

Abdelouahed Tounsi

List of Publications by Year in descending order

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297
papers

16,503
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11639

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2863
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#	ARTICLE	IF	CITATIONS
1	A new hyperbolic shear deformation theory for bending and free vibration analysis of isotropic, functionally graded, sandwich and laminated composite plates. <i>Applied Mathematical Modelling</i> , 2015, 39, 2489-2508.	2.2	433
2	A refined trigonometric shear deformation theory for thermoelastic bending of functionally graded sandwich plates. <i>Aerospace Science and Technology</i> , 2013, 24, 209-220.	2.5	379
3	An efficient and simple higher order shear and normal deformation theory for functionally graded material (FGM) plates. <i>Composites Part B: Engineering</i> , 2014, 60, 274-283.	5.9	372
4	A new hyperbolic shear deformation theory for buckling and vibration of functionally graded sandwich plate. <i>International Journal of Mechanical Sciences</i> , 2011, 53, 237-247.	3.6	348
5	Bending analysis of FGM plates under hygro-thermo-mechanical loading using a four variable refined plate theory. <i>Aerospace Science and Technology</i> , 2014, 34, 24-34.	2.5	319
6	New Quasi-3D Hyperbolic Shear Deformation Theory for the Static and Free Vibration Analysis of Functionally Graded Plates. <i>Journal of Engineering Mechanics - ASCE</i> , 2014, 140, 374-383.	1.6	318
7	Wave propagation in functionally graded plates with porosities using various higher-order shear deformation plate theories. <i>Structural Engineering and Mechanics</i> , 2015, 53, 1143-1165.	1.0	317
8	An efficient and simple refined theory for buckling and free vibration of exponentially graded sandwich plates under various boundary conditions. <i>Journal of Sandwich Structures and Materials</i> , 2014, 16, 293-318.	2.0	297
9	A new simple shear and normal deformations theory for functionally graded beams. <i>Steel and Composite Structures</i> , 2015, 18, 409-423.	1.3	279
10	Thermomechanical bending response of FGM thick plates resting on Winkler-Pasternak elastic foundations. <i>Steel and Composite Structures</i> , 2013, 14, 85-104.	1.3	254
11	A novel five-variable refined plate theory for vibration analysis of functionally graded sandwich plates. <i>Mechanics of Advanced Materials and Structures</i> , 2016, 23, 423-431.	1.5	244
12	Sound wave propagation in single-walled carbon nanotubes using nonlocal elasticity. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2791-2799.	1.3	236
13	Size dependent bending and vibration analysis of functionally graded micro beams based on modified couple stress theory and neutral surface position. <i>Composite Structures</i> , 2015, 125, 621-630.	3.1	215
14	A nonlocal zeroth-order shear deformation theory for free vibration of functionally graded nanoscale plates resting on elastic foundation. <i>Steel and Composite Structures</i> , 2016, 20, 227-249.	1.3	189
15	A NOVEL HIGHER ORDER SHEAR AND NORMAL DEFORMATION THEORY BASED ON NEUTRAL SURFACE POSITION FOR BENDING ANALYSIS OF ADVANCED COMPOSITE PLATES. <i>International Journal of Computational Methods</i> , 2014, 11, 1350082.	0.8	180
16	On vibration properties of functionally graded nano-plate using a new nonlocal refined four variable model. <i>Steel and Composite Structures</i> , 2015, 18, 1063-1081.	1.3	178
17	A sinusoidal plate theory with 5-unknowns and stretching effect for thermomechanical bending of functionally graded sandwich plates. <i>Steel and Composite Structures</i> , 2015, 18, 235-253.	1.3	177
18	A four variable refined plate theory for free vibrations of functionally graded plates with arbitrary gradient. <i>Composites Part B: Engineering</i> , 2011, 42, 1386-1394.	5.9	174

