Yang Xiang

List of Publications by Year
in descending order

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212 papers	9,655 citations	29994 54 h-index	46693 89 g-index
213 all docs	213 docs citations	213 times ranked	3217 citing authors

#	Article	IF	Citations
1	Thermo-mechanical postbuckling analysis of sandwich cylindrical shells with functionally graded auxetic GRMMC core surrounded by an elastic medium. Thin-Walled Structures, 2022, 171, 108755.	2.7	15
2	Assessment of the effect of negative Poissonâ€™s ratio on the thermal postbuckling of temperature dependent FG-GRMMC laminated cylindrical shells. Computer Methods in Applied Mechanics and Engineering, 2021, 376, 113664.	3.4	23
3	Elastic buckling of nanoplates based on general third-order shear deformable plate theory including both size effects and surface effects. International Journal of Mechanics and Materials in Design, 2021, 17, 521-543.	1.7	8
4	Examination of thermal postbuckling behavior of temperature dependent FG-GRMMC laminated plates with in-plane negative Poissonâ€™s ratio. Thin-Walled Structures, 2021, 163, 107801.	2.7	13
5	Effect of negative Poisson's ratio on the postbuckling behavior of axially compressed FG-GRMMC laminated cylindrical shells surrounded by an elastic medium. European Journal of Mechanics, A/Solids, 2021, 88, 104231.	2.1	16
6	Examination of thermal postbuckling of temperature dependent FG-GRMMC laminated beams with negative Poissonâ€™s ratio on elastic foundations. Composite Structures, 2021, 272, 114066.	3.1	13
7	Effect of negative Poissonâ€™s ratio on the postbuckling behavior of pressure-loaded FG-GRMMC laminated cylindrical shells. Engineering Structures, 2021, 243, 112458.	2.6	14
8	Tunable Positive/Negative Young's Modulus in Grapheneâ€Based Metamaterials. Advanced Theory and Simulations, 2021, 4, 2000130.	1.3	9
9	Nonlinear Dynamics of Temperature-Dependent FG-GRC Laminated Beams Resting on Visco-Pasternak Foundations. International Journal of Structural Stability and Dynamics, 2020, 20, 2050012.	1.5	23
10	Effect of negative Poissonâ€™s ratio on the post-buckling behavior of FG-GRMMC laminated plates in thermal environments. Composite Structures, 2020, 253, 112731.	3.1	33
11	Effect of negative poisson's ratio on the axially compressed postbuckling behavior of FG-GRMMC laminated cylindrical panels on elastic foundations. Thin-Walled Structures, 2020, 157, 107090.	2.7	22
12	Free vibration and damage identification of cracked functionally graded plates. Composite Structures, 2020, 250, 112517.	3.1	18
13	Vibrational power flow analysis of cracked functionally graded beams. Thin-Walled Structures, 2020, 150, 106626.	2.7	14
14	Temperature-Dependent Mechanical Properties of Graphene/Cu Nanocomposites with In-Plane Negative Poissonâ€™s Ratios. Research, 2020, 2020, 5618021.	2.8	37
15	Vibration of thermally postbuckled FG-GRC laminated plates resting on elastic foundations. JVC/Journal of Vibration and Control, 2019, 25, 1507-1520.	1.5	20
16	Postbuckling of pressure-loaded FG-GRC laminated cylindrical panels resting on elastic foundations in thermal environments. European Physical Journal Plus, 2019, 134, 1.	1.2	2
17	A novel technique for nonlinear dynamic instability analysis of FG-GRC laminated plates. Thin-Walled Structures, 2019, 139, 389-397.	2.7	29
18	Large amplitude vibration of doubly curved FG-GRC laminated panels in thermal environments. Nanotechnology Reviews, 2019, 8, 467-483.	2.6	34

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19	Temperature-dependent negative Poissonâ€™s ratio of monolayer graphene: Prediction from molecular dynamics simulations. Nanotechnology Reviews, 2019, 8, 415-421.	2.6	27
