

S Kitipornchai

List of Publications by Year in descending order

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215
papers

11,142
citations

23567

58
h-index

37204

96
g-index

215
all docs

215
docs citations

215
times ranked

3459
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastic buckling and static bending of shear deformable functionally graded porous beam. <i>Composite Structures</i> , 2015, 133, 54-61.	5.8	357
2	Buckling analysis of micro- and nano-rods/tubes based on nonlocal Timoshenko beam theory. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 3904-3909.	2.8	348
3	Buckling analysis of multi-walled carbon nanotubes: a continuum model accounting for van der Waals interaction. <i>Journal of the Mechanics and Physics of Solids</i> , 2005, 53, 303-326.	4.8	345
4	Axisymmetric bending of functionally graded circular and annular plates. <i>European Journal of Mechanics, A/Solids</i> , 1999, 18, 185-199.	3.7	318
5	Postbuckling of piezoelectric FGM plates subject to thermo-electro-mechanical loading. <i>International Journal of Solids and Structures</i> , 2003, 40, 3869-3892.	2.7	266
6	Nonlinear free vibration of single-walled carbon nanotubes using nonlocal Timoshenko beam theory. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010, 42, 1727-1735.	2.7	259
7	Continuum model for the vibration of multilayered graphene sheets. <i>Physical Review B</i> , 2005, 72, .	3.2	255
8	Analysis of the thermal stress behaviour of functionally graded hollow circular cylinders. <i>International Journal of Solids and Structures</i> , 2003, 40, 2355-2380.	2.7	230
9	Nonlinear free vibration of embedded double-walled carbon nanotubes based on nonlocal Timoshenko beam theory. <i>Computational Materials Science</i> , 2009, 47, 409-417.	3.0	224
10	Research on thick plate vibration: a literature survey. <i>Journal of Sound and Vibration</i> , 1995, 180, 163-176.	3.9	214
11	Predicting nanovibration of multi-layered graphene sheets embedded in an elastic matrix. <i>Acta Materialia</i> , 2006, 54, 4229-4236.	7.9	201
12	Resonance analysis of multi-layered graphene sheets used as nanoscale resonators. <i>Nanotechnology</i> , 2005, 16, 2086-2091.	2.6	184
13	Nonlinear vibration of edge cracked functionally graded Timoshenko beams. <i>Journal of Sound and Vibration</i> , 2009, 324, 962-982.	3.9	166
14	Vibration of Shallow Shells: A Review With Bibliography. <i>Applied Mechanics Reviews</i> , 1997, 50, 431-444.	10.1	164
15	Beam Bending Solutions Based on Nonlocal Timoshenko Beam Theory. <i>Journal of Engineering Mechanics - ASCE</i> , 2008, 134, 475-481.	2.9	158
16	Boundary element-free method (BEFM) and its application to two-dimensional elasticity problems. <i>International Journal for Numerical Methods in Engineering</i> , 2006, 65, 1310-1332.	2.8	157
17	Large amplitude vibration of thermo-electro-mechanically stressed FGM laminated plates. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2003, 192, 3861-3885.	6.6	152
18	Transverse vibration of thick rectangular plates with comprehensive sets of boundary conditions. <i>Computers and Structures</i> , 1993, 49, 1-29.	4.4	150

