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List of Publications by Year
in descending order

462	28,191	3933	11308
papers	citations	88	136
		h-index	g-index

467	467	467	7857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Static and free vibration analyses of carbon nanotube-reinforced composite plates using finite element method with first order shear deformation plate theory. Composite Structures, 2012, 94, 1450-1460.	5.8	588
2	Mechanical analysis of functionally graded carbon nanotube reinforced composites: A review. Composite Structures, 2015, 120, 90-97.	5.8	559
3	Application of nonlocal continuum mechanics to static analysis of micro- and nano-structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 363, 236-242.	2.1	430
4	Active control of FGM plates with integrated piezoelectric sensors and actuators. International Journal of Solids and Structures, 2001, 38, 1641-1655.	2.7	371
5	Nonlocal shell model for elastic wave propagation in single- and double-walled carbon nanotubes. Journal of the Mechanics and Physics of Solids, 2008, 56, 3475-3485.	4.8	369
6	On the study of elastic and plastic properties of multi-walled carbon nanotubes under axial tension using molecular dynamics simulation. Acta Materialia, 2004, 52, 2521-2527.	7.9	345
7	Buckling analysis of multi-walled carbon nanotubes: a continuum model accounting for van der Waals interaction. Journal of the Mechanics and Physics of Solids, 2005, 53, 303-326.	4.8	345
8	A review of meshless methods for laminated and functionally graded plates and shells. Composite Structures, 2011, 93, 2031-2041.	5.8	340
9	Free vibration analysis of functionally graded plates using the element-free kp-Ritz method. Journal of Sound and Vibration, 2009, 319, 918-939.	3.9	323
10	Buckling analysis of functionally graded carbon nanotube-reinforced composite plates using the element-free kp-Ritz method. Composite Structures, 2013, 98, 160-168.	5.8	294
11	A Swarm Metaphor for Multiobjective Design Optimization. Engineering Optimization, 2002, 34, 141-153.	2.6	286
12	Postbuckling of piezoelectric FGM plates subject to thermo-electro-mechanical loading. International Journal of Solids and Structures, 2003, 40, 3869-3892.	2.7	266
13	Static and dynamic of carbon nanotube reinforced functionally graded cylindrical panels. Composite Structures, 2014, 111, 205-212.	5.8	264
14	Dynamic stability analysis of functionally graded cylindrical shells under periodic axial loading. International Journal of Solids and Structures, 2001, 38, 1295-1309.	2.7	242
15	Green concrete: Prospects and challenges. Construction and Building Materials, 2017, 156, 1063-1095.	7.2	241
16	Mechanical and thermal buckling analysis of functionally graded plates. Composite Structures, 2009, 90, 161-171.	5.8	235
17	Free vibration analysis of functionally graded carbon nanotube-reinforced composite plates using the element-free kp-Ritz method in thermal environment. Composite Structures, 2013, 106, 128-138.	5.8	235
18	Analysis of the thermal stress behaviour of functionally graded hollow circular cylinders. International Journal of Solids and Structures, 2003, 40, 2355-2380.	2.7	230

#	ARTICLE	IF	CITATIONS
19	Free vibration analysis of functionally graded carbon nanotube-reinforced composite triangular plates using the FSDT and element-free IMLS-Ritz method. Composite Structures, 2015, 120, 189-199.	5.8	217
20	Research on thick plate vibration: a literature survey. Journal of Sound and Vibration, 1995, 180, 163-176.	3.9	214
21	Carbon nanotube reinforced cementitious composites: An overview. Composites Part A: Applied Science and Manufacturing, 2016, 91, 301-323.	7.6	214
22	Postbuckling of carbon nanotube-reinforced functionally graded cylindrical panels under axial compression using a meshless approach. Computer Methods in Applied Mechanics and Engineering, 2014, 268, 1-17.	6.6	212
