on the bending analysis of flexoelectrically actuated piezoelectric microbeams in hygrothermal environment. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	0.8	1
57	Postbuckling analysis of meta-nanocomposite beams by considering the CNTsâ€™ agglomeration. European Physical Journal Plus, 2021, 136, 1.	1.2	15
58	Application of Chebyshevâ€“Ritz method for static stability and vibration analysis of nonlocal microstructure-dependent nanostructures. Engineering With Computers, 2020, 36, 953-964.	3.5	138
59	Thermal vibration analysis of embedded graphene oxide powder-reinforced nanocomposite plates. Engineering With Computers, 2020, 36, 879-895.	3.5	42
60	Viscoelastic wave propagation analysis of axially motivated double-layered graphene sheets via nonlocal strain gradient theory. Waves in Random and Complex Media, 2020, 30, 157-176.	1.6	29
61	Propagation of waves in nonlocal porous multi-phase nanocrystalline nanobeams under longitudinal magnetic field. Waves in Random and Complex Media, 2020, 30, 308-327.	1.6	9
62	Parametrically excited nonlinear dynamics and instability of double-walled nanobeams under thermo-magneto-mechanical loads. Microsystem Technologies, 2020, 26, 1121-1132.	1.2	2
63	On nonlinear vibration of sandwiched polymer- CNT/GPL-fiber nanocomposite nanoshells. Thin-Walled Structures, 2020, 146, 106431.	2.7	43
64	Nonlinear dynamic modeling of smart graphene/piezoelectric composite nanoplates subjected to dual frequency excitation. Engineering Research Express, 2020, 2, 025019.	0.8	5
65	Thermal buckling and forced vibration characteristics of a porous GNP reinforced nanocomposite cylindrical shell. Microsystem Technologies, 2020, 26, 461-473.	1.2	93
66	Wave dispersion characteristics of fluid-conveying magneto-electro-elastic nanotubes. Engineering With Computers, 2020, 36, 1687-1703.	3.5	15
67	Modeling vibration behavior of embedded graphene-oxide powder-reinforced nanocomposite plates in thermal environment. Mechanics Based Design of Structures and Machines, 2020, 48, 217-240.	3.4	52
68	Nonlinear dynamics and stability of viscoelastic nanoplates considering residual surface stress and surface elasticity effects: a parametric excitation analysis. Engineering With Computers, 2020, 37, 1709.	3.5	11
69	Double harmonically excited nonlinear vibration of viscoelastic piezoelectric nanoplates subjected to thermo-electro-mechanical forces. JVC/Journal of Vibration and Control, 2020, 26, 430-446.	1.5	10
70	Investigation of flexoelectric effect on nonlinear forced vibration of piezoelectric/functionally graded porous nanocomposite resting on viscoelastic foundation. Journal of Strain Analysis for Engineering Design, 2020, 55, 53-68.	1.0	14
71	A coupled thermomechanics approach for frequency information of electrically composite microshell using heat-transfer continuum problem. European Physical Journal Plus, 2020, 135, 1.	1.2	43
72	Vibration analysis of multi-scale hybrid nanocomposite shells by considering nanofillersâ€™ aggregation. Waves in Random and Complex Media, 2020, , 1-19.	1.6	12

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73	Propagation of Flexural Waves in Anisotropic Fluid-Conveying Cylindrical Shells. Symmetry, 2020, 12, 901.	1.1	9
74	Buckling analysis of CFRP plates: a porosity-dependent study considering the GPLs-reinforced interphase between fiber and matrix. European Physical Journal Plus, 2020, 135, 1.	1.2	13
75	Frequency characteristics of FG-GPLRC viscoelastic thick annular plate with the aid of GDQM. Thin-Walled Structures, 2020, 150, 106683.	2.7	124
76	Hygrothermal postbuckling analysis of smart multiscale piezoelectric composite shells. European Physical Journal Plus, 2020, 135, 1.	1.2	6
77	Frequency characteristics of a GPL-reinforced composite microdisk coupled with a piezoelectric layer. European Physical Journal Plus, 2020, 135, 1.	1.2	48
78	Resonance analysis on nonlinear vibration of piezoelectric/FG porous nanocomposite subjected to moving load. European Physical Journal Plus, 2020, 135, 1.	1.2	52
