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List of Publications by Year
in descending order

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92 papers	3,248 citations	126907 33 h-index	182427 51 g-index
92 all docs	92 docs citations	92 times ranked	1270 citing authors

#	Article	IF	Citations
1	Three-dimensional static analysis of a viscoelastic rectangular functionally graded material plate embedded between piezoelectric sensor and actuator layers. Mechanics Based Design of Structures and Machines, 2023, 51, 3843-3867.	4.7	6
2	Nonlinear aeroelastic analysis of sandwich composite cylindrical panel with auxetic core subjected to the thermal environment. JVC/Journal of Vibration and Control, 2023, 29, 3275-3297.	2.6	7
3	Static and thermal instability analysis of embedded functionally graded carbon nanotube-reinforced composite plates based on HSDT via GDQM and validated modeling by neural network. Mechanics Based Design of Structures and Machines, 2023, 51, 7149-7182.	4.7	11
4	Free vibration and instability analysis of a viscoelastic micro-shell conveying viscous fluid based on modified couple stress theory in thermal environment. Mechanics Based Design of Structures and Machines, 2022, 50, 1198-1236.	4.7	22
5	Nonlinear free and forced vibration analysis of sandwich cylindrical panel with auxetic core and GPLRC facing sheets in hygrothermal environment. Thin-Walled Structures, 2022, 175, 109164.	5.3	22
6	Size-dependent dynamical analysis of spinning nanotubes conveying magnetic nanoflow considering surface and environmental effects. Applied Mathematical Modelling, 2022, 108, 92-121.	4.2	17
7	Vibration of viscoelastic axially graded beams with simultaneous axial and spinning motions under an axial load. Applied Mathematical Modelling, 2021, 90, 131-150.	4.2	48
8	Parametric study of three-dimensional bending and frequency of FG-GPLRC porous circular and annular plates on different boundary conditions. Mechanics Based Design of Structures and Machines, 2021, 49, 707-737.	4.7	102
9	Elasticity Solution for Bending and Frequency Behavior of Sandwich Cylindrical Shell with FG-CNTRC Face-Sheets and Polymer Core Under Initial Stresses. International Journal of Applied Mechanics, 2021, 13, 2150020.	2.2	13
10	Transient response analysis of sandwich cylindrical panel with FGM core subjected to thermal shock. International Journal of Mechanics and Materials in Design, 2021, 17, 707-719.	3.0	11
11	Three-Dimensional Transient Analysis of FGM Rectangular Sandwich Plate Subjected to Thermal Loading Using State Space Differential Quadrature Method. International Journal of Applied Mechanics, 2021, 13, .	2.2	6
12	Global bending analysis of corrugated sandwich panels with integrated piezoelectric layers. Journal of Sandwich Structures and Materials, 2020, 22, 1055-1073.	3.5	22
13	Static and free vibration analysis of graphene platelets reinforced composite truncated conical shell, cylindrical shell, and annular plate using theory of elasticity and DQM. Mechanics Based Design of Structures and Machines, 2020, 48, 496-524.	4.7	123
14	High-Accuracy Approach for Thermomechanical Vibration Analysis of FG-Gplrc Fluid-Conveying Viscoelastic Thick Cylindrical Shell. International Journal of Applied Mechanics, 2020, 12, 2050073.	2.2	51
15	Buckling analyses of functionally graded graphene-reinforced porous cylindrical shell using the Rayleighâ€“Ritz method. Acta Mechanica, 2020, 231, 1887-1902.	2.1	57
16	Three-dimensional static and free vibration analysis of graphene plateletâ€“reinforced porous composite cylindrical shell. JVC/Journal of Vibration and Control, 2020, 26, 1627-1645.	2.6	110
17	Three-dimensional thermoelasticity analysis of graphene platelets reinforced cylindrical panel. European Journal of Mechanics, A/Solids, 2020, 81, 103941.	3.7	28
18	Parametric study of three-dimensional vibration of viscoelastic cylindrical shells on different boundary conditions. JVC/Journal of Vibration and Control, 2019, 25, 2567-2579.	2.6	15