20	Thermal postbuckling behavior of FG-GRC laminated cylindrical panels with temperature-dependent properties. Composite Structures, 2019, 211, 433-442.	3.1	31
21	Torsional postbuckling behavior of FG-GRC laminated cylindrical shells in thermal environments. Thin-Walled Structures, 2019, 135, 560-574.	2.7	26
22	Crack identification of functionally graded beams using continuous wavelet transform. Composite Structures, 2019, 210, 473-485.	3.1	48
23	Nonlinear Vibration of Thermally Postbuckled FG-GRC Laminated Beams Resting on Elastic Foundations. International Journal of Structural Stability and Dynamics, 2019, 19, 1950051.	1.5	26
24	Thermal buckling and postbuckling behavior of FG-GRC laminated cylindrical shells with temperature-dependent material properties. Meccanica, 2019, 54, 283-297.	1.2	27
25	Nonlinear forced vibration of FG-GRC laminated plates resting on visco-Pasternak foundations. Composite Structures, 2019, 209, 443-452.	3.1	48
26	Nonlinear low-velocity impact response of FG-GRC laminated plates resting on visco-elastic foundations. Composites Part B: Engineering, 2018, 144, 184-194.	5.9	42
27	Low-velocity impact response of FG-GRC laminated beams resting on visco-elastic foundations. International Journal of Mechanical Sciences, 2018, 141, 117-126.	3.6	43
28	Morphological and mechanical properties of graphene-reinforced PMMA nanocomposites using a multiscale analysis. Computational Materials Science, 2018, 150, 107-120.	1.4	17
29	An effective method for the sliding frictional contact of a conducting cylindrical punch on FGPMs. International Journal of Solids and Structures, 2018, 141-142, 127-136.	1.3	18
30	Postbuckling of functionally graded graphene-reinforced composite laminated cylindrical shells subjected to external pressure in thermal environments. Thin-Walled Structures, 2018, 124, 151-160.	2.7	111
31	Nonlinear bending analysis of FG-GRC laminated cylindrical panels on elastic foundations in thermal environments. Composites Part B: Engineering, 2018, 141, 148-157.	5.9	54
32	Postbuckling behavior of functionally graded graphene-reinforced composite laminated cylindrical shells under axial compression in thermal environments. Computer Methods in Applied Mechanics and Engineering, 2018, 330, 64-82.	3.4	78
33	Nonlinear vibration of functionally graded graphene-reinforced composite laminated cylindrical panels resting on elastic foundations in thermal environments. Composites Part B: Engineering, 2018, 136, 177-186.	5.9	145
34	Postbuckling of functionally graded graphene-reinforced composite laminated cylindrical panels under axial compression in thermal environments. International Journal of Mechanical Sciences, 2018, 135, 398-409.	3.6	66
35	Case Studies on Chain-die Forming for AHSS. Journal of Physics: Conference Series, 2018, 1063, 012174.	0.3	0
36	Numerical simulation on chain-die forming of an AHSS top-hat section. AIP Conference Proceedings, 2018, , .	0.3	1

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37	The axisymmetric torsional contact problem of a functionally graded piezoelectric coated half-space. Acta Mechanica Sinica/Lixue Xuebao, 2017, 33, 406-414.	1.5	12
38	Nonlinear bending and thermal postbuckling of functionally graded graphene-reinforced composite laminated beams resting on elastic foundations. Engineering Structures, 2017, 140, 89-97.	2.6	132
39	Three-Dimensional Numerical Simulations of Vortex-Induced Vibrations of a Circular Cylinder in Oscillatory Flow. Journal of Waterway, Port, Coastal and Ocean Engineering, 2017, 143, .	0.5	6