79	Nonlinear magneto-thermo-elastic vibration of mass sensor armchair carbon nanotube resting on an elastic substrate. Curved and Layered Structures, 2020, 7, 153-165.	0.5	11
80	Agglomeration Effects on Static Stability Analysis of Multi-Scale Hybrid Nanocomposite Plates. Computers, Materials and Continua, 2020, 62, 41-64.	1.5	22
81	Thermo-mechanical wave dispersion analysis of nonlocal strain gradient single-layered graphene sheet rested on elastic medium. Microsystem Technologies, 2019, 25, 587-597.	1.2	5
82	Dynamic modeling of embedded nanoplate systems incorporating flexoelectricity and surface effects. Microsystem Technologies, 2019, 25, 175-187.	1.2	22
83	Intraoperative assessment of left-ventricular diastolic function by two-dimensional speckle tracking echocardiography: relationship between pulmonary capillary wedge pressure and peak longitudinal strain rate during isovolumetric relaxation in patients undergoing coronary artery bypass graft surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1014-1021.	0.6	10
84	A modified couple stress theory for buckling analysis of higher order inhomogeneous microbeams with porosities. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 2855-2866.	1.1	7
85	Large amplitude vibration of viscoelastically damped multiscale composite doubly curved sandwich shell with flexible core and MR layers. Thin-Walled Structures, 2019, 144, 106128.	2.7	28
86	Wave dispersion characteristics of agglomerated multi-scale hybrid nanocomposite beams. Journal of Strain Analysis for Engineering Design, 2019, 54, 276-289.	1.0	30
87	Dynamic analysis of multi-layered composite beams reinforced with graphene platelets resting on two-parameter viscoelastic foundation. European Physical Journal Plus, 2019, 134, 1.	1.2	23
88	Stability analysis of embedded graphene platelets reinforced composite plates in thermal environment. European Physical Journal Plus, 2019, 134, 1.	1.2	15
89	A finite elementâ€“based assessment of free vibration behaviour of circular and annular magneto-electro-elastic plates using higher order shear deformation theory. Journal of Intelligent Material Systems and Structures, 2019, 30, 2478-2501.	1.4	30
90	Vibration analysis of magnetically affected graphene oxide-reinforced nanocomposite beams. JVC/Journal of Vibration and Control, 2019, 25, 2837-2849.	1.5	39

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91	Hygrothermal effects on static stability of embedded single-layer graphene sheets based on nonlocal strain gradient elasticity theory. Journal of Thermal Stresses, 2019, 42, 1535-1550.	1.1	8
92	Three-dimensional plasmoid-mediated reconnection and the effect of toroidal guide field in simulations of coaxial helicity injection. Physics of Plasmas, 2019, 26, .	0.7	7
93	Wave dispersion analysis of magnetic-electrically affected fluid-conveying nanotubes in thermal environment. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 7116-7131.	1.1	8
94	Vibration analysis of graphene oxide powder-/carbon fiber-reinforced multi-scale porous nanocomposite beams: A finite-element study. European Physical Journal Plus, 2019, 134, 1.	1.2	45
95	Free Vibration Analysis of Graphene Plateletsâ€“Reinforced Composites Plates in Thermal Environment Based on Higher-Order Shear Deformation Plate Theory. International Journal of Aeronautical and Space Sciences, 2019, 20, 902-912.	1.0	24
96	Nonlinear forced vibration of smart multiscale sandwich composite doubly curved porous shell. Thin-Walled Structures, 2019, 143, 106152.	2.7	48
97	Vibration analysis of porous metal foam shells rested on an elastic substrate. Journal of Strain Analysis for Engineering Design, 2019, 54, 199-208.	1.0	25
98	Vibration analysis of multi-scale hybrid nanocomposite plates based on a Halpin-Tsai homogenization model. Composites Part B: Engineering, 2019, 173, 106955.	5.9	77
99	A novel porosity-dependent homogenization procedure for wave dispersion in nonlocal strain gradient inhomogeneous nanobeams. European Physical Journal Plus, 2019, 134, 1.	1.2	31