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19	Wave propagation analysis of a ceramic-metal functionally graded sandwich plate with different porosity distributions in a hygro-thermal environment. <i>Composite Structures</i> , 2021, 269, 114030.	3.1	170
20	Bending and buckling analyses of functionally graded material (FGM) size-dependent nanoscale beams including the thickness stretching effect. <i>Steel and Composite Structures</i> , 2015, 18, 425-442.	1.3	164
21	An Efficient Shear Deformation Beam Theory Based on Neutral Surface Position for Bending and Free Vibration of Functionally Graded Beams. <i>Mechanics Based Design of Structures and Machines</i> , 2013, 41, 421-433.	3.4	159
22	Variational approach for wave dispersion in anisotropic doubly-curved nanoshells based on a new nonlocal strain gradient higher order shell theory. <i>Thin-Walled Structures</i> , 2018, 129, 251-264.	2.7	157
23	Bending and free vibration analysis of functionally graded plates using a simple shear deformation theory and the concept the neutral surface position. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016, 38, 265-275.	0.8	152
24	A mechanical response of functionally graded nanoscale beam: an assessment of a refined nonlocal shear deformation theory beam theory. <i>Structural Engineering and Mechanics</i> , 2015, 54, 693-710.	1.0	148
25	The thermal effect on vibration of single-walled carbon nanotubes using nonlocal Timoshenko beam theory. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 225404.	1.3	146
26	A new higher-order shear and normal deformation theory for the static and free vibration analysis of sandwich plates with functionally graded isotropic face sheets. <i>Journal of Sandwich Structures and Materials</i> , 2013, 15, 671-703.	2.0	145
27	On the vibrations of the imperfect sandwich higher-order disk with a lactic core using generalize differential quadrature method. <i>Composite Structures</i> , 2021, 257, 113150.	3.1	141
28	A new four-variable refined plate theory for thermal buckling analysis of functionally graded sandwich plates. <i>Journal of Sandwich Structures and Materials</i> , 2012, 14, 5-33.	2.0	139
29	New 2D and quasi-3D shear deformation theories for free vibration of functionally graded plates on elastic foundations. <i>Composites Part B: Engineering</i> , 2019, 159, 231-247.	5.9	138
30	Influence of the visco-Pasternak foundation parameters on the buckling behavior of a sandwich functional graded ceramic-metal plate in a hygrothermal environment. <i>Thin-Walled Structures</i> , 2022, 170, 108549.	2.7	136
31	Extremely large oscillation and nonlinear frequency of a multi-scale hybrid disk resting on nonlinear elastic foundation. <i>Thin-Walled Structures</i> , 2020, 154, 106840.	2.7	131
32	An analytical method for temperature-dependent free vibration analysis of functionally graded beams with general boundary conditions. <i>Composite Structures</i> , 2010, 92, 1877-1887.	3.1	130
33	Static bending and buckling analysis of bi-directional functionally graded porous plates using an improved first-order shear deformation theory and FEM. <i>European Journal of Mechanics, A/Solids</i> , 2022, 96, 104743.	2.1	130
34	Effect of thickness stretching and porosity on mechanical response of a functionally graded beams resting on elastic foundations. <i>International Journal of Mechanics and Materials in Design</i> , 2017, 13, 71-84.	1.7	128
35	Static analysis of functionally graded short beams including warping and shear deformation effects. <i>Computational Materials Science</i> , 2008, 44, 765-773.	1.4	127
36	A theoretical analysis of flexional bending of Al/Al ₂ O ₃ S-FGM thick beams. <i>Computational Materials Science</i> , 2009, 44, 1344-1350.	1.4	124

