

Hessam Rouhi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/291756/publications.pdf>

Version: 2024-02-01

131
papers

2,856
citations

186209

28
h-index

233338

45
g-index

131
all docs

131
docs citations

131
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibration of the analytical nonlocal shell model for vibrations of double-walled carbon nanotubes with arbitrary boundary conditions using molecular dynamics. <i>International Journal of Mechanical Sciences</i> , 2011, 53, 786-792.	3.6	152
2	Vibration characteristics of embedded multi-layered graphene sheets with different boundary conditions via nonlocal elasticity. <i>Composite Structures</i> , 2011, 93, 2419-2429.	3.1	143
3	Size-dependent nonlinear forced vibration analysis of magneto-electro-thermo-elastic Timoshenko nanobeams based upon the nonlocal elasticity theory. <i>Composite Structures</i> , 2015, 126, 216-226.	3.1	133
4	Rayleigh-Ritz axial buckling analysis of single-walled carbon nanotubes with different boundary conditions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 1255-1263.	0.9	105
5	Vibration analysis of single-walled carbon nanotubes using different gradient elasticity theories. <i>Composites Part B: Engineering</i> , 2012, 43, 2985-2989.	5.9	87
6	Axial buckling analysis of single-walled carbon nanotubes in thermal environments via the Rayleigh-Ritz technique. <i>Computational Materials Science</i> , 2011, 50, 3050-3055.	1.4	77
7	Nonlinear vibration analysis of Timoshenko nanobeams based on surface stress elasticity theory. <i>European Journal of Mechanics, A/Solids</i> , 2014, 45, 143-152.	2.1	67
8	Size-dependent free vibration analysis of nanoshells based on the surface stress elasticity. <i>Applied Mathematical Modelling</i> , 2016, 40, 3128-3140.	2.2	60
9	Mechanical properties of two-dimensional graphyne sheet under hydrogen adsorption. <i>Solid State Communications</i> , 2012, 152, 1885-1889.	0.9	54
10	Pre-buckling responses of Timoshenko nanobeams based on the integral and differential models of nonlocal elasticity: an isogeometric approach. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	54
11	Bending of Euler-Bernoulli nanobeams based on the strain-driven and stress-driven nonlocal integral models: a numerical approach. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2018, 34, 871-882.	1.5	52
12	Multi-scale bending, buckling and vibration analyses of carbon fiber/carbon nanotube-reinforced polymer nanocomposite plates with various shapes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 93, 17-25.	1.3	50
13	Explicit analytical expressions for the critical buckling stresses in a monolayer graphene sheet based on nonlocal elasticity. <i>Solid State Communications</i> , 2012, 152, 56-59.	0.9	45
14	Free vibration analysis of postbuckled arbitrary-shaped FG-GPL-reinforced porous nanocomposite plates. <i>Thin-Walled Structures</i> , 2021, 163, 107701.	2.7	43
15	Prediction of the biaxial buckling and vibration behavior of graphene via a nonlocal atomistic-based plate theory. <i>Composite Structures</i> , 2013, 95, 88-94.	3.1	41
16	Nonlinear bending analysis of arbitrary-shaped porous nanocomposite plates using a novel numerical approach. <i>International Journal of Non-Linear Mechanics</i> , 2020, 126, 103556.	1.4	41
17	Mechanical properties of multilayer boron nitride with different stacking orders. <i>Superlattices and Microstructures</i> , 2013, 53, 223-231.	1.4	40
18	Finite element analysis of vibrating micro-beams and -plates using a three-dimensional micropolar element. <i>Thin-Walled Structures</i> , 2018, 124, 489-500.	2.7	39