40	Nonlinear vibration of functionally graded graphene-reinforced composite laminated plates in thermal environments. Computer Methods in Applied Mechanics and Engineering, 2017, 319, 175-193.	3.4	214
41	Nonlinear bending of functionally graded graphene-reinforced composite laminated plates resting on elastic foundations in thermal environments. Composite Structures, 2017, 170, 80-90.	3.1	158
42	Thermal buckling and postbuckling of functionally graded graphene-reinforced composite laminated plates resting on elastic foundations. Thin-Walled Structures, 2017, 118, 229-237.	2.7	122
43	Buckling and postbuckling of functionally graded graphene-reinforced composite laminated plates in thermal environments. Composites Part B: Engineering, 2017, 119, 67-78.	5.9	201
44	Temperature dependent mechanical properties of graphene reinforced polymer nanocomposites â€“ A molecular dynamics simulation. Composites Part B: Engineering, 2017, 111, 261-269.	5.9	242
45	Nonlinear vibration of functionally graded graphene-reinforced composite laminated beams resting on elastic foundations in thermal environments. Nonlinear Dynamics, 2017, 90, 899-914.	2.7	97
46	Nonlinear vibration of functionally graded graphene-reinforced composite laminated cylindrical shells in thermal environments. Composite Structures, 2017, 182, 447-456.	3.1	131
47	Axisymmetric torsional fretting contact between a spherical punch and an FGPM coating. Applied Mathematical Modelling, 2017, 52, 576-589.	2.2	14
48	Vibration of two elastically mounted cylinders of different diameters in oscillatory flow. Applied Ocean Research, 2017, 69, 173-190.	1.8	17
49	Finite element modelling of chain-die forming for ultra-high strength steel. AIP Conference Proceedings, 2017, , .	0.3	2
50	Vortex-induced vibration of four cylinders in an in-line square configuration. Physics of Fluids, 2016, 28, .	1.6	23
51	Three-dimensional numerical simulations of vortex-induced vibrations of tapered circular cylinders. Applied Ocean Research, 2016, 60, 1-11.	1.8	14
52	Postbuckling of pressure-loaded nanotube-reinforced composite doubly curved panels resting on elastic foundations in thermal environments. International Journal of Mechanical Sciences, 2016, 107, 225-234.	3.6	28
53	Buckling of Nonlocal Columns with Allowance for Selfweight. Journal of Engineering Mechanics - ASCE, 2016, 142, .	1.6	30
54	Hypothesis on Phase Transition Nucleation and Propagation in Polycrystalline NiTi shape Memory Alloys under Nanoscale Compressive Loading. Materials Today: Proceedings, 2016, 3, 708-714.	0.9	1

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55	Compressive Buckling of Rippled Graphene via Molecular Dynamics Simulations. International Journal of Structural Stability and Dynamics, 2016, 16, 1550071.	1.5	8
56	Effect of Covalent Functionalization on Thermal Transport across Grapheneâ€“Polymer Interfaces. Journal of Physical Chemistry C, 2015, 119, 12731-12738.	1.5	126
57	Thermal postbuckling of nanotube-reinforced composite cylindrical panels resting on elastic foundations. Composite Structures, 2015, 123, 383-392.	3.1	89
58	Shear buckling of rippled graphene by molecular dynamics simulation. Materials Today Communications, 2015, 3, 149-155.	0.9	17
59	Nanoscale variation in energy dissipation in austenitic shape memory alloys in ultimate loading cycles. Journal of Intelligent Material Systems and Structures, 2015, 26, 2411-2417.	1.4	2