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37	Thermoelastic bending analysis of functionally graded sandwich plates using a new higher order shear and normal deformation theory. <i>International Journal of Mechanical Sciences</i> , 2013, 76, 102-111.	3.6	124
38	Improved theoretical solution for interfacial stresses in concrete beams strengthened with FRP plate. <i>International Journal of Solids and Structures</i> , 2006, 43, 4154-4174.	1.3	123
39	Non-polynomial framework for stress and strain response of the FG-GPLRC disk using three-dimensional refined higher-order theory. <i>Engineering Structures</i> , 2021, 228, 111496.	2.6	118
40	Hygro-thermo-mechanical bending behavior of advanced functionally graded ceramic metal plate resting on a viscoelastic foundation. <i>Structures</i> , 2021, 33, 2177-2189.	1.7	118
41	Static stability analysis of carbon nanotube reinforced polymeric composite doubly curved micro-shell panels. <i>Archives of Civil and Mechanical Engineering</i> , 2021, 21, 1.	1.9	117
42	Thermal stability of functionally graded sandwich plates using a simple shear deformation theory. <i>Structural Engineering and Mechanics</i> , 2016, 58, 397-422.	1.0	116
43	Hygro-thermo-mechanical bending of S-FGM plates resting on variable elastic foundations using a four-variable trigonometric plate theory. <i>Smart Structures and Systems</i> , 2016, 18, 755-786.	1.9	112
44	Nonlocal effects on thermal buckling properties of double-walled carbon nanotubes. <i>Advances in Nano Research</i> , 2013, 1, 1-11.	0.9	109
45	Size-dependent mechanical behavior of functionally graded trigonometric shear deformable nanobeams including neutral surface position concept. <i>Steel and Composite Structures</i> , 2016, 20, 963-981.	1.3	109
46	Resonance behavior of functionally graded polymer composite nanoplates reinforced with graphene nanoplatelets. <i>International Journal of Mechanical Sciences</i> , 2019, 156, 94-105.	3.6	107
47	Porosity-dependent vibration analysis of FG microplates embedded by polymeric nanocomposite patches considering hygrothermal effect via an innovative plate theory. <i>Engineering With Computers</i> , 2022, 38, 4051-4072.	3.5	106
48	On thermal stability of plates with functionally graded coefficient of thermal expansion. <i>Structural Engineering and Mechanics</i> , 2016, 60, 313-335.	1.0	106
49	Galerkin's approach for buckling analysis of functionally graded anisotropic nanoplates/different boundary conditions. <i>Engineering With Computers</i> , 2019, 35, 1297-1316.	3.5	103
50	Chirality and scale effects on mechanical buckling properties of zigzag double-walled carbon nanotubes. <i>Composites Part B: Engineering</i> , 2014, 57, 21-24.	5.9	97
51	A comprehensive computational approach for nonlinear thermal instability of the electrically FG-GPLRC disk based on GDQ method. <i>Engineering With Computers</i> , 2022, 38, 801-818.	3.5	97
52	Nonlocal elasticity effect on column buckling of multiwalled carbon nanotubes under temperature field. <i>Applied Mathematical Modelling</i> , 2010, 34, 3933-3942.	2.2	94
53	A nonlocal quasi-3D theory for bending and free flexural vibration behaviors of functionally graded nanobeams. <i>Smart Structures and Systems</i> , 2017, 19, 115-126.	1.9	94
54	Scale effect on wave propagation of double-walled carbon nanotubes with initial axial loading. <i>Nanotechnology</i> , 2008, 19, 185703.	1.3	93