23	Vibration analysis of symmetrically laminated plates based on FSDT using the moving least squares differential quadrature method. Computer Methods in Applied Mechanics and Engineering, 2003, 192, 2203-2222.	6.6	206
24	Predicting nanovibration of multi-layered graphene sheets embedded in an elastic matrix. Acta Materialia, 2006, 54, 4229-4236.	7.9	201
25	Free vibration analysis of laminated FG-CNT reinforced composite rectangular plates using the kp-Ritz method. Composite Structures, 2015, 127, 245-259.	5.8	201
26	Mechanical design and optimization of capacitive micromachined switch. Sensors and Actuators A: Physical, 2001, 93, 273-285.	4.1	198
27	Isogeometric analysis of functionally graded carbon nanotube-reinforced composite plates using higher-order shear deformation theory. Composite Structures, 2015, 123, 137-149.	5.8	191
28	Dynamic stability analysis of carbon nanotube-reinforced functionally graded cylindrical panels using the element-free kp-Ritz method. Composite Structures, 2014, 113, 328-338.	5.8	187
29	Thermal buckling of functionally graded plates using a local Kriging meshless method. Composite Structures, 2014, 108, 472-492.	5.8	184
30	Buckling analysis of FG-CNT reinforced composite thick skew plates using an element-free approach. Composites Part B: Engineering, 2015, 75, 36-46.	12.0	182
31	An overview of layerwise theories for composite laminates and structures: Development, numerical implementation and application. Composite Structures, 2019, 216, 240-259.	5.8	182
32	The recent progress of recycled steel fiber reinforced concrete. Construction and Building Materials, 2020, 232, 117232.	7.2	170
33	Large deflection geometrically nonlinear analysis of carbon nanotube-reinforced functionally graded cylindrical panels. Computer Methods in Applied Mechanics and Engineering, 2014, 273, 1-18.	6.6	162
34	Free vibration analysis of conical shells via the element-free kp-Ritz method. Journal of Sound and Vibration, 2005, 281, 627-645.	3.9	157
35	Harmonic reproducing kernel particle method for free vibration analysis of rotating cylindrical shells. Computer Methods in Applied Mechanics and Engineering, 2002, 191, 4141-4157.	6.6	153
36	Geometrically nonlinear thermomechanical analysis of moderately thick functionally graded plates using a local Petrovâ€"Galerkin approach with moving Kriging interpolation. Composite Structures, 2014, 107, 298-314.	5.8	153

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37	Large amplitude vibration of thermo-electro-mechanically stressed FGM laminated plates. Computer Methods in Applied Mechanics and Engineering, 2003, 192, 3861-3885.	6.6	152
38	Vibration analysis of functionally graded carbon nanotube reinforced composite thick plates with elastically restrained edges. International Journal of Mechanical Sciences, 2015, 103, 9-21.	6.7	152
39	Transverse vibration of thick rectangular platesâ€"I. Comprehensive sets of boundary conditions. Computers and Structures, 1993, 49, 1-29.	4.4	150
40	Vibration characteristic of moderately thick functionally graded carbon nanotube reinforced composite skew plates. Composite Structures, 2015, 122, 172-183.	5.8	149
41	Free vibration and buckling analyses of shear-deformable plates based on FSDT meshfree method. Journal of Sound and Vibration, 2004, 276, 997-1017.	3.9	143
42	Free vibration analysis of functionally graded conical shell panels by a meshless method. Composite Structures, 2011, 93, 649-664.	5.8	141
43	Large deflection analysis of functionally graded carbon nanotube-reinforced composite plates by the element-free kp-Ritz method. Computer Methods in Applied Mechanics and Engineering, 2013, 256, 189-199.	6.6	141
44	A continuum three-dimensional vibration analysis of thick rectangular plates. International Journal of Solids and Structures, 1993, 30, 3357-3379.	2.7	140