#	ARTICLE	IF	CITATIONS
19	Free vibration analysis of single- and double-walled carbon nanotubes based on nonlocal elastic shell models. <i>JVC/Journal of Vibration and Control</i> , 2014, 20, 670-678.	1.5	37
20	An analytical study on wave propagation in functionally graded nano-beams/tubes based on the integral formulation of nonlocal elasticity. <i>Waves in Random and Complex Media</i> , 2020, 30, 562-580.	1.6	36
21	Nonlinear forced vibration analysis of postbuckled beams. <i>Archive of Applied Mechanics</i> , 2014, 84, 421-440.	1.2	34
22	Thermal postbuckling analysis of FG-CNTRC plates with various shapes and temperature-dependent properties using the VDQ-FEM technique. <i>Aerospace Science and Technology</i> , 2020, 106, 106078.	2.5	34
23	Analytical treatment of the nonlinear free vibration of cylindrical nanoshells based on a first-order shear deformable continuum model including surface influences. <i>Acta Mechanica</i> , 2016, 227, 1767-1781.	1.1	33
24	Effects of hydrogen adsorption on mechanical properties of chiral single-walled zinc oxide nanotubes. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	32
25	Nonlinear free vibration analysis of cylindrical nanoshells based on the Ru model accounting for surface stress effect. <i>International Journal of Mechanical Sciences</i> , 2016, 113, 1-9.	3.6	31
26	Studying linear and nonlinear vibrations of fractional viscoelastic Timoshenko micro-/nano-beams using the strain gradient theory. <i>Nonlinear Dynamics</i> , 2017, 87, 695-711.	2.7	31
27	Nanoscale vibration analysis of embedded multi-layered graphene sheets under various boundary conditions. <i>Computational Materials Science</i> , 2011, 50, 3091-3100.	1.4	30
28	A nonlocal plate model incorporating interatomic potentials for vibrations of graphene with arbitrary edge conditions. <i>Current Applied Physics</i> , 2015, 15, 1062-1069.	1.1	30
29	A novel variational numerical method for analyzing the free vibration of composite conical shells. <i>Applied Mathematical Modelling</i> , 2015, 39, 2849-2860.	2.2	30
30	Mechanical properties of fully hydrogenated graphene sheets. <i>Solid State Communications</i> , 2015, 201, 1-4.	0.9	30
31	Triangular Mindlin microplate element. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2015, 295, 56-76.	3.4	29
32	Bending analysis of functionally graded nanobeams based on the fractional nonlocal continuum theory by the variational Legendre spectral collocation method. <i>Meccanica</i> , 2018, 53, 1115-1130.	1.2	29
33	NONLOCAL ANALYTICAL FLUGGE SHELL MODEL FOR AXIAL BUCKLING OF DOUBLE-WALLED CARBON NANOTUBES WITH DIFFERENT END CONDITIONS. <i>Nano</i> , 2012, 07, 1250018.	0.5	28
34	A thickness-independent nonlocal shell model for describing the stability behavior of carbon nanotubes under compression. <i>Composite Structures</i> , 2013, 100, 323-331.	3.1	28
35	Small-scale Timoshenko beam element. <i>European Journal of Mechanics, A/Solids</i> , 2015, 53, 19-33.	2.1	28
36	Analytical Treatment of the Free Vibration of Single-Walled Carbon Nanotubes Based on the Nonlocal Flugge Shell Theory. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2012, 134, .	0.8	27