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19	Thermo-mechanical post-buckling of FGM cylindrical panels with temperature-dependent properties. <i>International Journal of Solids and Structures</i> , 2006, 43, 307-324.	2.7	138
20	Semi-analytical solution for nonlinear vibration of laminated FGM plates with geometric imperfections. <i>International Journal of Solids and Structures</i> , 2004, 41, 2235-2257.	2.7	136
21	Nonlinear vibration of functionally graded carbon nanotube-reinforced composite beams with geometric imperfections. <i>Composites Part B: Engineering</i> , 2016, 90, 86-96.	12.0	132
22	Second-order statistics of the elastic buckling of functionally graded rectangular plates. <i>Composites Science and Technology</i> , 2005, 65, 1165-1175.	7.8	125
23	Random vibration of the functionally graded laminates in thermal environments. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2006, 195, 1075-1095.	6.6	123
24	Vibration Of Thick Skew Plates Based On Mindlin Shear Deformation Plate Theory. <i>Journal of Sound and Vibration</i> , 1993, 168, 39-69.	3.9	119
25	Failure analysis of transmission towers. <i>Engineering Failure Analysis</i> , 2009, 16, 1922-1928.	4.0	114
26	Buckling of thick skew plates. <i>International Journal for Numerical Methods in Engineering</i> , 1993, 36, 1299-1310.	2.8	113
27	Buckling and bending analyses of a novel functionally graded porous plate using Chebyshev-Ritz method. <i>Archives of Civil and Mechanical Engineering</i> , 2019, 19, 157-170.	3.8	110
28	Thermal Post-Buckling of Laminated Plates Comprising Functionally Graded Materials With Temperature-Dependent Properties. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004, 71, 839-850.	2.2	109
29	Stochastic analysis of compositionally graded plates with system randomness under static loading. <i>International Journal of Mechanical Sciences</i> , 2005, 47, 1519-1541.	6.7	105
30	Exact vibration solution for initially stressed Mindlin plates on Pasternak foundations. <i>International Journal of Mechanical Sciences</i> , 1994, 36, 311-316.	6.7	102
31	Thermoelastic analysis of functionally graded graphene reinforced rectangular plates based on 3D elasticity. <i>Meccanica</i> , 2017, 52, 2275-2292.	2.0	99
32	Buckling and free vibration analyses of stiffened plates using the FSDT mesh-free method. <i>Journal of Sound and Vibration</i> , 2006, 289, 421-449.	3.9	94
33	Pull-in instability of nano-switches using nonlocal elasticity theory. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 035103.	2.8	94
34	Pull-in instability of geometrically nonlinear micro-switches under electrostatic and Casimir forces. <i>Acta Mechanica</i> , 2011, 218, 161-174.	2.1	94
35	Boundary element-free method (BEFM) for two-dimensional elastodynamic analysis using Laplace transform. <i>International Journal for Numerical Methods in Engineering</i> , 2005, 64, 1610-1627.	2.8	93
36	Analysis of stiffened corrugated plates based on the FSDT via the mesh-free method. <i>International Journal of Mechanical Sciences</i> , 2007, 49, 364-378.	6.7	93

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37	Active control of FGM shells subjected to a temperature gradient via piezoelectric sensor/actuator patches. <i>International Journal for Numerical Methods in Engineering</i> , 2002, 55, 653-668.	2.8	92
38	Non-linear analysis of the thermo-electro-mechanical behaviour of shear deformable FGM plates with piezoelectric actuators. <i>International Journal for Numerical Methods in Engineering</i> , 2004, 59, 1605-1632.	2.8	90
39	Geometric nonlinear analysis of asymmetric thin-walled beam-columns. <i>Engineering Structures</i> , 1987, 9, 243-254.	5.3	88
40	Finite element method for the feedback control of FGM shells in the frequency domain via piezoelectric sensors and actuators. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2004, 193, 257-273.	6.6	88
41	Nonlinear analysis of corrugated plates using a FSDT and a meshfree method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2007, 196, 2358-2376.	6.6	80
42	Axisymmetric nonlinear free vibration of size-dependent functionally graded annular microplates. <i>Composites Part B: Engineering</i> , 2013, 53, 207-217.	12.0	80
43	Complex variable moving least-squares method: a meshless approximation technique. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 70, 46-70.	2.8	79
44	Numerical simulation of structural behaviour of transmission towers. <i>Thin-Walled Structures</i> , 2003, 41, 167-177.	5.3	73
45	Influence of imperfect interfaces on bending and vibration of laminated composite shells. <i>International Journal of Solids and Structures</i> , 2000, 37, 2127-2150.	2.7	71
46	Dynamic stability of laminated FGM plates based on higher-order shear deformation theory. <i>Computational Mechanics</i> , 2004, 33, 305-315.	4.0	70
47	Nonlinear analysis of transmission towers. <i>Engineering Structures</i> , 1992, 14, 139-151.	5.3	69
48	Effect of Bolt Slippage on Ultimate Behavior of Lattice Structures. <i>Journal of Structural Engineering</i> , 1994, 120, 2281-2287.	3.4	69
49	Imperfection sensitivity of the post-buckling behavior of higher-order shear deformable functionally graded plates. <i>International Journal of Solids and Structures</i> , 2006, 43, 5247-5266.	2.7	69
50	Three-dimensional asymptotic approach to inhomogeneous and laminated piezoelectric plates. <i>International Journal of Solids and Structures</i> , 2000, 37, 3153-3175.	2.7	68
51	Buckling and post-buckling of size-dependent piezoelectric Timoshenko nanobeams subject to thermo-electro-mechanical loadings. <i>International Journal of Structural Stability and Dynamics</i> , 2014, 14, 1350067.	2.4	68
52	Buckling of rectangular mindlin plates with internal line supports. <i>International Journal of Solids and Structures</i> , 1993, 30, 1-17.	2.7	67
53	Analytical buckling solutions for mindlin plates involving free edges. <i>International Journal of Mechanical Sciences</i> , 1996, 38, 1127-1138.	6.7	67
54	Nonlinear dynamic response of a functionally graded plate with a through-width surface crack. <i>Nonlinear Dynamics</i> , 2010, 59, 207-219.	5.2	66