45	Postbuckling of carbon nanotube reinforced functionally graded plates with edges elastically restrained against translation and rotation under axial compression. Computer Methods in Applied Mechanics and Engineering, 2016, 298, 1-28.	6.6	139
46	Thermo-mechanical post-buckling of FGM cylindrical panels with temperature-dependent properties. International Journal of Solids and Structures, 2006, 43, 307-324.	2.7	138
47	Differential quadrature method for Mindlin plates on Winkler foundations. International Journal of Mechanical Sciences, 1996, 38, 405-421.	6.7	137
48	Semi-analytical solution for nonlinear vibration of laminated FGM plates with geometric imperfections. International Journal of Solids and Structures, 2004, 41, 2235-2257.	2.7	136
49	Nonlinear bending analysis of FG-CNT reinforced composite thick plates resting on Pasternak foundations using the element-free IMLS-Ritz method. Composite Structures, 2015, 128, 165-175.	5.8	129
50	Application of two-dimensional orthogonal plate function to flexural vibration of skew plates. Journal of Sound and Vibration, 1990, 139, 241-252.	3.9	128
51	SOLVING THE VIBRATION OF THICK SYMMETRIC LAMINATES BY REISSNER/MINDLIN PLATE THEORY AND THEp-RITZ METHOD. Journal of Sound and Vibration, 1996, 198, 343-360.	3.9	127
52	Thermomechanical postbuckling analysis of moderately thick functionally graded plates and shallow shells. International Journal of Mechanical Sciences, 2005, 47, 1147-1171.	6.7	126
53	Thermoelastic analysis of functionally graded carbon nanotube-reinforced composite plate using theory of elasticity. Composite Structures, 2013, 106, 873-881.	5.8	126
54	Second-order statistics of the elastic buckling of functionally graded rectangular plates. Composites Science and Technology, 2005, 65, 1165-1175.	7.8	125

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55	Non-linear dynamic stability of piezoelectric functionally graded carbon nanotube-reinforced composite plates with initial geometric imperfection. International Journal of Non-Linear Mechanics, 2014, 59, 37-51.	2.6	125
56	Analysis of laminated CNT reinforced functionally graded plates using the element-free kp-Ritz method. Composites Part B: Engineering, 2016, 84, 211-221.	12.0	125
57	Random vibration of the functionally graded laminates in thermal environments. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 1075-1095.	6.6	123
58	Energy harvesting from ocean waves by a floating energy harvester. Energy, 2016, 112, 1219-1226.	8.8	122
59	Effective utilization and recycling of mixed recycled aggregates for a greener environment. Journal of Cleaner Production, 2019, 236, 117600.	9.3	120
60	Vibration Of Thick Skew Plates Based On Mindlin Shear Deformation Plate Theory. Journal of Sound and Vibration, 1993, 168, 39-69.	3.9	119
61	Analyzing 2D fracture problems with the improved element-free Galerkin method. Engineering Analysis With Boundary Elements, 2008, 32, 241-250.	3.7	111
62	Thermoelastic and vibration analysis of functionally graded cylindrical shells. International Journal of Mechanical Sciences, 2009, 51, 694-707.	6.7	110
63	Axisymmetric free vibration of thick annular plates. International Journal of Mechanical Sciences, 1999, 41, 1089-1109.	6.7	108
64	pb-2 Rayleigh - Ritz method for general plate analysis. Engineering Structures, 1993, 15, 55-60.	5.3	107
65	VIBRATION ANALYSIS OF CIRCULAR MINDLIN PLATES USING THE DIFFERENTIAL QUADRATURE METHOD. Journal of Sound and Vibration, 1997, 205, 617-630.	3.9	107
66	Computation of aerothermoelastic properties and active flutter control of CNT reinforced functionally graded composite panels in supersonic airflow. Computer Methods in Applied Mechanics and Engineering, 2016, 300, 427-441.	6.6	106
67	Stochastic analysis of compositionally graded plates with system randomness under static loading. International Journal of Mechanical Sciences, 2005, 47, 1519-1541.	6.7	105