60	Nonlinear response of nanotube-reinforced composite cylindrical panels subjected to combined loadings and resting on elastic foundations. Composite Structures, 2015, 131, 939-950.	3.1	48
61	Buckling of Graphene Embedded in Polymer Matrix Under Compression. International Journal of Structural Stability and Dynamics, 2015, 15, 1540016.	1.5	12
62	Formation of carbon nanoscrolls from graphene nanoribbons: A molecular dynamics study. Computational Materials Science, 2015, 96, 300-305.	1.4	31
63	NUMERICAL ANALYSIS ON NONLINEAR FREE VIBRATION OF CARBON NANOTUBE REINFORCED COMPOSITE BEAMS. International Journal of Structural Stability and Dynamics, 2014, 14, 1350056.	1.5	65
64	Vibration of carbon nanotube reinforced composite beams based on the first and third order beam theories. Applied Mathematical Modelling, 2014, 38, 3741-3754.	2.2	159
65	Vibration Analysis of Carbon Nanotube Reinforced Composite Plates. Applied Mechanics and Materials, 2014, 553, 681-686.	0.2	5
66	Nonlinear bending of nanotube-reinforced composite cylindrical panels resting on elastic foundations in thermal environments. Engineering Structures, 2014, 80, 163-172.	2.6	63
67	Postbuckling of axially compressed nanotube-reinforced composite cylindrical panels resting on elastic foundations in thermal environments. Composites Part B: Engineering, 2014, 67, 50-61.	5.9	125
68	Nonlinear vibration of nanotube-reinforced composite cylindrical panels resting on elastic foundations in thermal environments. Composite Structures, 2014, 111, 291-300.	3.1	110
69	Tension buckling of graphene: A new phenotype. Solid State Communications, 2014, 192, 20-23.	0.9	8
70	Use of the Extreme Value Analysis in Determining Annual Probability of Exceedance for Bushfire Protection Design. Fire Safety Science, 2014, 11, 1379-1392.	0.3	3
71	Nonlinear analysis of nanotube-reinforced composite beams resting on elastic foundations in thermal environments. Engineering Structures, 2013, 56, 698-708.	2.6	222
72	Vortex-induced vibration (VIV) of a circular cylinder in combined steady and oscillatory flow. Ocean Engineering, 2013, 73, 83-95.	1.9	45

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73	Postbuckling of nanotube-reinforced composite cylindrical shells under combined axial and radial mechanical loads in thermal environment. Composites Part B: Engineering, 2013, 52, 311-322.	5.9	116
74	BUCKLING OF NANO-RINGS/ARCHES BASED ON NONLOCAL ELASTICITY. International Journal of Applied Mechanics, 2012, 04, 1250025.	1.3	18
75	Buckling and Vibration of Elastically Restrained Standing Vertical Plates. Journal of Vibration and Acoustics, Transactions of the ASME, 2012, 134, .	1.0	3
76	Thermal conductivity of defective graphene. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 3668-3672.	0.9	103
77	Nonlinear vibration of nanotube-reinforced composite cylindrical shells in thermal environments. Computer Methods in Applied Mechanics and Engineering, 2012, 213-216, 196-205.	3.4	241
78	Accurate analytical perturbation approach for large amplitude vibration of functionally graded beams. International Journal of Non-Linear Mechanics, 2012, 47, 473-480.	1.4	34
79	Bending behavior of double-walled carbon nanotubes with sp3 interwall bonds. Journal of Applied Physics, 2011, 109, .	1.1	11
80	A Molecular Dynamics Investigaation of the Torsional Responses of Defective Single-Walled Carbon Nanotubes. Procedia Engineering, 2011, 14, 1307-1311.	1.2	1
81	Vibration Analysis of Mindlin Plates with Cracks by MLSElement Method. Procedia Engineering, 2011, 14, 1637-1644.	1.2	2
82	Damage detection of circular cylindrical shells by Ritz method. Journal of Physics: Conference Series, 2011, 305, 012117.	0.3	3