#	ARTICLE	IF	CITATIONS
37	Studying the effects of small scale and Casimir force on the non-linear pull-in instability and vibrations of FGM microswitches under electrostatic actuation. <i>International Journal of Non-Linear Mechanics</i> , 2015, 77, 193-207.	1.4	27
38	Micromorphic first-order shear deformable plate element. <i>Meccanica</i> , 2016, 51, 1797-1809.	1.2	27
39	Stress-driven nonlocal and strain gradient formulations of Timoshenko nanobeams. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	26
40	Large deformation analysis of 2D hyperelastic bodies based on the compressible nonlinear elasticity: A numerical variational method. <i>International Journal of Non-Linear Mechanics</i> , 2019, 116, 39-54.	1.4	26
41	Vibrational analysis of carbon nanocones under different boundary conditions: An analytical approach. <i>Mechanics Research Communications</i> , 2014, 56, 130-135.	1.0	25
42	Buckling and postbuckling of single-walled carbon nanotubes based on a nonlocal Timoshenko beam model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2015, 95, 939-951.	0.9	25
43	Buckling and Postbuckling of Plates Made of FG-GPL-Reinforced Porous Nanocomposite with Various Shapes and Boundary Conditions. <i>International Journal of Structural Stability and Dynamics</i> , 2021, 21, 2150063.	1.5	25
44	A Nonclassical Finite Element Approach for the Nonlinear Analysis of Micropolar Plates. <i>Journal of Computational and Nonlinear Dynamics</i> , 2017, 12, .	0.7	24
45	Geometrically nonlinear free vibration analysis of shear deformable magneto-electro-elastic plates considering thermal effects based on a novel variational approach. <i>Thin-Walled Structures</i> , 2019, 135, 12-20.	2.7	24
46	Thermal effect on axial buckling behavior of multi-walled carbon nanotubes based on nonlocal shell model. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 44, 373-378.	1.3	21
47	A hybrid continuum and molecular mechanics model for the axial buckling of chiral single-walled carbon nanotubes. <i>Current Applied Physics</i> , 2014, 14, 1360-1368.	1.1	21
48	Size-Dependent Thermal Buckling and Postbuckling of Functionally Graded Annular Microplates Based on the Modified Strain Gradient Theory. <i>Journal of Thermal Stresses</i> , 2014, 37, 174-201.	1.1	21
49	Nonlinear wave propagation analysis in Timoshenko nano-beams considering nonlocal and strain gradient effects. <i>Meccanica</i> , 2018, 53, 3415-3435.	1.2	21
50	Nonlinear free and forced vibration analysis of Timoshenko nanobeams based on Mindlin's second strain gradient theory. <i>European Journal of Mechanics, A/Solids</i> , 2019, 73, 268-281.	2.1	21
51	Micromorphic prism element. <i>Mathematics and Mechanics of Solids</i> , 2017, 22, 1438-1461.	1.5	20
52	Nonlinear large deformation analysis of shells using the variational differential quadrature method based on the six-parameter shell theory. <i>International Journal of Non-Linear Mechanics</i> , 2018, 106, 130-143.	1.4	20
53	Analytical solution approach for nonlinear buckling and postbuckling analysis of cylindrical nanoshells based on surface elasticity theory. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2016, 37, 903-918.	1.9	19
54	Bending of small-scale Timoshenko beams based on the integral/differential nonlocal-micropolar elasticity theory: a finite element approach. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 767-782.	1.9	19

#	ARTICLE	IF	CITATIONS
55	Postbuckling analysis of functionally graded graphene platelet-reinforced polymer composite cylindrical shells using an analytical solution approach. Applied Mathematics and Mechanics (English) Tj ETQq1 1 0.784314 rgBT /Ove		
56	Nonlinear bending analysis of hyperelastic Mindlin plates: a numerical approach. Acta Mechanica, 2021, 232, 741-760.	1.1	19
57	Various gradient elasticity theories in predicting vibrational response of single-walled carbon nanotubes with arbitrary boundary conditions. JVC/Journal of Vibration and Control, 2013, 19, 708-719.	1.5	18
58	Nonlinear Vibration Analysis of Microscale Functionally Graded Timoshenko Beams using the Most General form of Strain Gradient Elasticity. Journal of Mechanics, 2014, 30, 161-172.	0.7	18
59	A non-classical Timoshenko beam element for the postbuckling analysis of microbeams based on Mindlin's strain gradient theory. Archive of Applied Mechanics, 2015, 85, 937-953.	1.2	18
60	Mechanical properties of graphene under molecular hydrogen physisorption: An ab initio study. Solid State Communications, 2012, 152, 842-845.	0.9	17
61	Elastoplastic postbuckling analysis of moderately thick rectangular plates using the variational differential quadrature method. Aerospace Science and Technology, 2019, 91, 479-493.	2.5	17
62	Nonlinear free vibration analysis of shell-type structures by the variational differential quadrature method in the context of six-parameter shell theory. International Journal of Mechanical Sciences, 2019, 151, 33-45.	3.6	17
63	Free and forced vibration analysis of rectangular/circular/annular plates made of carbon fiber-carbon nanotube-polymer hybrid composites. Science and Engineering of Composite Materials, 2019, 26, 70-76.	0.6	16
64	Thermal Buckling Analysis of Multi-Walled Carbon Nanotubes Through a Nonlocal Shell Theory Incorporating Interatomic Potentials. Journal of Thermal Stresses, 2013, 36, 56-70.	1.1	15
65	A novel size-dependent microbeam element based on Mindlin's strain gradient theory. Engineering With Computers, 2016, 32, 99-108.	3.5	15
66	Vibration analysis of FG nanobeams on the basis of fractional nonlocal model: a variational approach. Microsystem Technologies, 2018, 24, 2775-2782.	1.2	15
67	A VQ-based multifield approach to the 2D compressible nonlinear elasticity. International Journal for Numerical Methods in Engineering, 2019, 118, 345-370.	1.5	15
68	Nonlinear Bending Analysis of Nanobeams Based on the Nonlocal Strain Gradient Model Using an Isogeometric Finite Element Approach. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 533-547.	1.0	15
69	MECHANICAL PROPERTIES OF CHIRAL SILICON CARBIDE NANOTUBES UNDER HYDROGEN ADSORPTION: A MOLECULAR MECHANICS APPROACH. Nano, 2014, 09, 1450043.	0.5	14
70	Nonlinear stress-driven nonlocal formulation of Timoshenko beams made of FGMs. Continuum Mechanics and Thermodynamics, 2021, 33, 343-355.	1.4	14
71	Nonlinear Bending Analysis of First-Order Shear Deformable Microscale Plates Using a Strain Gradient Quadrilateral Element. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	0.7	13
72	Analyzing primary resonant dynamics of functionally graded nanoplates based on a surface third-order shear deformation model. Thin-Walled Structures, 2018, 131, 487-499.	2.7	13