68	Vibration analysis of CNT-reinforced functionally graded composite cylindrical shells in thermal environments. International Journal of Mechanical Sciences, 2016, 115-116, 339-347.	6.7	104
69	An element-free IMLS-Ritz framework for buckling analysis of FGâ€"CNT reinforced composite thick plates resting on Winkler foundations. Engineering Analysis With Boundary Elements, 2015, 58, 7-17.	3.7	103
70	Mesh-free radial basis function method for buckling analysis of non-uniformly loaded arbitrarily shaped shear deformable plates. Computer Methods in Applied Mechanics and Engineering, 2004, 193, 205-224.	6.6	102
71	Nonlinear vibration of a coating-FGM-substrate cylindrical panel subjected to a temperature gradient. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 1007-1026.	6.6	102
72	Geometrically nonlinear analysis of functionally graded shells. International Journal of Mechanical Sciences, 2009, 51, 131-144.	6.7	102

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73	State-space Levy method for vibration analysis of FG-CNT composite plates subjected to in-plane loads based on higher-order shear deformation theory. Composite Structures, 2015, 134, 989-1003.	5.8	102
74	Computation of vibration solution for functionally graded carbon nanotube-reinforced composite thick plates resting on elastic foundations using the element-free IMLS-Ritz method. Applied Mathematics and Computation, 2015, 256, 488-504.	2.2	100
75	Analysis of wave propagation in carbon nanotubes via elastic shell theories. International Journal of Engineering Science, 2007, 45, 227-241.	5.0	99
76	Large deflection analysis of FG-CNT reinforced composite skew plates resting on Pasternak foundations using an element-free approach. Composite Structures, 2015, 132, 974-983.	5.8	99
77	Meshfree method for large deformation analysis—a reproducing kernel particle approach. Engineering Structures, 2002, 24, 543-551.	5.3	98
78	The improved element-free Galerkin method for two-dimensional elastodynamics problems. Engineering Analysis With Boundary Elements, 2013, 37, 1576-1584.	3.7	98
79	Free vibration analysis of rectangular plates using orthogonal plate function. Computers and Structures, 1990, 34, 79-85.	4.4	97
80	Geometrically nonlinear analysis of functionally graded plates using the element-free kp-Ritz method. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 2796-2811.	6.6	97
81	Molecular mechanics modeling of carbon nanotube fracture. Carbon, 2007, 45, 1769-1776.	10.3	96
82	The buckling of single-walled carbon nanotubes upon bending: The higher order gradient continuum and mesh-free method. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 3001-3013.	6.6	96
83	A pb-2 Ritz Formulation for Flexural Vibration of Shallow Cylindrical Shells of Rectangular Planform. Journal of Sound and Vibration, 1994, 173, 343-375.	3.9	95
84	A solution method for analysis of cracked plates under vibration. Engineering Fracture Mechanics, 1994, 48, 393-404.	4.3	94
85	Buckling and free vibration analyses of stiffened plates using the FSDT mesh-free method. Journal of Sound and Vibration, 2006, 289, 421-449.	3.9	94
86	Mechanical and damping properties of CNT-reinforced cementitious composites. Composite Structures, 2017, 160, 81-88.	5.8	94
87	Analysis of stiffened corrugated plates based on the FSDT via the mesh-free method. International Journal of Mechanical Sciences, 2007, 49, 364-378.	6.7	93
88	Modeling of dynamic responses of CNT-reinforced composite cylindrical shells under impact loads. Computer Methods in Applied Mechanics and Engineering, 2017, 313, 889-903.	6.6	93
89	Free vibration analysis of moderately thick functionally graded plates by local Kriging meshless method. Composite Structures, 2011, 93, 2925-2944.	5.8	92