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55	VIBRATION OF INITIALLY STRESSED MICRO- AND NANO-BEAMS. <i>International Journal of Structural Stability and Dynamics</i> , 2007, 07, 555-570.	2.4	65
56	Vibration analysis of corrugated Reissner-Mindlin plates using a mesh-free Galerkin method. <i>International Journal of Mechanical Sciences</i> , 2009, 51, 642-652.	6.7	65
57	Buckling analysis of corrugated plates using a mesh-free Galerkin method based on the first-order shear deformation theory. <i>Computational Mechanics</i> , 2006, 38, 61-75.	4.0	63
58	Upgrading of transmission towers using a diaphragm bracing system. <i>Engineering Structures</i> , 2004, 26, 735-744.	5.3	62
59	Buckling and Vibration of Thick Laminates on Pasternak Foundations. <i>Journal of Engineering Mechanics - ASCE</i> , 1996, 122, 54-63.	2.9	59
60	Imperfection sensitivity of postbuckling behaviour of functionally graded carbon nanotube-reinforced composite beams. <i>Thin-Walled Structures</i> , 2016, 108, 225-233.	5.3	58
61	Exact solutions for vibration of cylindrical shells with intermediate ring supports. <i>International Journal of Mechanical Sciences</i> , 2002, 44, 1907-1924.	6.7	57
62	Analysis of the free vibration of rectangular plates with central cut-outs using the discrete Ritz method. <i>International Journal of Mechanical Sciences</i> , 2003, 45, 941-959.	6.7	56
63	Geometrical nonlinear free vibration of multi-layered graphene sheets. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 135401.	2.8	56
64	A boundary element-free method (BEFM) for three-dimensional elasticity problems. <i>Computational Mechanics</i> , 2005, 36, 13-20.	4.0	54
65	Analyzing the 2D fracture problems via the enriched boundary element-free method. <i>International Journal of Solids and Structures</i> , 2007, 44, 4220-4233.	2.7	54
66	VIBRATION ANALYSIS OF RECTANGULAR MINDLIN PLATES RESTING ON ELASTIC EDGE SUPPORTS. <i>Journal of Sound and Vibration</i> , 1997, 204, 1-16.	3.9	53
67	Thermal-mechanical-electrical buckling behavior of functionally graded micro-beams based on modified couple stress theory. <i>Composite Structures</i> , 2018, 202, 625-634.	5.8	53
68	Membrane Analogy of Buckling and Vibration of Inhomogeneous Plates. <i>Journal of Engineering Mechanics - ASCE</i> , 1999, 125, 1293-1297.	2.9	52
69	Buckling solutions for Mindlin plates of various shapes. <i>Engineering Structures</i> , 1994, 16, 119-127.	5.3	50
70	Formulation of Mindlin-Engesser model for stiffened plate vibration. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1995, 120, 339-353.	6.6	49
71	Numerical aspects for free vibration of thick plates part I: Formulation and verification. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1998, 156, 15-29.	6.6	48
72	Elasto-plastic large deformation analysis of thin-walled structures. <i>Engineering Structures</i> , 1990, 12, 28-36.	5.3	47