100	Buckling and post-buckling responses of smart doubly curved composite shallow shells embedded in SMA fiber under hygro-thermal loading. Composite Structures, 2019, 223, 110988.	3.1	61
101	Intraoperative Assessment of Coronary Artery Stenosis by 2D Speckle-Tracking Echocardiography: The Correlation Between Peak Strain Rate During Early Diastole and the Severity of Coronary Artery Stenosis in Patients Undergoing Coronary Artery Bypass Grafting. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2652-2657.	0.6	3
102	Nonlinear vibration analysis of multiscale doubly curved piezoelectric composite shell in hygrothermal environment. Journal of Intelligent Material Systems and Structures, 2019, 30, 1594-1609.	1.4	29
103	Nonlinear free and forced vibration analysis of multiscale composite doubly curved shell embedded in shape-memory alloy fiber under hygrothermal environment. JVC/Journal of Vibration and Control, 2019, 25, 1945-1957.	1.5	28
104	Nonlinear forced vibration of pre-stressed graphene sheets subjected to a mechanical shock: An analytical study. Thin-Walled Structures, 2019, 141, 293-307.	2.7	29
105	Application of the nonlocal strain gradient elasticity on the wave dispersion behaviors of inhomogeneous nanosize beams. European Physical Journal Plus, 2019, 134, 1.	1.2	8
106	An investigation of the vibration of multi-layer composite beams reinforced by graphene platelets resting on two parameter viscoelastic foundation. SN Applied Sciences, 2019, 1, 1.	1.5	22
107	Wave dispersion characteristics of heterogeneous nanoscale beams via a novel porosity-based homogenization scheme. European Physical Journal Plus, 2019, 134, 1.	1.2	18
108	Finite element vibration analysis of multi-scale hybrid nanocomposite beams via a refined beam theory. Thin-Walled Structures, 2019, 140, 304-317.	2.7	43

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109	Buckling and vibration characteristics of a carbon nanotube-reinforced spinning cantilever cylindrical 3D shell conveying viscous fluid flow and carrying spring-mass systems under various temperature distributions. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 4590-4605.	1.1	73
110	Numerical analysis of the vibration response of skew magneto-electro-elastic plates based on the higher-order shear deformation theory. Composite Structures, 2019, 214, 132-142.	3.1	51
111	Dynamic modeling of a multi-scale sandwich composite panel containing flexible core and MR smart layer. European Physical Journal Plus, 2019, 134, 1.	1.2	3
112	Buckling of magneto-electro-hygro-thermal piezoelectric nanoplates system embedded in a visco-Pasternak medium based on nonlocal theory. Microsystem Technologies, 2019, 25, 1031-1042.	1.2	12
113	On thermo-mechanical vibration analysis of multi-scale hybrid composite beams. JVC/Journal of Vibration and Control, 2019, 25, 933-945.	1.5	40
114	On modeling of wave propagation in a thermally affected GNP-reinforced imperfect nanocomposite shell. Engineering With Computers, 2019, 35, 1375-1389.	3.5	107
115	Nonlinear free and forced vibration analysis of Timoshenko nanobeams based on Mindlin's second strain gradient theory. European Journal of Mechanics, A/Solids, 2019, 73, 268-281.	2.1	21
116	Vibration analysis of biaxially compressed double-layered graphene sheets based on nonlocal strain gradient theory. Mechanics of Advanced Materials and Structures, 2019, 26, 854-865.	1.5	15
117	Surface effects on nonlinear vibration of embedded functionally graded nanoplates via higher order shear deformation plate theory. Mechanics of Advanced Materials and Structures, 2019, 26, 671-699.	1.5	24
118	A Nonlocal Strain Gradient Mass Sensor Based on Vibrating Hygro-Thermally Affected Graphene Nanosheets. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2019, 43, 205-220.	0.8	4
119	Damping Vibration Behavior of Viscoelastic Porous Nanocrystalline Nanobeams Incorporating Nonlocalâ€“Couple Stress and Surface Energy Effects. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2019, 43, 187-203.	0.8	9