90	An improved element-free Galerkin method for numerical modeling of the biological population problems. Engineering Analysis With Boundary Elements, 2014, 40, 181-188.	3.7	92

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91	Postbuckling analysis of axially compressed CNT reinforced functionally graded composite plates resting on Pasternak foundations using an element-free approach. Composite Structures, 2016, 138, 40-51.	5.8	92
92	Modeling of van der Waals force for infinitesimal deformation of multi-walled carbon nanotubes treated as cylindrical shells. International Journal of Solids and Structures, 2005, 42, 6032-6047.	2.7	90
93	Geometrically nonlinear large deformation analysis of functionally graded carbon nanotube reinforced composite straight-sided quadrilateral plates. Computer Methods in Applied Mechanics and Engineering, 2015, 295, 219-239.	6.6	90
94	Assessing recycling potential of carbon fiber reinforced plastic waste in production of eco-efficient cement-based materials. Journal of Cleaner Production, 2020, 274, 123001.	9.3	90
95	Analysis of rectangular laminated composite plates via FSDT meshless method. International Journal of Mechanical Sciences, 2002, 44, 1275-1293.	6.7	89
96	Finite element method for the feedback control of FGM shells in the frequency domain via piezoelectric sensors and actuators. Computer Methods in Applied Mechanics and Engineering, 2004, 193, 257-273.	6.6	88
97	Optimal shape control of CNT reinforced functionally graded composite plates using piezoelectric patches. Composites Part B: Engineering, 2016, 85, 140-149.	12.0	87
98	Fabrication of LDH nanosheets on Î²-FeOOH rods and applications for improving the fire safety of epoxy resin. Composites Part A: Applied Science and Manufacturing, 2016, 80, 259-269.	7.6	85
99	Graphene and graphene oxide in calcium silicate hydrates: Chemical reactions, mechanical behavior and interfacial sliding. Carbon, 2019, 146, 181-193.	10.3	85
100	Elastodynamic analysis of carbon nanotube-reinforced functionally graded plates. International Journal of Mechanical Sciences, 2015, 99, 208-217.	6.7	84
101	Buckling analysis of CNT reinforced functionally graded laminated composite plates. Composite Structures, 2016, 152, 62-73.	5.8	81
102	DIFFERENTIAL QUADRATURE METHOD FOR VIBRATION ANALYSIS OF SHEAR DEFORMABLE ANNULAR SECTOR PLATES. Journal of Sound and Vibration, 2000, 230, 335-356.	3.9	80
103	Nonlinear analysis of corrugated plates using a FSDT and a meshfree method. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 2358-2376.	6.6	80
104	Active vibration control of functionally graded graphene nanoplatelets reinforced composite plates integrated with piezoelectric layers. Thin-Walled Structures, 2019, 145, 106372.	5.3	80
105	Vibration of pretwisted cantilever shallow conical shells. International Journal of Solids and Structures, 1994, 31, 2463-2476.	2.7	78
106	Wave propagation in graphene sheets with nonlocal elastic theory via finite element formulation. Computer Methods in Applied Mechanics and Engineering, 2012, 223-224, 1-9.	6.6	78
107	Vibration analysis of CNT reinforced functionally graded composite plates in a thermal environment based on Reddyâ€™s higher-order shear deformation theory. Composite Structures, 2016, 156, 276-290.	5.8	78
108	Differential quadrature method for thick symmetric cross-ply laminates with first-order shear flexibility. International Journal of Solids and Structures, 1996, 33, 2647-2658.	2.7	77

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109	THREE-DIMENSIONAL VIBRATION ANALYSIS OF RECTANGULAR PLATES BASED ON DIFFERENTIAL QUADRATURE METHOD. Journal of Sound and Vibration, 1999, 220, 577-599.	3.9	77
110	Transverse vibration of symmetrically laminated rectangular composite plates. Composite Structures, 1992, 20, 213-226.	5.8	76
111	Bending and buckling of thick symmetric rectangular laminates using the moving least-squares differential quadrature method. International Journal of Mechanical Sciences, 2003, 45, 95-114.	6.7	74