83	Study on asymptotic analytical solutions using HAM for strongly nonlinear vibrations of a restrained cantilever beam with an intermediate lumped mass. Numerical Algorithms, 2011, 58, 293-314.	1.1	16
84	Application of the DSC-Element method to flexural vibration of skew plates with continuous and discontinuous boundaries. Thin-Walled Structures, 2011, 49, 1080-1090.	2.7	4
85	Mechanical properties of bilayer graphene sheets coupled by sp bonding. Carbon, 2011, 49, 4511-4517.	5.4	219
86	Sanders shell model for buckling of single-walled carbon nanotubes with small aspect ratio. Composite Structures, 2011, 93, 1683-1691.	3.1	80
87	Vibration Analysis of Plates by MLS-Element Method. , 2010, , .		1
88	DSC-element method for free vibration analysis of rectangular Mindlin plates. International Journal of Mechanical Sciences, 2010, 52, 548-560.	3.6	30
89	On the influence of the unilateral damage behaviour in the stability of cracked beam/columns. Engineering Fracture Mechanics, 2010, 77, 1467-1478.	2.0	10
90	Application of a generalized Senatorâ€“Bapat perturbation technique to nonlinear dynamical systems with an irrational restoring force. Computers and Mathematics With Applications, 2010, 60, 2078-2086.	1.4	16

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91	A molecular dynamics investigation of the torsional responses of defective single-walled carbon nanotubes. Carbon, 2010, 48, 4100-4108.	5.4	55
92	DSC-Ritz element method for vibration analysis of rectangular Mindlin plates with mixed edge supports. European Journal of Mechanics, A/Solids, 2010, 29, 619-628.	2.1	24
93	Parametric Instability of Functionally Graded Timoshenko Beams with an Open Edge Crack. , 2010, , .		0
94	Dynamic Instability of Nanorods/Nanotubes Subjected to an End Follower Force. Journal of Engineering Mechanics - ASCE, 2010, 136, 1054-1058.	1.6	20
95	FREE VIBRATION AND BUCKLING ANALYSIS OF HIGHLY SKEWED PLATES BY LEAST SQUARES-BASED FINITE DIFFERENCE METHOD. International Journal of Structural Stability and Dynamics, 2010, 10, 225-252.	1.5	24
96	A Nonlinear Van Der Waals Force Model for Multiwalled Carbon Nanotubes Modeled by a Nested System of Cylindrical Shells. Journal of Applied Mechanics, Transactions ASME, 2010, 77, .	1.1	19
97	Recent Studies on Buckling of Carbon Nanotubes. Applied Mechanics Reviews, 2010, 63, .	4.5	117
98	Nonlocal shear deformable shell model for thermal postbuckling of axially compressed double-walled carbon nanotubes. Philosophical Magazine, 2010, 90, 3189-3214.	0.7	18
99	Buckling of defective carbon nanotubes. Journal of Applied Physics, 2009, 106, .	1.1	49
100	Assessment of continuum mechanics models in predicting buckling strains of single-walled carbon nanotubes. Nanotechnology, 2009, 20, 395707.	1.3	113
101	DSC ANALYSIS FOR BUCKLING AND VIBRATION OF RECTANGULAR PLATES WITH ELASTICALLY RESTRAINED EDGES AND LINEARLY VARYING IN-PLANE LOADING. International Journal of Structural Stability and Dynamics, 2009, 09, 511-531.	1.5	32
102	POSTBUCKLING OF NANO RODS/TUBES BASED ON NONLOCAL BEAM THEORY. International Journal of Applied Mechanics, 2009, 01, 259-266.	1.3	47
103	On Asymptotic Analysis for Large Amplitude Nonlinear Free Vibration of Simply Supported Laminated Plates. Journal of Vibration and Acoustics, Transactions of the ASME, 2009, 131, .	1.0	15
104	Plastic-Buckling of Rectangular Plates under Combined Uniaxial and Shear Stresses. Journal of Engineering Mechanics - ASCE, 2009, 135, 892-895.	1.6	3