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19	Coupled thermoelasticity analysis of FGM plate integrated with piezoelectric layers under thermal shock. Journal of Thermal Stresses, 2019, 42, 1357-1375.	2.0	16
20	Three-Dimensional Static and Free Vibrational Analysis of Graphene Reinforced Composite Circular/Annular Plate Using Differential Quadrature Method. International Journal of Applied Mechanics, 2019, 11, 1950073.	2.2	49
21	Thermo elasticity solution of functionally graded, solid, circular, and annular plates integrated with piezoelectric layers using the differential quadrature method. Mechanics of Advanced Materials and Structures, 2018, 25, 766-784.	2.6	26
22	Three-dimensional thermoviscoelastic analysis of a FGM cylindrical panel using state space differential quadrature method. Journal of Thermal Stresses, 2018, 41, 383-398.	2.0	12
23	Coupled thermoelasticity analysis of carbon nano tube reinforced composite rectangular plate subjected to thermal shock. Composites Part B: Engineering, 2018, 153, 445-455.	12.0	26
24	Thermo-electro-elasticity solution of functionally graded carbon nanotube reinforced composite cylindrical shell embedded in piezoelectric layers. Composite Structures, 2017, 173, 268-280.	5.8	31
25	Three-dimensional transient analysis of FGM cylindrical shell subjected to thermal and mechanical loading. Journal of Thermal Stresses, 2017, 40, 1166-1183.	2.0	20
26	Three-dimensional elasticity solution for sandwich panels with corrugated cores by using energy method. Thin-Walled Structures, 2017, 119, 404-411.	5.3	30
27	Static and free vibration analysis of sandwich cylindrical shell based on theory of elasticity and using DQM. Acta Mechanica, 2017, 228, 4123-4140.	2.1	29
28	Three dimensional coupled thermoelasticity solution of sandwich plate with FGM core under thermal shock. Composite Structures, 2017, 177, 96-103.	5.8	53
29	Three dimensional static analysis of viscoelastic FGM cylindrical panel using state space differential quadrature method. European Journal of Mechanics, A/Solids, 2017, 61, 254-266.	3.7	20
30	Static and vibration analysis of sandwich cylindrical shell with functionally graded core and viscoelastic interface using DQM. Composites Part B: Engineering, 2017, 126, 1-16.	12.0	48
31	Thermoelastic analysis of functionally graded carbon nanotube reinforced composite cylindrical panel embedded in piezoelectric sensor and actuator layers. Composites Part B: Engineering, 2016, 98, 225-243.	12.0	33
32	Three dimensional thermoviscoelastic analysis of a simply supported FGM cylindrical panel. Composite Structures, 2016, 148, 181-190.	5.8	12
33	Thermoelastic damping analysis of FG Mindlin microplates using strain gradient theory. Journal of Thermal Stresses, 2016, 39, 1499-1522.	2.0	10
34	Three-Dimensional Static and Free Vibration Analysis of Carbon Nano Tube Reinforced Composite Cylindrical Shell Using Differential Quadrature Method. International Journal of Applied Mechanics, 2016, 08, 1650033.	2.2	31
35	Response of functionally graded spherical shell to thermo-mechanical shock. Aerospace Science and Technology, 2016, 51, 61-69.	4.8	12
36	Exact solution for thermal damping of functionally graded Timoshenko microbeams. Journal of Thermal Stresses, 2016, 39, 231-243.	2.0	19