112	Free vibration analysis of triangular CNT-reinforced composite plates subjected to in-plane stresses using FSDT element-free method. Composite Structures, 2016, 149, 247-260.	5.8	73
113	Vibrations of rotating cross-ply laminated circular cylindrical shells with stringer and ring stiffeners. International Journal of Solids and Structures, 2002, 39, 529-545.	2.7	72
114	Synthesis of MnO 2 nanoparticles with different morphologies and application for improving the fire safety of epoxy. Composites Part A: Applied Science and Manufacturing, 2017, 95, 173-182.	7.6	72
115	Numerical differential quadrature method for Reissner/Mindlin plates on two-parameter foundations. International Journal of Mechanical Sciences, 1997, 39, 977-989.	6.7	71
116	An improved moving least-squares Ritz method for two-dimensional elasticity problems. Applied Mathematics and Computation, 2014, 246, 268-282.	2.2	71
117	An element-free computational framework for elastodynamic problems based on the IMLS-Ritz method. Engineering Analysis With Boundary Elements, 2015, 54, 39-46.	3.7	71
118	Active vibration control of FGM plates with piezoelectric layers based on Reddy's higher-order shear deformation theory. Composite Structures, 2016, 155, 118-134.	5.8	70
119	A Rayleigh-Ritz approach to transverse vibration of isotropic and anisotropic trapezoidal plates using orthogonal plate functions. International Journal of Solids and Structures, 1991, 27, 189-203.	2.7	69
120	Vibration of mindlin plates using boundary characteristic orthogonal polynomials. Journal of Sound and Vibration, 1995, 182, 77-90.	3.9	69
121	Effects of FGM materials on the parametric resonance of plate structures. Computer Methods in Applied Mechanics and Engineering, 2000, 190, 953-962.	6.6	69
122	Imperfection sensitivity of the post-buckling behavior of higher-order shear deformable functionally graded plates. International Journal of Solids and Structures, 2006, 43, 5247-5266.	2.7	69
123	Buckling of rectangular Mindlin plates subjected to partial in-plane edge loads using the radial point interpolation method. International Journal of Solids and Structures, 2004, 41, 1677-1695.	2.7	68
124	Free vibration analysis of sandwich cylindrical panel with functionally graded core using three-dimensional theory of elasticity. Composite Structures, 2014, 113, 23-30.	5.8	68
125	Buckling of rectangular mindlin plates with internal line supports. International Journal of Solids and Structures, 1993, 30, 1-17.	2.7	67
126	Three-dimensional vibration of rectangular plates: Effects of thickness and edge constraints. Journal of Sound and Vibration, 1995, 182, 709-727.	3.9	67

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127	Analytical buckling solutions for mindlin plates involving free edges. International Journal of Mechanical Sciences, 1996, 38, 1127-1138.	6.7	67
128	State of hydrogen molecules confined in C60 fullerene and carbon nanocapsule structures. Carbon, 2006, 44, 397-406.	10.3	67
129	Postbuckling analysis of bi-axially compressed laminated nanocomposite plates using the first-order shear deformation theory. Composite Structures, 2016, 152, 418-431.	5.8	66
130	Vibration analysis of corrugated Reissner–Mindlin plates using a mesh-free Galerkin method. International Journal of Mechanical Sciences, 2009, 51, 642-652.	6.7	65
131	Complex variable boundary element-free method for two-dimensional elastodynamic problems. Computer Methods in Applied Mechanics and Engineering, 2009, 198, 3925-3933.	6.6	65
132	Postbuckling responses of functionally graded cylindrical shells under axial compression and thermal loads. Composites Part B: Engineering, 2012, 43, 1621-1630.	12.0	65
133	Vibration analysis of CNT-reinforced functionally graded rotating cylindrical panels using the element-free kp-Ritz method. Composites Part B: Engineering, 2015, 77, 291-303.	12.0	65