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73	POSTBUCKLING OF NANO RODS/TUBES BASED ON NONLOCAL BEAM THEORY. International Journal of Applied Mechanics, 2009, 01, 259-266.	2.2	47
74	Pull-in instability and free vibration of electrically actuated poly-SiGe graded micro-beams with a curved ground electrode. Applied Mathematical Modelling, 2012, 36, 1875-1884.	4.2	47
75	Buckling analysis of triple-walled carbon nanotubes embedded in an elastic matrix. Journal of Applied Physics, 2005, 97, 114318.	2.5	45
76	Transverse Vibration of Thick Annular Sector Plates. Journal of Engineering Mechanics - ASCE, 1993, 119, 1579-1599.	2.9	44
77	Analysis of rectangular stiffened plates under uniform lateral load based on FSDT and element-free Galerkin method. International Journal of Mechanical Sciences, 2005, 47, 251-276.	6.7	44
78	Timoshenko curved beam bending solutions in terms of Euler-Bernoulli solutions. Archive of Applied Mechanics, 1997, 67, 179-190.	2.2	43
79	Vibration of Rectangular Mindlin Plates with Intermediate Stiffeners. Journal of Vibration and Acoustics, Transactions of the ASME, 1994, 116, 529-535.	1.6	42
80	Size effect on the free vibration of geometrically nonlinear functionally graded micro-beams under electrical actuation and temperature change. Composite Structures, 2015, 133, 1137-1148.	5.8	42
81	Flexural vibration of shear deformable circular and annular plates on ring supports. Computer Methods in Applied Mechanics and Engineering, 1993, 110, 301-315.	6.6	41
82	Exact buckling solutions for composite laminates: proper free edge conditions under in-plane loadings. Acta Mechanica, 1996, 117, 115-128.	2.1	40
83	Modelling of cold-formed purlin-sheeting systemsâ€™Part 2. Simplified model. Thin-Walled Structures, 1997, 27, 263-286.	5.3	40
84	Inelastic buckling of single-angle, tee and double-angle struts. Journal of Constructional Steel Research, 1986, 6, 3-20.	3.9	39
85	Free vibration of cantilevered arbitrary triangular Mindlin plates. International Journal of Mechanical Sciences, 1996, 38, 431-442.	6.7	39
86	Free vibration of isosceles triangular mindlin plates. International Journal of Mechanical Sciences, 1993, 35, 89-102.	6.7	38
87	Resonance frequency response of geometrically nonlinear micro-switches under electrical actuation. Journal of Sound and Vibration, 2012, 331, 3397-3411.	3.9	38
88	On stability of monosymmetric cantilevers. Engineering Structures, 1986, 8, 169-180.	5.3	37
89	Axisymmetric Buckling of Circular Mindlin Plates with Ring Supports. Journal of Structural Engineering, 1993, 119, 782-793.	3.4	37
90	Free vibration of geometrically nonlinear micro-switches under electrostatic and Casimir forces. Smart Materials and Structures, 2010, 19, 115028.	3.5	37