#	ARTICLE	IF	CITATIONS
73	Continuum Modeling of van der Waals Interaction Force Between Carbon Nanocones and Carbon Nanotubes. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2011, 2, .	0.8	12
74	On the Free Vibrations of Piezoelectric Carbon Nanotube-Reinforced Microbeams: A Multiscale Finite Element Approach. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 285-294.	0.8	12
75	Isogeometric analysis of Mindlin nanoplates based on the integral formulation of nonlocal elasticity. <i>Multidiscipline Modeling in Materials and Structures</i> , 2018, 14, 810-827.	0.6	11
76	Nonlinear bending analysis of nanoplates made of FGMs based on the most general strain gradient model and 3D elasticity theory. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	11
77	Nonlinear Pull-In Instability of Strain Gradient Microplates Made of Functionally Graded Materials. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1950007.	1.5	11
78	Nonlinear analysis of laminated FG-GPLRC beams resting on an elastic foundation based on the two-phase stress-driven nonlocal model. <i>Acta Mechanica</i> , 2021, 232, 2183-2199.	1.1	11
79	A first principles study on the mechanical properties of hexagonal zinc oxide sheets. <i>Superlattices and Microstructures</i> , 2015, 79, 15-20.	1.4	10
80	Studying nonlinear thermomechanical wave propagation in a viscoelastic layer based upon the Lord-Shulman theory. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 800-806.	1.5	10
81	Free Vibration Analysis of Carbon Fiber-Carbon Nanotube-Polymer Matrix Composite Plates by a Finite Element-Based Multi-Scale Modeling Approach. <i>Journal of Multiscale Modeling</i> , 2018, 09, 1850002.	1.0	9
82	Large deformation analysis in the context of 3D compressible nonlinear elasticity using the VDQ method. <i>Engineering With Computers</i> , 2021, 37, 3251-3263.	3.5	9
83	Size-dependent buckling analysis of piezoelectric nanobeams resting on elastic foundation considering flexoelectricity effect using the stress-driven nonlocal model. <i>European Physical Journal Plus</i> , 2021, 136, .	1.2	9
84	Stability of a single-layer graphene sheet with various edge conditions: a non-local plate model including interatomic potentials. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , 2012, 226, 51-60.	0.1	8
85	A numerical study on the buckling and vibration of nanobeams based on the strain and stress-driven nonlocal integral models. <i>International Journal of Computational Materials Science and Engineering</i> , 2018, 07, 1850016.	0.5	8
86	Pre- and post-buckling analysis of FG cylindrical nanoshells in thermal environment considering the surface stress effect. <i>Materials Research Express</i> , 2019, 6, 095067.	0.8	8
87	Vibration analysis of graphene sheets resting on Winkler/Pasternak foundation: A multiscale approach. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	8
88	Nonlinear bending and postbuckling analysis of FG nanoscale beams using the two-phase fractional nonlocal continuum mechanics. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	8
89	Flexoelectricity effect on the size-dependent bending of piezoelectric nanobeams resting on elastic foundation. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	8
90	Free Vibration Analysis of Single-Walled Carbon Nanotubes Using Semi-Analytical Finite Element. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2012, 13, 202-209.	1.4	7