134	A higher order theory for vibration of shear deformable cylindrical shallow shells. International Journal of Mechanical Sciences, 1995, 37, 277-295.	6.7	64
135	Three-dimensional elasticity solutions for free vibrations of circular plates: A polynomials-Ritz analysis. Computer Methods in Applied Mechanics and Engineering, 1999, 175, 189-201.	6.6	64
136	Effects of vacancy defect reconstruction on the elastic properties of carbon nanotubes. Carbon, 2009, 47, 1526-1533.	10.3	64
137	Data-driven machine learning approach for exploring and assessing mechanical properties of carbon nanotube-reinforced cement composites. Composite Structures, 2021, 267, 113917.	5.8	64
138	Differential quadrature element method: a new approach for free vibration analysis of polar Mindlin plates having discontinuities. Computer Methods in Applied Mechanics and Engineering, 1999, 179, 407-423.	6.6	63
139	Coupling of the improved element-free Galerkin and boundary element methods for two-dimensional elasticity problems. Engineering Analysis With Boundary Elements, 2008, 32, 100-107.	3.7	63
140	Buckling and vibration analysis of isotropic and laminated plates by radial basis functions. Composites Part B: Engineering, 2011, 42, 592-606.	12.0	63
141	Active vibration control of CNT reinforced functionally graded plates based on a higher-order shear deformation theory. International Journal of Mechanical Sciences, 2016, 105, 90-101.	6.7	63
142	An eight-node curvilinear differential quadrature formulation for Reissner/Mindlin plates. Computer Methods in Applied Mechanics and Engineering, 1997, 141, 265-280.	6.6	62
143	Modeling via differential quadrature method: Three-dimensional solutions for rectangular plates. Computer Methods in Applied Mechanics and Engineering, 1998, 159, 369-381.	6.6	62
144	Three-dimensional static solutions of rectangular plates by variant differential quadrature method. International Journal of Mechanical Sciences, 2001, 43, 1611-1628.	6.7	62

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145	Three-dimensional vibration analysis of spherical shell panels subjected to different boundary conditions. International Journal of Mechanical Sciences, 2002, 44, 2103-2117.	6.7	62
146	Improved element-free Galerkin method for two-dimensional potential problems. Engineering Analysis With Boundary Elements, 2009, 33, 547-554.	3.7	62
147	Buckling of FG-CNT reinforced composite thick skew plates resting on Pasternak foundations based on an element-free approach. Applied Mathematics and Computation, 2015, 266, 773-791.	2.2	61
148	Active vibration control of CNT-reinforced composite cylindrical shells via piezoelectric patches. Composite Structures, 2016, 158, 92-100.	5.8	61
149	Vibration analysis of quadrilateral graphene sheets subjected to an in-plane magnetic field based on nonlocal elasticity theory. Composites Part B: Engineering, 2017, 118, 96-103.	12.0	61
150	Mechanical properties of diamond nanothread reinforced polymer composites. Carbon, 2018, 132, 232-240.	10.3	61
151	ANALYSIS OF VIBRATING THICK RECTANGULAR PLATES WITH MIXED BOUNDARY CONSTRAINTS USING DIFFERENTIAL QUADRATURE ELEMENT METHOD. Journal of Sound and Vibration, 1999, 225, 915-934.	3.9	59
152	Vibration analysis of laminated composite cylindrical panels via a meshfree approach. International Journal of Solids and Structures, 2003, 40, 161-180.	2.7	59
153	Synthesis and characterization of MnO2 nanosheets based multilayer coating and applications as a flame retardant for flexible polyurethane foam. Composites Science and Technology, 2016, 123, 212-221.	7.8	59
154	Vibratory behaviour of shallow conical shells by a global Ritz formulation. Engineering Structures, 1995, 17, 63-70.	5.3	58