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55	A new simple three-unknown sinusoidal shear deformation theory for functionally graded plates. <i>Steel and Composite Structures</i> , 2016, 22, 257-276.	1.3	92
56	An analytical solution for bending, buckling and vibration responses of FGM sandwich plates. <i>Journal of Sandwich Structures and Materials</i> , 2019, 21, 727-757.	2.0	91
57	Free vibration analysis of functionally graded doubly curved nanoshells using nonlocal first-order shear deformation theory with variable nonlocal parameters. <i>Thin-Walled Structures</i> , 2022, 174, 109084.	2.7	90
58	Free vibration of functionally graded sandwich plates using four-variable refined plate theory. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2011, 32, 925-942.	1.9	88
59	Effect of small size on wave propagation in double-walled carbon nanotubes under temperature field. <i>Journal of Applied Physics</i> , 2008, 104, .	1.1	86
60	Free vibration analysis of functionally graded plates resting on Winkler-Pasternak elastic foundations using a new shear deformation theory. <i>International Journal of Mechanics and Materials in Design</i> , 2010, 6, 113-121.	1.7	86
61	A computational framework for propagated waves in a sandwich doubly curved nanocomposite panel. <i>Engineering With Computers</i> , 2022, 38, 1679-1696.	3.5	86
62	A novel quasi-3D trigonometric plate theory for free vibration analysis of advanced composite plates. <i>Composite Structures</i> , 2018, 184, 688-697.	3.1	84
63	A refined quasi-3D shear deformation theory for thermo-mechanical behavior of functionally graded sandwich plates on elastic foundations. <i>Journal of Sandwich Structures and Materials</i> , 2019, 21, 1906-1929.	2.0	84
64	A two variable refined plate theory for the bending analysis of functionally graded plates. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2010, 26, 941-949.	1.5	83
65	Static Analysis of Functionally Graded Sandwich Plates Using an Efficient and Simple Refined Theory. <i>Chinese Journal of Aeronautics</i> , 2011, 24, 434-448.	2.8	82
66	Effect of temperature and humidity on transient hygrothermal stresses during moisture desorption in laminated composite plates. <i>Composite Structures</i> , 2008, 82, 629-635.	3.1	81
67	Thermal Buckling Behavior of Nanobeams Using an Efficient Higher-Order Nonlocal Beam Theory. <i>Journal of Nanomechanics & Micromechanics</i> , 2013, 3, 37-42.	1.4	81
68	Free vibration analysis of functionally graded plates with temperature-dependent properties using various four variable refined plate theories. <i>Steel and Composite Structures</i> , 2015, 18, 187-212.	1.3	80
69	Free Vibration Behavior of Exponential Functionally Graded Beams with Varying Cross-section. <i>JVC/Journal of Vibration and Control</i> , 2011, 17, 311-318.	1.5	79
70	Interfacial stress analysis of steel beams reinforced with bonded prestressed FRP plate. <i>Engineering Structures</i> , 2008, 30, 3305-3315.	2.6	78
71	Two-Variable Refined Plate Theory for Thermoelastic Bending Analysis of Functionally Graded Sandwich Plates. <i>Journal of Thermal Stresses</i> , 2011, 34, 315-334.	1.1	78
72	Analytical modeling of bending and vibration of thick advanced composite plates using a four-variable quasi 3D HSDT. <i>Engineering With Computers</i> , 2020, 36, 807-821.	3.5	78

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73	Application of exact continuum size-dependent theory for stability and frequency analysis of a curved cantilevered microtubule by considering viscoelastic properties. <i>Engineering With Computers</i> , 2021, 37, 3629-3648.	3.5	78
74	Static and Dynamic Behavior of Nanotubes-Reinforced Sandwich Plates Using (FSDT). <i>Journal of Nano Research</i> , 0, 57, 117-135.	0.8	76
75	Chaotic oscillation of a multi-scale hybrid nano-composites reinforced disk under harmonic excitation via GDQM. <i>Composite Structures</i> , 2020, 252, 112737.	3.1	74
76	Frequency simulation of viscoelastic multi-phase reinforced fully symmetric systems. <i>Engineering With Computers</i> , 2022, 38, 3725-3741.	3.5	74
77	Sound wave propagation in single-walled carbon nanotubes with initial axial stress. <i>Journal of Applied Physics</i> , 2008, 104, 014301.	1.1	73
78	Interfacial stresses in FRP-plated RC beams: Effect of adherend shear deformations. <i>International Journal of Adhesion and Adhesives</i> , 2009, 29, 343-351.	1.4	73
79	Thermoelastic stability analysis of functionally graded plates: An analytical approach. <i>Computational Materials Science</i> , 2010, 49, 865-870.	1.4	71
80	Thermal Buckling of Functionally Graded Plates According to a Four-Variable Refined Plate Theory. <i>Journal of Thermal Stresses</i> , 2012, 35, 677-694.	1.1	71
81	A new five-unknown refined theory based on neutral surface position for bending analysis of exponential graded plates. <i>Meccanica</i> , 2014, 49, 795-810.	1.2	71
82	Nonlinear vibration properties of a zigzag single-walled carbon nanotube embedded in a polymer matrix. <i>Advances in Nano Research</i> , 2015, 3, 29-37.	0.9	70
83	Thermal buckling analysis of cross-ply laminated plates using a simplified HSDT. <i>Smart Structures and Systems</i> , 2017, 19, 289-297.	1.9	69
84	Comparison of various refined nonlocal beam theories for bending, vibration and buckling analysis of nanobeams. <i>Structural Engineering and Mechanics</i> , 2013, 48, 351-365.	1.0	68
85	A trigonometric four variable plate theory for free vibration of rectangular composite plates with patch mass. <i>Steel and Composite Structures</i> , 2014, 17, 69-81.	1.3	67
86	An efficient shear deformation theory for wave propagation of functionally graded material plates. <i>Structural Engineering and Mechanics</i> , 2016, 57, 837-859.	1.0	67
87	Dynamics of imperfect inhomogeneous nanoplate with exponentially-varying properties resting on viscoelastic foundation. <i>European Journal of Mechanics, A/Solids</i> , 2022, 95, 104649.	2.1	67
88	Interfacial stresses in externally FRP-plated concrete beams. <i>International Journal of Adhesion and Adhesives</i> , 2007, 27, 207-215.	1.4	63
89	On the layerwise finite element formulation for static and free vibration analysis of functionally graded sandwich plates. <i>Engineering With Computers</i> , 2022, 38, 3871-3899.	3.5	62
90	An efficient computational model for vibration behavior of a functionally graded sandwich plate in a hygrothermal environment with viscoelastic foundation effects. <i>Engineering With Computers</i> , 2023, 39, 1127-1141.	3.5	61