#	ARTICLE	IF	CITATIONS
91	An Explicit Nonlocal Frequency Formula for Monolayer Graphene Sheets. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2013, 14, 40-44.	1.4	7
92	Torsional buckling analysis of chiral multi-walled carbon nanotubes based on an accurate molecular mechanics model. <i>Acta Mechanica</i> , 2015, 226, 2955-2972.	1.1	7
93	Nonlinear vibration analysis of graphene sheets resting on Winkler–Pasternak elastic foundation using an atomistic-continuum multiscale model. <i>Acta Mechanica</i> , 2019, 230, 4157-4174.	1.1	7
94	Half-space contact problem considering strain gradient and surface effects: An analytical approach. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2019, 99, e201700190.	0.9	7
95	An efficient numerical approach to the micromorphic hyperelasticity. <i>Continuum Mechanics and Thermodynamics</i> , 2020, 32, 1011-1036.	1.4	7
96	Rayleigh-Ritz Vibrational Analysis of Multiwalled Carbon Nanotubes Based on the Nonlocal Flugge Shell Theory. <i>Journal of Composites</i> , 2015, 2015, 1-11.	0.8	6
97	A numerical approach to the elastic/plastic axisymmetric buckling analysis of circular and annular plates resting on elastic foundation. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 7041-7061.	1.1	6
98	Geometrically nonlinear vibrations of FG-GPLRC cylindrical panels with cutout based on HSDT and mixed formulation: a novel variational approach. <i>Acta Mechanica</i> , 2021, 232, 3417-3439.	1.1	6
99	Nonlinear Thermally Induced Vibration Analysis of Porous FGM Timoshenko Beams Embedded in an Elastic Medium. <i>Transport in Porous Media</i> , 2022, 142, 63-87.	1.2	6
100	Nonlocal Flugge Shell Model for Thermal Buckling of Multi-Walled Carbon Nanotubes with Layerwise Boundary Conditions. <i>Journal of Thermal Stresses</i> , 2012, 35, 326-341.	1.1	5
101	Prediction of torsional buckling behaviour of single-walled SiC nanotubes based on molecular mechanics. <i>Engineering Computations</i> , 2015, 32, 1837-1866.	0.7	5
102	Postbuckling analysis of microscale beams based on a strain gradient finite element approach. <i>Meccanica</i> , 2016, 51, 2493-2507.	1.2	5
103	Integral and differential nonlocal micromorphic theory. <i>Engineering Computations</i> , 2019, 37, 566-590.	0.7	5
104	Finite element modeling of micromorphic continua in the context of three-dimensional elasticity. <i>Continuum Mechanics and Thermodynamics</i> , 2020, 32, 99-110.	1.4	5
105	Bending analysis of nanoscopic beams based upon the strain-driven and stress-driven integral nonlocal strain gradient theories. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	0.8	5
106	A VDQ-transformed approach to the 3D compressible and incompressible finite hyperelasticity. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	5
107	Thermally nonlinear generalized coupled thermo-viscoelasticity of disks: a numerical variational approach. <i>Waves in Random and Complex Media</i> , 2022, 32, 2796-2811.	1.6	5
108	Studying nonlinear vibrations of composite conical panels with arbitrary-shaped cutout reinforced with graphene platelets based on higher-order shear deformation theory. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632110248.	1.5	4