105	Matched interface and boundary (MIB) method for the vibration analysis of plates. Communications in Numerical Methods in Engineering, 2009, 25, 923-950.	1.3	37
106	On new symplectic elasticity approach for exact free vibration solutions of rectangular Kirchhoff plates. International Journal of Engineering Science, 2009, 47, 131-140.	2.7	123
107	Nonlinear vibration of edge cracked functionally graded Timoshenko beams. Journal of Sound and Vibration, 2009, 324, 962-982.	2.1	166
108	Nonlinear free vibration of embedded double-walled carbon nanotubes based on nonlocal Timoshenko beam theory. Computational Materials Science, 2009, 47, 409-417.	1.4	224

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109	Flexural Vibration and Elastic Buckling of a Cracked Timoshenko Beam Made of Functionally Graded Materials. Mechanics of Advanced Materials and Structures, 2009, 16, 488-502.	1.5	142
110	Free and forced vibration of cracked inhomogeneous beams under an axial force and a moving load. Journal of Sound and Vibration, 2008, 312, 166-181.	2.1	147
111	Higher-order approximate solutions for nonlinear vibration of a constant-tension string. Journal of Sound and Vibration, 2008, 317, 440-448.	2.1	5
112	Buckling and postbuckling of anisotropic laminated cylindrical shells under combined axial compression and torsion. Composite Structures, 2008, 84, 375-386.	3.1	28
113	Buckling of super ellipsoidal shells under uniform pressure. IES Journal Part A: Civil and Structural Engineering, 2008, 1, 218-225.	0.4	3
114	Buckling and spanning capacity of cantilevered vertical plates under body forces. IES Journal Part A: Civil and Structural Engineering, 2008, 1, 116-122.	0.4	2
115	ON INSTABILITY OF SINGLE-WALLED CARBON NANOTUBES WITH A VACANCY DEFECT. International Journal of Structural Stability and Dynamics, 2008, 08, 357-366.	1.5	13
116	POSTBUCKLING OF PRESSURE-LOADED PIEZOLAMINATED CYLINDRICAL SHELLS WITH TEMPERATURE DEPENDENT PROPERTIES. International Journal of Structural Stability and Dynamics, 2007, 07, 1-22.	1.5	11
117	Local buckling of carbon nanotubes under bending. Applied Physics Letters, 2007, 91, .	1.5	28
118	Vibrations of plates with abrupt changes in properties. , 2007, , 254-274.		0
119	Exact solutions for vibration of stepped circular cylindrical shells. Journal of Sound and Vibration, 2007, 299, 948-964.	2.1	50
120	Vibration of Open Cylindrical Shells with Stepped Thickness Variations. Journal of Engineering Mechanics - ASCE, 2006, 132, 780-784.	1.6	18
121	Vibration of open circular cylindrical shells with intermediate ring supports. International Journal of Solids and Structures, 2006, 43, 3705-3722.	1.3	32
122	Thermomechanical postbuckling of unilaterally constrained shear deformable laminated plates with temperature-dependent properties. International Journal of Non-Linear Mechanics, 2006, 41, 1161-1173.	1.4	14
123	Local adaptive differential quadrature for free vibration analysis of cylindrical shells with various boundary conditions. International Journal of Mechanical Sciences, 2006, 48, 1126-1138.	3.6	64
124	Free vibration analysis of stepped circular Mindlin plates. Journal of Sound and Vibration, 2005, 280, 633-655.	2.1	38
125	DSC analysis of free-edged beams by an iteratively matched boundary method. Journal of Sound and Vibration, 2005, 284, 487-493.	2.1	107
126	DSC-Ritz method for the free vibration analysis of Mindlin plates. International Journal for Numerical Methods in Engineering, 2005, 62, 262-288.	1.5	95

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127	Buckling of intermediate ring supported cylindrical shells under axial compression. Thin-Walled Structures, 2005, 43, 427-443.	2.7	5