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37	Elasticity solution of functionally graded carbon nanotube-reinforced composite cylindrical panel subjected to thermo mechanical load. Composites Part B: Engineering, 2016, 87, 214-226.	12.0	62
38	Thermo elasticity solution of sandwich circular plate with functionally graded core using generalized differential quadrature method. Composite Structures, 2016, 136, 229-240.	5.8	50
39	Three dimensional static and free vibration analysis of cross-ply laminated plate bonded with piezoelectric layers using differential quadrature method. Meccanica, 2016, 51, 921-937.	2.0	10
40	Effect of viscoelastic interface on three-dimensional static and vibration behavior of laminated composite plate. Composites Part B: Engineering, 2015, 75, 17-28.	12.0	33
41	Static and free vibration analyses of functionally graded sandwich plates using state space differential quadrature method. European Journal of Mechanics, A/Solids, 2015, 54, 252-266.	3.7	58
42	Elasticity Solution of Free Vibration and Bending Behavior of Functionally Graded Carbon Nanotube-Reinforced Composite Beam with Thin Piezoelectric Layers Using Differential Quadrature Method. International Journal of Applied Mechanics, 2015, 07, 1550002.	2.2	62
43	Static and free vibration analyses of carbon nanotube-reinforced composite plate using differential quadrature method. Meccanica, 2015, 50, 61-76.	2.0	88
44	Three-dimensional static and free vibration analysis of laminated cylindrical panel with viscoelastic interfaces. Journal of Composite Materials, 2015, 49, 2415-2430.	2.4	8
45	Three dimensional vibration and bending analysis of carbon nanotubes embedded in elastic medium based on theory of elasticity. Latin American Journal of Solids and Structures, 2014, 11, 2122-2140.	1.0	10
46	Elasticity Solution for Nano-Beam Subjected to Uniform Static Pressure Using State Space Method. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1683-1690.	0.4	0
47	Static Analysis of Carbon Nano-Tubes Based on Shell Model by Using Three-Dimensional Theory of Elasticity. Journal of Computational and Theoretical Nanoscience, 2014, 11, 1954-1961.	0.4	0
48	Three-dimensional thermo-elasticity solution of sandwich cylindrical panel with functionally graded core. Composite Structures, 2014, 107, 458-468.	5.8	42
49	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
50	Free vibration analysis of functionally graded carbon nanotube-reinforced composite cylindrical panel embedded in piezoelectric layers by using theory of elasticity. European Journal of Mechanics, A/Solids, 2014, 44, 104-115.	3.7	113
51	Three-dimensional free vibration of carbon nanotube-reinforced composite plates with various boundary conditions using Ritz method. Composite Structures, 2014, 111, 362-370.	5.8	75
52	Three-dimensional thermoelasticity solution of functionally graded carbon nanotube reinforced composite plate embedded in piezoelectric sensor and actuator layers. Composite Structures, 2014, 118, 482-495.	5.8	69
53	Thermoelastic Behavior of FGM Smart Structures such as Plates and Cylindrical Panels. , 2014, , 5633-5644.		0
54	Three-Dimensional Semi-analytical Thermoelasticity Solution for a Functionally Graded Solid and an Annular Circular Plate. , 2014, , 6124-6132.		0

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55	Thermoelastic analysis of functionally graded carbon nanotube-reinforced composite plate using theory of elasticity. Composite Structures, 2013, 106, 873-881.	5.8	126
56	Free vibration analysis of carbon nanotubes by using three-dimensional theory of elasticity. Acta Mechanica, 2013, 224, 1415-1427.	2.1	74
57	Elasticity solution of functionally graded carbon-nanotube-reinforced composite cylindrical panel with piezoelectric sensor and actuator layers. Smart Materials and Structures, 2013, 22, 075013.	3.5	22
58	Semi-Analytical Solution for the Static Analysis of 2D Functionally Graded Solid and Annular Circular Plates Resting on Elastic Foundation. Mechanics of Advanced Materials and Structures, 2013, 20, 515-528.	2.6	16
59	Fundamental frequency analysis of microtubules under different boundary conditions using differential quadrature method. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 2240-2251.	3.3	8
60	Static analysis of rectangular nano-plate using three-dimensional theory of elasticity. Applied Mathematical Modelling, 2013, 37, 7016-7026.	4.2	20
61	Static analysis of functionally graded carbon nanotube-reinforced composite plate embedded in piezoelectric layers by using theory of elasticity. Composite Structures, 2013, 95, 612-622.	5.8	132
62	Three-dimensional free vibration analysis of multi-layered graphene sheets embedded in elastic matrix. JVC/Journal of Vibration and Control, 2013, 19, 2357-2371.	2.6	29
63	Three-Dimensional Semi-Analytical Thermo-Elasticity Solution for a Functionally Graded Solid and an Annular Circular Plate. Journal of Thermal Stresses, 2012, 35, 653-676.	2.0	19
64	Elasticity solution for the free vibration analysis of functionally graded cylindrical shell bonded to thin piezoelectric layers. International Journal of Pressure Vessels and Piping, 2012, 89, 98-111.	2.6	45
65	Free vibration analysis of nano-plate using three-dimensional theory of elasticity. Acta Mechanica, 2011, 222, 149-159.	2.1	39
66	Thermoelastic solution for static deformations of functionally graded cylindrical shell bonded to thin piezoelectric layers. Composite Structures, 2011, 93, 961-972.	5.8	41
67	Elasticity solution of functionally graded circular and annular plates integrated with sensor and actuator layers using differential quadrature. Composite Structures, 2011, 93, 2473-2486.	5.8	23
68	Exact solution of an FGM cylindrical panel integrated with sensor and actuator layers under thermomechanical load. Smart Materials and Structures, 2011, 20, 035002.	3.5	7
69	Differential quadrature analysis of functionally graded circular and annular sector plates on elastic foundation. Materials & Design, 2010, 31, 1871-1880.	5.1	73
70	Elasticity solution for an FGM cylindrical panel integrated with piezoelectric layers. European Journal of Mechanics, A/Solids, 2010, 29, 714-723.	3.7	37
71	3D free vibration analysis of laminated cylindrical shell integrated piezoelectric layers using the differential quadrature method. Applied Mathematical Modelling, 2010, 34, 4123-4137.	4.2	46
72	Exact solution for thermo-elastic response of functionally graded rectangular plates. Composite Structures, 2010, 92, 113-121.	5.8	66