120	Thermo-Mechanical Vibration Analysis of Imperfect Inhomogeneous Beams Based on a Four-Variable Refined Shear Deformation Beam Theory Considering Neutral Surface Position. , 2019, 24, 426-439.		3
121	Nonlinear Vibration Analysis of Prestressed Double Layered Nanoscale Viscoelastic Plates. , 2019, 24, 394-407.		3
122	Thermo-magnetic field effects on the wave propagation behavior of smart magnetostrictive sandwich nanoplates. European Physical Journal Plus, 2018, 133, 1.	1.2	32
123	Static stability analysis of double-layer graphene sheet system in hygro-thermal environment. Microsystem Technologies, 2018, 24, 3713-3727.	1.2	4
124	Modelling of thermally affected elastic wave propagation within rotating Moriâ€“Tanaka-based heterogeneous nanostructures. Microsystem Technologies, 2018, 24, 2683-2693.	1.2	4
125	Wave dispersion characteristics of embedded graphene platelets-reinforced composite microplates. European Physical Journal Plus, 2018, 133, 1.	1.2	14
126	Wave dispersion characteristics of orthotropic double-nanoplate-system subjected to a longitudinal magnetic field. Microsystem Technologies, 2018, 24, 2929-2939.	1.2	8

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127	Axial magnetic field effects on dynamic characteristics of embedded multiphase nanocrystalline nanobeams. Microsystem Technologies, 2018, 24, 3521-3536.	1.2	9
128	Wave propagation analysis of magnetostrictive sandwich composite nanoplates via nonlocal strain gradient theory. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 4180-4192.	1.1	18
129	On wave dispersion characteristics of double-layered graphene sheets in thermal environments. Journal of Electromagnetic Waves and Applications, 2018, 32, 1869-1888.	1.0	20
130	Nonlinear vibration analysis of electro-hygro-thermally actuated embedded nanobeams with various boundary conditions. Microsystem Technologies, 2018, 24, 5037-5054.	1.2	4
131	Effect of humid-thermal environment on wave dispersion characteristics of single-layered graphene sheets. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	25
132	Vibration analysis of smart piezoelectrically actuated nanobeams subjected to magneto-electrical field in thermal environment. JVC/Journal of Vibration and Control, 2018, 24, 549-564.	1.5	128
133	Nonlocal strain gradient theory for damping vibration analysis of viscoelastic inhomogeneous nano-scale beams embedded in visco-Pasternak foundation. JVC/Journal of Vibration and Control, 2018, 24, 2080-2095.	1.5	19
134	A four-variable refined shear-deformation beam theory for thermo-mechanical vibration analysis of temperature-dependent FGM beams with porosities. Mechanics of Advanced Materials and Structures, 2018, 25, 212-224.	1.5	41
135	Effect of three-parameter viscoelastic medium on vibration behavior of temperature-dependent non-homogeneous viscoelastic nanobeams in a hygro-thermal environment. Mechanics of Advanced Materials and Structures, 2018, 25, 361-374.	1.5	16
136	Vibration analysis of piezoelectrically actuated curved nanosize FG beams via a nonlocal strain-electric field gradient theory. Mechanics of Advanced Materials and Structures, 2018, 25, 350-359.	1.5	39
137	Size-dependent thermally affected wave propagation analysis in nonlocal strain gradient functionally graded nanoplates via a quasi-3D plate theory. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 162-173.	1.1	5
138	Vibration analysis of embedded biaxially loaded magneto-electrically actuated inhomogeneous nanoscale plates. JVC/Journal of Vibration and Control, 2018, 24, 3587-3607.	1.5	15
139	A new nonlocal elasticity theory with graded nonlocality for thermo-mechanical vibration of FG nanobeams via a nonlocal third-order shear deformation theory. Mechanics of Advanced Materials and Structures, 2018, 25, 512-522.	1.5	26
140	Vibration analysis of size-dependent flexoelectric nanoplates incorporating surface and thermal effects. Mechanics of Advanced Materials and Structures, 2018, 25, 611-621.	1.5	45