128	Buckling of a Thin Circular Plate Loaded by In-Plane Gravity. Journal of Applied Mechanics, Transactions ASME, 2005, 72, 296-298.	1.1	4
129	Stability criteria for rectangular plates subjected to intermediate and end inplane loads. Thin-Walled Structures, 2004, 42, 119-136.	2.7	10
130	Mode shapes and stress-resultants of circular Mindlin plates with free edges. Journal of Sound and Vibration, 2004, 276, 511-525.	2.1	18
131	Exact solutions for buckling and vibration of stepped rectangular Mindlin plates. International Journal of Solids and Structures, 2004, 41, 279-294.	1.3	62
132	Plastic buckling of rectangular plates subjected to intermediate and end inplane loads. International Journal of Solids and Structures, 2004, 41, 4279-4297.	1.3	13
133	Vibration of rectangular Mindlin plates resting on non-homogenous elastic foundations. International Journal of Mechanical Sciences, 2003, 45, 1229-1244.	3.6	47
134	Natural vibration of rectangular plates with an internal line hinge using the first order shear deformation plate theory. Journal of Sound and Vibration, 2003, 263, 285-297.	2.1	28
135	Vibration of circular Mindlin plates with concentric elastic ring supports. International Journal of Mechanical Sciences, 2003, 45, 497-517.	3.6	12
136	Exact Solutions for Buckling of Multispan Rectangular Plates. Journal of Engineering Mechanics - ASCE, 2003, 129, 181-187.	1.6	6
137	Ritz Buckling Analysis of Rectangular Plates with Internal Hinge. Journal of Engineering Mechanics - ASCE, 2003, 129, 683-688.	1.6	10
138	Exact Buckling Solutions For Rectangular Plates Under Intermediate and End Uniaxial Loads. Journal of Engineering Mechanics - ASCE, 2003, 129, 835-838.	1.6	13
139	AXISYMMETRIC VIBRATION OF CYLINDRICAL SHELLS WITH INTERMEDIATE RING SUPPORTS. International Journal of Structural Stability and Dynamics, 2003, 03, 35-53.	1.5	3
140	BUCKLING OF STANDING VERTICAL PLATES UNDER BODY FORCES. International Journal of Structural Stability and Dynamics, 2002, 02, 151-161.	1.5	13
141	Exact Solutions for Vibration of Multi-Span Rectangular Mindlin Plates. Journal of Vibration and Acoustics, Transactions of the ASME, 2002, 124, 545-551.	1.0	21
142	DISCRETE SINGULAR CONVOLUTION FOR PLATE VIBRATION ANALYSIS. , 2002, , .		1
143	OPTIMIZATION ON VIBRATION OF RECTANGULAR PLATES AGAINST INTERNAL POINT SUPPORTS. , 2002, , .		0
144	BUCKLING OF TRIANGULAR PLATES WITH ELASTIC EDGE SUPPORTS. , 2002, , .		0

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146	Discrete singular convolution and its application to the analysis of plates with internal supports. Part 2: Applications. International Journal for Numerical Methods in Engineering, 2002, 55, 947-971.	1.5	63
147	EXACT BUCKLING AND VIBRATION SOLUTIONS FOR STEPPED RECTANGULAR PLATES. Journal of Sound and Vibration, 2002, 250, 503-517.	2.1	57
148	A NOVEL APPROACH FOR THE ANALYSIS OF HIGH-FREQUENCY VIBRATIONS. Journal of Sound and Vibration, 2002, 257, 207-246.	2.1	145
149	Buckling of triangular plates with elastic edge constraints. Acta Mechanica, 2002, 156, 63-77.	1.1	10
150	A non-discrete approach for analysis of plates with multiple subdomains. Engineering Structures, 2002, 24, 563-575.	2.6	14
151	Levy solutions for vibration of multi-span rectangular plates. International Journal of Mechanical Sciences, 2002, 44, 1195-1218.	3.6	41
152	Exact solutions for vibration of cylindrical shells with intermediate ring supports. International Journal of Mechanical Sciences, 2002, 44, 1907-1924.	3.6	57