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91	A computational shear displacement model for vibrational analysis of functionally graded beams with porosities. <i>Steel and Composite Structures</i> , 2015, 19, 369-384.	1.3	61
92	A new higher-order shear and normal deformation theory for functionally graded sandwich beams. <i>Steel and Composite Structures</i> , 2015, 19, 521-546.	1.3	61
93	Two new refined shear displacement models for functionally graded sandwich plates. <i>Archive of Applied Mechanics</i> , 2011, 81, 1507-1522.	1.2	60
94	Bending of thick functionally graded plates resting on Winkler–Pasternak elastic foundations. <i>Mechanics of Composite Materials</i> , 2010, 46, 425-434.	0.9	58
95	On bending, buckling and vibration responses of functionally graded carbon nanotube-reinforced composite beams. <i>Steel and Composite Structures</i> , 2015, 19, 1259-1277.	1.3	58
96	On the vibrations of the Electrorheological sandwich disk with composite face sheets considering pre and post-yield regions. <i>Thin-Walled Structures</i> , 2022, 179, 109631.	2.7	58
97	Analytical Solutions for Static Shear Correction Factor of Functionally Graded Rectangular Beams. <i>Mechanics of Advanced Materials and Structures</i> , 2012, 19, 641-652.	1.5	56
98	A new 3-unknowns non-polynomial plate theory for buckling and vibration of functionally graded sandwich plate. <i>Structural Engineering and Mechanics</i> , 2016, 60, 547-565.	1.0	56
99	Free Vibration Analysis of Laminated Composite Plates Resting on Elastic Foundations by Using a Refined Hyperbolic Shear Deformation Theory. <i>Mechanics of Composite Materials</i> , 2014, 49, 629-640.	0.9	55
100	The thermal effect on vibration of zigzag single walled carbon nanotubes using nonlocal Timoshenko beam theory. <i>Computational Materials Science</i> , 2012, 51, 252-260.	1.4	54
101	Nonlinear thermal buckling behavior of functionally graded plates using an efficient sinusoidal shear deformation theory. <i>Structural Engineering and Mechanics</i> , 2013, 48, 547-567.	1.0	54
102	A REFINED AND SIMPLE SHEAR DEFORMATION THEORY FOR THERMAL BUCKLING OF SOLAR FUNCTIONALLY GRADED PLATES ON ELASTIC FOUNDATION. <i>International Journal of Computational Methods</i> , 2014, 11, 1350077.	0.8	53
103	A simple shear deformation theory for thermo-mechanical behaviour of functionally graded sandwich plates on elastic foundations. <i>Journal of Sandwich Structures and Materials</i> , 2015, 17, 99-129.	2.0	52
104	Nonlinear damping and forced vibration analysis of laminated composite beams. <i>Composites Part B: Engineering</i> , 2012, 43, 1147-1154.	5.9	50
105	Thermo-mechanical bending response with stretching effect of functionally graded sandwich plates using a novel shear deformation theory. <i>Steel and Composite Structures</i> , 2013, 15, 221-245.	1.3	49
106	Mechanical behavior and free vibration analysis of FG doubly curved shells on elastic foundation via a new modified displacements field model of 2D and quasi-3D HSDTs. <i>Thin-Walled Structures</i> , 2022, 172, 108783.	2.7	48
107	Thermal buckling of functionally graded sandwich plates using a new hyperbolic shear displacement model. <i>Steel and Composite Structures</i> , 2013, 15, 399-423.	1.3	47
108	A refined theory with stretching effect for the flexure analysis of laminated composite plates. <i>Geomechanics and Engineering</i> , 2016, 11, 671-690.	0.9	46