141	Nonlinear eccentric low-velocity impact response of a polymer-carbon nanotube-fiber multiscale nanocomposite plate resting on elastic foundations in hygrothermal environments. Mechanics of Advanced Materials and Structures, 2018, 25, 425-438.	1.5	88
142	Wave propagation in embedded inhomogeneous nanoscale plates incorporating thermal effects. Waves in Random and Complex Media, 2018, 28, 215-235.	1.6	31
143	Vibration analysis of parabolic shear-deformable piezoelectrically actuated nanoscale beams incorporating thermal effects. Mechanics of Advanced Materials and Structures, 2018, 25, 917-929.	1.5	10
144	Longitudinal varying elastic foundation effects on vibration behavior of axially graded nanobeams via nonlocal strain gradient elasticity theory. Mechanics of Advanced Materials and Structures, 2018, 25, 953-963.	1.5	22

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145	Nonlocal and surface effects on the buckling behavior of flexoelectric sandwich nanobeams. Mechanics of Advanced Materials and Structures, 2018, 25, 943-952.	1.5	46
146	Wave propagation analysis of size-dependent rotating inhomogeneous nanobeams based on nonlocal elasticity theory. JVC/Journal of Vibration and Control, 2018, 24, 3809-3818.	1.5	30
147	Buckling analysis of nonlocal strain gradient axially functionally graded nanobeams resting on variable elastic medium. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 2067-2078.	1.1	14
148	Scale-dependent effects on wave propagation in magnetically affected single/double-layered compositionally graded nanosize beams. Waves in Random and Complex Media, 2018, 28, 326-342.	1.6	13
149	Vibration analysis of graphene sheets resting on the orthotropic elastic medium subjected to hygro-thermal and in-plane magnetic fields based on the nonlocal strain gradient theory. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 2469-2481.	1.1	16
150	Vibration analysis of nonlocal strain gradient embedded single-layer graphene sheets under nonuniform in-plane loads. JVC/Journal of Vibration and Control, 2018, 24, 4751-4763.	1.5	14
151	Damping vibration behavior of visco-elastically coupled double-layered graphene sheets based on nonlocal strain gradient theory. Microsystem Technologies, 2018, 24, 1643-1658.	1.2	12
152	Wave dispersion characteristics of rotating heterogeneous magneto-electro-elastic nanobeams based on nonlocal strain gradient elasticity theory. Journal of Electromagnetic Waves and Applications, 2018, 32, 138-169.	1.0	30
153	Influence of neutral surface position on dynamic characteristics of in-homogeneous piezo-magnetically actuated nanoscale plates. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 3125-3143.	1.1	4
154	Magnetic field effects on buckling characteristics of smart flexoelectrically actuated piezoelectric nanobeams based on nonlocal and surface elasticity theories. Microsystem Technologies, 2018, 24, 2147-2157.	1.2	14
155	Damping vibration analysis of graphene sheets on viscoelastic medium incorporating hygro-thermal effects employing nonlocal strain gradient theory. Composite Structures, 2018, 185, 241-253.	3.1	33
156	Nonlocal and Surface Effects on Vibration Behavior of Axially Loaded Flexoelectric Nanobeams Subjected to In-Plane Magnetic Field. Arabian Journal for Science and Engineering, 2018, 43, 1423-1433.	1.7	11
157	A modified nonlocal couple stress-based beam model for vibration analysis of higher-order FG nanobeams. Mechanics of Advanced Materials and Structures, 2018, 25, 1121-1132.	1.5	29
158	On wave dispersion characteristics of magneto-electro-elastic nanotubes considering the shell model based on the nonlocal strain gradient elasticity theory. European Physical Journal Plus, 2018, 133, 1.	1.2	12
159	On modeling wave dispersion characteristics of protein lipid nanotubules. Journal of Biomechanics, 2018, 77, 1-7.	0.9	6
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