155	Microstructure and mechanical performance of graphene reinforced cementitious composites. Composites Part A: Applied Science and Manufacturing, 2018, 114, 188-195.	7.6	58
156	Modeling microfracture evolution in heterogeneous composites: A coupled cohesive phase-field model. Journal of the Mechanics and Physics of Solids, 2020, 142, 103968.	4.8	58
157	Analysis of the free vibration of rectangular plates with central cut-outs using the discrete Ritz method. International Journal of Mechanical Sciences, 2003, 45, 941-959.	6.7	56
158	Elastodynamic analysis of quadrilateral CNT-reinforced functionally graded composite plates using FSDT element-free method. Composite Structures, 2016, 148, 144-154.	5.8	56
159	Utilizing recycled aggregate concrete in sustainable construction for a required compressive strength ratio. Journal of Cleaner Production, 2020, 276, 124249.	9.3	56
160	Multicriteria performance evaluation of fiber-reinforced cement composites: An environmental perspective. Composites Part B: Engineering, 2021, 218, 108937.	12.0	56
161	Free vibration analysis of Mindlin sector plates: Numerical solutions by differential quadrature method. Computer Methods in Applied Mechanics and Engineering, 1999, 177, 77-92.	6.6	55
162	An element-free IMLS-Ritz method for numerical solution of three-dimensional wave equations. Computer Methods in Applied Mechanics and Engineering, 2015, 297, 116-139.	6.6	55

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163	Geometrically nonlinear large deformation analysis of triangular CNT-reinforced composite plates. International Journal of Non-Linear Mechanics, 2016, 86, 122-132.	2.6	55
164	Vibration and Buckling of Super Elliptical Plates. Journal of Sound and Vibration, 1994, 171, 301-314.	3.9	54
165	Analyzing the 2D fracture problems via the enriched boundary element-free method. International Journal of Solids and Structures, 2007, 44, 4220-4233.	2.7	54
166	Dynamic responses of CNT reinforced composite plates subjected to impact loading. Composites Part B: Engineering, 2016, 99, 154-161.	12.0	54
167	Carbon nanotube-geopolymer nanocomposites: A molecular dynamics study of the influence of interfacial chemical bonding upon the structural and mechanical properties. Carbon, 2020, 161, 772-783.	10.3	54
168	VIBRATION ANALYSIS OF RECTANGULAR MINDLIN PLATES RESTING ON ELASTIC EDGE SUPPORTS. Journal of Sound and Vibration, 1997, 204, 1-16.	3.9	53
169	Nonlinear analysis of laminated composite plates using the mesh-free kp-Ritz method based on FSDT. Computer Methods in Applied Mechanics and Engineering, 2004, 193, 4763-4779.	6.6	53
170	Evaluation of microstructure and mechanical performance of CNT-reinforced cementitious composites at elevated temperatures. Composites Part A: Applied Science and Manufacturing, 2017, 95, 286-293.	7.6	53
171	Dynamic stability of rotating cylindrical shells subjected to periodic axial loads. International Journal of Solids and Structures, 2006, 43, 7553-7570.	2.7	52
172	The element-free -Ritz method for free vibration analysis of conical shell panels. Journal of Sound and Vibration, 2006, 295, 906-922.	3.9	52
173	An improved complex variable element-free Galerkin method for two-dimensional large deformation elastoplasticity problems. Computer Methods in Applied Mechanics and Engineering, 2014, 269, 72-86.	6.6	52
174	Elasticity solutions for free vibrations of annular plates from three-dimensional analysis. International Journal of Solids and Structures, 2000, 37, 7689-7702.	2.7	51
175	Free vibration of two-side simply-supported laminated cylindrical panels via the mesh-free kp-Ritz method. International Journal of Mechanical Sciences, 2004, 46, 123-142.	6.7	51
176	Active vibration control of CNT-reinforced composite plates with piezoelectric layers based on Reddyâ€™s higher-order shear deformation theory. Composite Structures, 2017, 163, 350-364.	5.8	51
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