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109	Mathematical solution for bending of short hybrid composite beams with variable fibers spacing. <i>Applied Mathematics and Computation</i> , 2009, 212, 337-348.	1.4	45
110	On pre-stressed functionally graded anisotropic nanoshell in magnetic field. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	0.8	45
111	The role of spatial variation of the nonlocal parameter on the free vibration of functionally graded sandwich nanoplates. <i>Engineering With Computers</i> , 2022, 38, 4301-4319.	3.5	45
112	Effect of temperature on the hygrothermal behaviour of unidirectional laminated plates with asymmetrical environmental conditions. <i>Composite Structures</i> , 2006, 72, 383-392.	3.1	44
113	Comment on "Free transverse vibration of the fluid-conveying single-walled carbon nanotube using nonlocal elastic theory" [J. Appl. Phys. 103, 024302 (2008)]. <i>Journal of Applied Physics</i> , 2009, 105, 126105.	1.1	40
114	A Timoshenko beam model for vibration analysis of chiral single-walled carbon nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014, 59, 186-191.	1.3	40
115	Vibration Analysis of Nano Beam Using Differential Transform Method Including Thermal Effect. <i>Journal of Nano Research</i> , 0, 54, 1-14.	0.8	40
116	On vibration of functionally graded sandwich nanoplates in the thermal environment. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2217-2244.	2.0	40
117	Dynamic stability/instability simulation of the rotary size-dependent functionally graded microsystem. <i>Engineering With Computers</i> , 2022, 38, 4163-4179.	3.5	40
118	Nonlocal elasticity effect on vibration characteristics of protein microtubules. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010, 42, 2375-2379.	1.3	39
119	On the Thermal Buckling Characteristics of Armchair Single-Walled Carbon Nanotube Embedded in an Elastic Medium Based on Nonlocal Continuum Elasticity. <i>Brazilian Journal of Physics</i> , 2015, 45, 225-233.	0.7	38
120	A novel quasi-3D hyperbolic shear deformation theory for functionally graded thick rectangular plates on elastic foundation. <i>Geomechanics and Engineering</i> , 2017, 12, 9-34.	0.9	38
121	Thermal stresses and deflections of functionally graded sandwich plates using a new refined hyperbolic shear deformation theory. <i>Steel and Composite Structures</i> , 2015, 18, 1493-1515.	1.3	38
122	On the wave propagation of the multi-scale hybrid nanocomposite doubly curved viscoelastic panel. <i>Composite Structures</i> , 2021, 255, 112947.	3.1	36
123	A new trigonometric shear deformation theory for bending analysis of functionally graded plates resting on elastic foundations. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 1405-1414.	0.9	35
124	Free vibration analysis of thin and thick-walled FGM box beams. <i>International Journal of Mechanical Sciences</i> , 2013, 66, 273-282.	3.6	35
125	Buckling analysis of functionally graded hybrid composite plates using a new four variable refined plate theory. <i>Steel and Composite Structures</i> , 2012, 13, 91-107.	1.3	35
126	Buckling analysis of isotropic and orthotropic plates using a novel four variable refined plate theory. <i>Steel and Composite Structures</i> , 2016, 21, 1287-1306.	1.3	35