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91	Vibration analysis of symmetrically laminated thick rectangular plates using the higher-order theory and p-Ritz method. <i>Journal of the Acoustical Society of America</i> , 1997, 102, 1600-1611.	1.1	36
92	Analyzing the interaction between collinear interfacial cracks by an efficient boundary element-free method. <i>International Journal of Engineering Science</i> , 2006, 44, 37-48.	5.0	36
93	Three-dimensional exact solution for inhomogeneous and laminated piezoelectric plates. <i>International Journal of Engineering Science</i> , 1999, 37, 1425-1439.	5.0	34
94	Cyclic and seismic response of flexibly jointed frames. <i>Engineering Structures</i> , 1994, 16, 249-255.	5.3	33
95	Vibration of cantilevered laminated composite shallow conical shells. <i>International Journal of Solids and Structures</i> , 1998, 35, 1695-1707.	2.7	33
96	Boundary element-free method for fracture analysis of 2-D anisotropic piezoelectric solids. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 69, 729-749.	2.8	33
97	Reply to "Comments on "Boundary element-free method (BEFM) and its application to two-dimensional elasticity problems" by Zhigang Chen, <i>International Journal for Numerical Methods in Engineering</i> 2008; 74:347-348. <i>International Journal for Numerical Methods in Engineering</i> , 2009, 78, 1258-1260.	2.8	33
98	Inelastic beam buckling experiments. <i>Journal of Constructional Steel Research</i> , 1983, 3, 3-9.	3.9	32
99	Geometric and material nonlinear analysis of structures comprising rectangular hollow sections. <i>Engineering Structures</i> , 1988, 10, 13-23.	5.3	32
100	Single mode Lamb waves in composite laminated plates generated by piezoelectric transducers. <i>Composite Structures</i> , 2002, 58, 381-396.	5.8	31
101	Mindlin Plate Buckling with Prebuckling In-Plane Deformation. <i>Journal of Engineering Mechanics - ASCE</i> , 1993, 119, 1-18.	2.9	30
102	A global approach for vibration of thick trapezoidal plates. <i>Computers and Structures</i> , 1994, 53, 83-92.	4.4	30
103	Buckling of Vertical Cylindrical Shells Under Combined End Pressure and Body Force. <i>Journal of Engineering Mechanics - ASCE</i> , 2003, 129, 876-884.	2.9	30
104	Analysis of the pseudoelastic behavior of a SMA beam by the element-free Galerkin method. <i>Engineering Analysis With Boundary Elements</i> , 2004, 28, 497-507.	3.7	30
105	A free-vibration analysis of doubly connected super-elliptical laminated composite plates. <i>Composites Science and Technology</i> , 1998, 58, 435-445.	7.8	27
106	Buckling of folded plate structures subjected to partial in-plane edge loads by the FSDT meshfree Galerkin method. <i>International Journal for Numerical Methods in Engineering</i> , 2006, 65, 1495-1526.	2.8	26
107	Geometric non-linear analysis of folded plate structures by the spline strip kernel particle method. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 71, 1102-1133.	2.8	26
108	Electro-dynamic behavior of an electrically actuated micro-beam: Effects of initial curvature and nonlinear deformation. <i>Computers and Structures</i> , 2012, 96-97, 25-33.	4.4	26