#	ARTICLE	IF	CITATIONS
109	Hybrid strain- and stress-driven integral non-local model. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	4
110	Dynamic Response of Rapidly Heated Rectangular Plates Made of Porous Functionally Graded Material. <i>International Journal of Structural Stability and Dynamics</i> , 2022, 22, .	1.5	4
111	Vibration Analysis of Postbuckled Timoshenko Beams Using a Numerical Solution Methodology. <i>Journal of Computational and Nonlinear Dynamics</i> , 2014, 9, .	0.7	3
112	An efficient molecular mechanics model for the torsional buckling analysis of multi-walled silicon carbide nanotubes. <i>EPJ Applied Physics</i> , 2015, 70, 10401.	0.3	3
113	Thermal Post-Buckling Analysis of Nanoscale Films Based on a Non-Classical Finite Element Approach. <i>Journal of Thermal Stresses</i> , 2015, 38, 651-664.	1.1	3
114	Finite element analysis of micromorphic and micropolar continua based on two-dimensional elasticity. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 1893-1907.	1.5	3
115	Nonlinear Forced Vibration Analysis of FG Cylindrical Nanopanel Based on Mindlin's Strain Gradient Theory and 3D Elasticity. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2020, 21, 523-537.	0.4	3
116	Studying buckling of composite rods made of hybrid carbon fiber/carbon nanotube reinforced polyimide using multiscale FEM. <i>Scientia Iranica</i> , 2018, .	0.3	3
117	An efficient numerical method to solve the problems of 2D incompressible nonlinear elasticity. <i>Continuum Mechanics and Thermodynamics</i> , 2022, 34, 1-21.	1.4	3
118	SIZE-DEPENDENT GEOMETRICALLY NONLINEAR BENDING AND POSTBUCKLING OF NANOCRYSTALLINE SILICON RECTANGULAR PLATES BASED ON MINDLIN'S STRAIN GRADIENT THEORY. <i>International Journal for Multiscale Computational Engineering</i> , 2019, 17, 583-606.	0.8	2
119	A three-dimensional surface elastic model for vibration analysis of functionally graded arbitrary straight-sided quadrilateral nanoplates under thermal environment. <i>Journal of Mechanics</i> , 2020, 37, 72-99.	0.7	2
120	Vibrations of piezoelectric nanobeams considering flexoelectricity influence: a numerical approach based on strain-driven nonlocal differential/integral models. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	0.8	2
121	Bending analysis of nanobeams based on the integral form of nonlocal elasticity using the numerical Rayleigh-Ritz technique. <i>Journal of Strain Analysis for Engineering Design</i> , 2023, 58, 17-25.	1.0	2
122	FORCE DISTRIBUTION AND OFFSET CONFIGURATION FOR CARBON NANOTUBES. <i>International Journal of Nanoscience</i> , 2012, 11, 1250014.	0.4	1
123	Buckling of multi-walled silicon carbide nanotubes under axial compression via a molecular mechanics model. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 845-854.	1.1	1
124	A Numerical Investigation into the Primary Resonant Dynamics of Magneto-Electro-Thermo-Elastic Plates. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2020, 44, 571-583.	0.8	1
125	Investigating vibrations of viscoelastic fluid-conveying carbon nanotubes resting on viscoelastic foundation using a nonlocal fractional Timoshenko beam model. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems</i> , 2021, 235, 30-40.	0.5	1
126	Micromorphic Continuum Theory: Finite Element Analysis of 3D Elasticity with Applications in Beam- and Plate-Type Structures. <i>Springer Tracts in Mechanical Engineering</i> , 2021, , 339-363.	0.1	1

#	ARTICLE	IF	CITATIONS
127	A numerical study on the free vibrations of nanocomposite conical panels with variously shaped cutout. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	1
128	Graphene-Based Sensors for Monitoring Strain. <i>International Journal of Chemoinformatics and Chemical Engineering</i> , 2013, 3, 74-83.	0.1	0
129	Free vibration and postbuckling of laminated composite Timoshenko beams. <i>Science and Engineering of Composite Materials</i> , 2016, 23, 107-121.	0.6	0
130	Thermal Buckling of Carbon Nanotubes. , 2014, , 4897-4903.		0
131	Graphene-Based Sensors for Monitoring Strain. , 0, , 602-611.		0