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127	An Analysis of Interfacial Stresses in Steel Beams Bonded With a Thin Composite Plate Under Thermomechanical Loading. <i>Mechanics of Composite Materials</i> , 2014, 49, 641-650.	0.9	34
128	Analysis of transverse cracking and stiffness loss in cross-ply laminates with hygrothermal conditions. <i>Computational Materials Science</i> , 2005, 32, 167-174.	1.4	33
129	Vibration and length-dependent flexural rigidity of protein microtubules using higher order shear deformation theory. <i>Journal of Theoretical Biology</i> , 2010, 266, 250-255.	0.8	33
130	A nonlocal Levinson beam model for free vibration analysis of zigzag single-walled carbon nanotubes including thermal effects. <i>Solid State Communications</i> , 2011, 151, 1467-1471.	0.9	33
131	Size dependent free vibration and buckling of multilayered carbon nanotubes reinforced composite nanoplates in thermal environment. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 1371-1399.	3.4	33
132	Thermal effects on the instabilities of porous FGM box beams. <i>Engineering Structures</i> , 2017, 134, 150-158.	2.6	32
133	A new first shear deformation beam theory based on neutral surface position for functionally graded beams. <i>Steel and Composite Structures</i> , 2013, 15, 467-479.	1.3	32
134	A nonlocal quasi-3D trigonometric plate model for free vibration behaviour of micro/nanoscale plates. <i>Structural Engineering and Mechanics</i> , 2015, 56, 223-240.	1.0	32
135	Analytical modelling of thermal residual stresses in exponential functionally graded material system. <i>Materials & Design</i> , 2010, 31, 560-563.	5.1	31
136	Sound wave propagation in zigzag double-walled carbon nanotubes embedded in an elastic medium using nonlocal elasticity theory. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2013, 48, 118-123.	1.3	29
137	Thermal Effect on Vibration Characteristics of Armchair and Zigzag Single-Walled Carbon Nanotubes Using Nonlocal Parabolic Beam Theory. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 266-272.	1.0	29
138	A higher order shear deformation theory for static and free vibration of FGM beam. <i>Steel and Composite Structures</i> , 2014, 16, 507-519.	1.3	29
139	Thermo-mechanical post-buckling behavior of thick functionally graded plates resting on elastic foundations. <i>Structural Engineering and Mechanics</i> , 2015, 56, 85-106.	1.0	29
140	Comment on "Vibration analysis of fluid-conveying double-walled carbon nanotubes based on nonlocal elastic theory". <i>Journal of Physics Condensed Matter</i> , 2009, 21, 448001.	0.7	28
141	Finite element analysis of initially damaged beams repaired with FRP plates. <i>Composite Structures</i> , 2015, 134, 429-439.	3.1	28
142	Buckling Analysis of Orthotropic Nanoscale Plates Resting on Elastic Foundations. <i>Journal of Nano Research</i> , 0, 55, 42-56.	0.8	28
143	Thermal effect on wave propagation in double-walled carbon nanotubes embedded in a polymer matrix using nonlocal elasticity. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 43, 1379-1386.	1.3	27
144	A simple shear deformation theory based on neutral surface position for functionally graded plates resting on Pasternak elastic foundations. <i>Structural Engineering and Mechanics</i> , 2015, 53, 1215-1240.	1.0	27

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145	Effect of the Chirality on Critical Buckling Temperature of Zigzag Single-walled Carbon Nanotubes Using the Nonlocal Continuum Theory. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 518-522.	1.0	27
146	Dynamic and stability analysis of functionally graded material sandwich plates in hygro-thermal environment using a simple higher shear deformation theory. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 814-851.	2.0	27
147	Nonlinear cylindrical bending of functionally graded carbon nanotube-reinforced composite plates. <i>Steel and Composite Structures</i> , 2012, 12, 491-504.	1.3	27
148	Transverse cracking and elastic properties reduction in hygrothermal aged cross-ply laminates. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2005, 396, 369-375.	2.6	26
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