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109	Vibration of Mindlin Plates on Point Supports Using Constraint Functions. Journal of Engineering Mechanics - ASCE, 1994, 120, 499-513.	2.9	25
110	Nonlinear Theory for Composite Laminated Shells With Interfacial Damage. Journal of Applied Mechanics, Transactions ASME, 1998, 65, 711-718.	2.2	25
111	Thermal effect on the pull-in instability of functionally graded micro-beams subjected to electrical actuation. Composite Structures, 2014, 116, 136-146.	5.8	25
112	Buckling And Vibration Of Annular Mindlin Plates With Internal Concentric Ring Supports Subject To In-Plane Radial Pressure. Journal of Sound and Vibration, 1994, 177, 689-707.	3.9	24
113	Free Vibration Analysis of Thick Superelliptical Plates. Journal of Engineering Mechanics - ASCE, 1998, 124, 137-145.	2.9	24
114	Buckling characteristics of embedded multi-walled carbon nanotubes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2005, 461, 3785-3805.	2.1	24
115	Single-equation yield surfaces for monosymmetric and asymmetric sections. Engineering Structures, 1991, 13, 366-370.	5.3	23
116	Nonlinear finite element analysis of latticed transmission towers. Engineering Structures, 1993, 15, 259-269.	5.3	23
117	Hybrid analysis of Lamb wave reflection by a crack at the fixed edge of a composite plate. Computer Methods in Applied Mechanics and Engineering, 1995, 125, 221-233.	6.6	23
118	Vibration of stiffened skew Mindlin plates. Acta Mechanica, 1995, 112, 11-28.	2.1	23
119	FREE VIBRATION OF SHEAR-DEFORMABLE GENERAL TRIANGULAR PLATES. Journal of Sound and Vibration, 1997, 199, 595-613.	3.9	23
120	EFFECTS OF SUBTENDED AND VERTEX ANGLES ON THE FREE VIBRATION OF OPEN CONICAL SHELL PANELS: A CONICAL CO-ORDINATE APPROACH. Journal of Sound and Vibration, 1999, 219, 813-835.	3.9	23
121	Multi-dimensional superelastic behavior of shape memory alloys via nonlinear finite element method. Engineering Structures, 2002, 24, 51-57.	5.3	23
122	Vibration of Timoshenko Beams with Internal Hinge. Journal of Engineering Mechanics - ASCE, 2003, 129, 293-301.	2.9	23
123	Nonlinear dynamic response of an edge-cracked functionally graded Timoshenko beam under parametric excitation. Nonlinear Dynamics, 2012, 67, 527-540.	5.2	23
124	Transverse vibration of thick rectangular plates—II. Inclusion of oblique internal line supports. Computers and Structures, 1993, 49, 31-58.	4.4	22
125	Lateral buckling of tee beams under moment gradient. Computers and Structures, 1986, 23, 69-76.	4.4	21
126	Parametric study on distortional buckling of monosymmetric beam-columns. Journal of Constructional Steel Research, 1991, 18, 89-110.	3.9	21

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127	Dispersion spectrum in a functionally graded carbon nanotube-reinforced plate based on first-order shear deformation plate theory. <i>Composites Part B: Engineering</i> , 2013, 53, 274-283.	12.0	21
128	Stability of thin-walled members having arbitrary flange shape and flexible web. <i>Engineering Structures</i> , 1992, 14, 121-132.	5.3	20
129	Transverse vibration of thick rectangular plates—IV. Influence of isotropic in-plane pressure. <i>Computers and Structures</i> , 1993, 49, 69-78.	4.4	20
130	Vibration of Laminated Plates Having Elastic Edge Flexibilities. <i>Journal of Engineering Mechanics - ASCE</i> , 1997, 123, 1012-1019.	2.9	20
131	Relationships between Buckling Loads of Kirchhoff, Mindlin, and Reddy Polygonal Plates on Pasternak Foundation. <i>Journal of Engineering Mechanics - ASCE</i> , 1997, 123, 1134-1137.	2.9	20
132	Numerical aspects for free vibration of thick plates part II: Numerical efficiency and vibration frequencies. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1998, 156, 31-44.	6.6	20
133	Vibration of open cylindrical shells: A three-dimensional elasticity approach. <i>Journal of the Acoustical Society of America</i> , 1998, 104, 1436-1443.	1.1	20
134	Dynamic Instability of Nanorods/Nanotubes Subjected to an End Follower Force. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 1054-1058.	2.9	20
135	Pull-in analysis of electrostatically actuated curved micro-beams with large deformation. <i>Smart Materials and Structures</i> , 2010, 19, 065030.	3.5	20
136	Vibration of annular sector mindlin plates with internal radial line and circumferential arc supports. <i>Journal of Sound and Vibration</i> , 1995, 183, 401-419.	3.9	19
137	Stability criteria for Timoshenko columns with intermediate and end concentrated axial loads. <i>Journal of Constructional Steel Research</i> , 2002, 58, 1177-1193.	3.9	19
138	A Nonlinear Van Der Waals Force Model for Multiwalled Carbon Nanotubes Modeled by a Nested System of Cylindrical Shells. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2010, 77, .	2.2	19
139	Buckling Solutions of Rectangular Mindlin Plates under Uniform Shear. <i>Journal of Engineering Mechanics - ASCE</i> , 1994, 120, 2462-2470.	2.9	18
140	Dynamic response of flexibly jointed frames. <i>Engineering Structures</i> , 1995, 17, 575-580.	5.3	18
141	Vibration of arbitrarily laminated plates of general trapezoidal planform. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 3674-3685.	1.1	18
142	VIBRATION OF SYMMETRICALLY LAMINATED THICK SUPER ELLIPTICAL PLATES. <i>Journal of Sound and Vibration</i> , 1999, 220, 659-682.	3.9	18
143	FREE VIBRATION OF SYMMETRICALLY LAMINATED THICK-PERFORATED PLATES. <i>Journal of Sound and Vibration</i> , 2000, 230, 111-132.	3.9	18
144	A semi-analytical solution for vibration of rectangular plates with abrupt thickness variation. <i>International Journal of Solids and Structures</i> , 2001, 38, 4937-4954.	2.7	18