153	Discrete singular convolution for the prediction of high frequency vibration of plates. International Journal of Solids and Structures, 2002, 39, 65-88.	1.3	142
154	Plate vibration under irregular internal supports. International Journal of Solids and Structures, 2002, 39, 1361-1383.	1.3	83
155	Exact vibration solutions for circular Mindlin plates with multiple concentric ring supports. International Journal of Solids and Structures, 2002, 39, 6081-6102.	1.3	9
156	Buckling of rectangular plates with mixed edge supports. Structural Engineering and Mechanics, 2002, 14, 401-416.	1.0	5
157	EXACT SOLUTIONS FOR BUCKLING OF MULTI-SPAN RECTANGULAR PLATES. , 2002, , .		0
158	The determination of natural frequencies of rectangular plates with mixed boundary conditions by discrete singular convolution. International Journal of Mechanical Sciences, 2001, 43, 1731-1746.	3.6	160
159	Evaluation of modal stress resultants in freely vibrating plates. International Journal of Solids and Structures, 2001, 38, 6525-6558.	1.3	25
160	Elastic/plastic buckling of thick plates. International Journal of Solids and Structures, 2001, 38, 8617-8640.	1.3	67
161	BUCKLING OF RECTANGULAR PLATES WITH INTERNAL HINGE. International Journal of Structural Stability and Dynamics, 2001, 01, 169-179.	1.5	17
162	BUCKLING AND VIBRATION OF STEPPED, SYMMETRIC CROSS-PLY LAMINATED RECTANGULAR PLATES. International Journal of Structural Stability and Dynamics, 2001, 01, 385-408.	1.5	4

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163	Deducing Buckling Loads of Sectorial Mindlin Plates from Kirchhoff Plates. Journal of Engineering Mechanics - ASCE, 1999, 125, 596-598.	1.6	12
164	Mindlin Plate Theory and Ritz Method. , 1998, , 5-26.		2
165	Vibration of Laminated Plates Having Elastic Edge Flexibilities. Journal of Engineering Mechanics - ASCE, 1997, 123, 1012-1019.	1.6	20
166	Relationships between Buckling Loads of Kirchhoff, Mindlin, and Reddy Polygonal Plates on Pasternak Foundation. Journal of Engineering Mechanics - ASCE, 1997, 123, 1134-1137.	1.6	20
167	Exact solutions for axisymmetric bending of continuous annular plates. Computers and Structures, 1997, 63, 455-464.	2.4	13
168	VIBRATION ANALYSIS OF RECTANGULAR MINDLIN PLATES RESTING ON ELASTIC EDGE SUPPORTS. Journal of Sound and Vibration, 1997, 204, 1-16.	2.1	53
169	Optimal locations of point supports in laminated rectangular plates for maximum fundamental frequency. Structural Engineering and Mechanics, 1997, 5, 691-703.	1.0	8
170	Vibration of circular and annular Mindlin plates with internal ring stiffeners. Journal of the Acoustical Society of America, 1996, 100, 3696-3705.	0.5	15
171	Buckling and Vibration of Thick Laminates on Pasternak Foundations. Journal of Engineering Mechanics - ASCE, 1996, 122, 54-63.	1.6	59
172	Exact buckling solutions for composite laminates: proper free edge conditions under in-plane loadings. Acta Mechanica, 1996, 117, 115-128.	1.1	40
173	OPTIMAL DESIGN OF INTERNAL RING SUPPORT FOR RECTANGULAR PLATES AGAINST VIBRATION OR BUCKLING. Journal of Sound and Vibration, 1996, 193, 545-554.	2.1	5
174	Analytical buckling solutions for mindlin plates involving free edges. International Journal of Mechanical Sciences, 1996, 38, 1127-1138.	3.6	67
175	Navier's solution for laminated plate buckling with prebuckling in-plane deformation. International Journal of Solids and Structures, 1996, 33, 1921-1937.	1.3	12
176	Optimal locations of point supports in plates for maximum fundamental frequency. Structural Optimization, 1996, 11, 170-177.	0.7	9
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