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145	Bending analysis of folded plates by the FSDT meshless method. <i>Thin-Walled Structures</i> , 2006, 44, 1138-1160.	5.3	18
146	BUCKLING OF NANO-RINGS/ARCHES BASED ON NONLOCAL ELASTICITY. <i>International Journal of Applied Mechanics</i> , 2012, 04, 1250025.	2.2	18
147	Buckling of braced monosymmetric cantilevers. <i>International Journal of Mechanical Sciences</i> , 1987, 29, 321-337.	6.7	17
148	Modeling the vibration of a variable thickness ellipsoidal dish with central point clamp or concentric surface clamp. <i>Journal of the Acoustical Society of America</i> , 1996, 99, 362-372.	1.1	17
149	A semi-analytic approach for the nonlinear dynamic response of circular plates. <i>Applied Mathematical Modelling</i> , 2009, 33, 4303-4313.	4.2	17
150	Research developments in analyses of plates and shells. <i>Journal of Constructional Steel Research</i> , 1993, 26, 231-248.	3.9	16
151	Stability of Skew Mindlin Plates under Isotropic In-Plane Pressure. <i>Journal of Engineering Mechanics - ASCE</i> , 1993, 119, 393-401.	2.9	16
152	Non-linear analysis of thin-walled structures using plate elements. <i>International Journal for Numerical Methods in Engineering</i> , 1994, 37, 1697-1711.	2.8	15
153	Vibration of circular and annular Mindlin plates with internal ring stiffeners. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 3696-3705.	1.1	15
154	Bending Analysis of Folded Laminated Plates by the FSDT Meshfree Method. <i>Procedia Engineering</i> , 2011, 14, 2714-2721.	1.2	14
155	Reflection of plate waves at the fixed edge of a composite plate. <i>Journal of the Acoustical Society of America</i> , 1995, 98, 644-651.	1.1	13
156	Comparative Accuracy of Shallow and Deep Shell Theories for Vibration of Cylindrical Shells. <i>JVC/Journal of Vibration and Control</i> , 1997, 3, 119-143.	2.6	13
157	Exact solutions for axisymmetric bending of continuous annular plates. <i>Computers and Structures</i> , 1997, 63, 455-464.	4.4	13
158	Exact Buckling Solutions For Rectangular Plates Under Intermediate and End Uniaxial Loads. <i>Journal of Engineering Mechanics - ASCE</i> , 2003, 129, 835-838.	2.9	13
159	Buckling of triangular Mindlin plates under isotropic inplane compression. <i>Acta Mechanica</i> , 1994, 102, 123-135.	2.1	12
160	Navier's solution for laminated plate buckling with prebuckling in-plane deformation. <i>International Journal of Solids and Structures</i> , 1996, 33, 1921-1937.	2.7	12
161	Prestressed composite laminates featuring interlaminar imperfection. <i>International Journal of Mechanical Sciences</i> , 2000, 42, 425-443.	6.7	12
162	The influence of backward wave transmission on quantitative ultrasonic evaluation using Lamb wave propagation. <i>Journal of the Acoustical Society of America</i> , 2000, 107, 306-314.	1.1	12

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163	Eccentrically Connected Cleat Plates in Compression. <i>Journal of Structural Engineering</i> , 1993, 119, 767-781.	3.4	11
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