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73	Thermoelasticity analysis of functionally graded beam with integrated surface piezoelectric layers. Composite Structures, 2010, 92, 1535-1543.	5.8	50
74	Static analysis of functionally graded cylindrical shell with piezoelectric layers using differential quadrature method. Composite Structures, 2010, 92, 1775-1785.	5.8	72
75	Thermo-Elasticity Solution of Functionally Graded Plates Integrated with Piezoelectric Sensor and Actuator Layers. Journal of Thermal Stresses, 2010, 33, 754-774.	2.0	11
76	Three-dimensional Exact Solution for Functionally Graded Rectangular Plate with Integrated Surface Piezoelectric Layers Resting on Elastic Foundation. Mechanics of Advanced Materials and Structures, 2010, 17, 183-195.	2.6	22
77	Static analysis of a functionally graded cylindrical shell with piezoelectric layers as sensor and actuator. Smart Materials and Structures, 2009, 18, 065004.	3.5	23
78	Static and vibration analysis of axi-symmetric angle-ply laminated cylindrical shell using state space differential quadrature method. International Journal of Pressure Vessels and Piping, 2009, 86, 738-747.	2.6	48
79	Forced vibration analysis of antisymmetric laminated rectangular plates with distributed patch mass using third order shear deformation theory. Thin-Walled Structures, 2009, 47, 653-660.	5.3	19
80	Static analysis of cross-ply laminated plates with integrated surface piezoelectric layers using differential quadrature. Composite Structures, 2009, 88, 342-353.	5.8	52
81	Elasticity solution for static analysis of laminated cylindrical panel using differential quadrature method. Engineering Structures, 2009, 31, 260-267.	5.3	22
82	Exact solutions for rectangular Mindlin plates under in-plane loads resting on Pasternak elastic foundation. Part II: Frequency analysis. Computational Materials Science, 2009, 44, 951-961.	3.0	72
83	Exact solutions for rectangular Mindlin plates under in-plane loads resting on Pasternak elastic foundation. Part I: Buckling analysis. Computational Materials Science, 2009, 44, 968-978.	3.0	56
84	Static Analyis of Anisotropic Laminated Cylindrical Shell with Piezoelectric Layers. Mechanics of Advanced Materials and Structures, 2009, 16, 585-596.	2.6	5
85	Free vibration analysis of antisymmetric laminated rectangular plates with distributed patch mass using third-order shear deformation theory. Ocean Engineering, 2008, 35, 183-190.	4.3	25
86	Static analysis of an anisotropic laminated cylindrical shell with piezoelectric layers using differential quadrature method. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2008, 222, 865-880.	2.1	2
87	Static analysis of cross-ply laminated plate with integrated surface piezoelectric layers. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2007, 221, 999-1007.	2.1	0
88	Three-dimensional elasticity solution for laminated cross-ply panel under localized moment. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2007, 221, 859-866.	2.1	1
89	Elasticity solution for the free vibration analysis of laminated cylindrical panels using the differential quadrature method. Composite Structures, 2007, 81, 105-113.	5.8	31
90	Dynamic Analysis of Orthotropic Laminated Cylindrical Panels. Mechanics of Advanced Materials and Structures, 2005, 12, 67-75.	2.6	5

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91	Hygro-thermo-magnetically induced vibration of FG-CNTRC small-scale plate incorporating nonlocality and strain gradient size dependency. Waves in Random and Complex Media, 0, , 1-32.	2.7	8
92	Vibration characteristics of composite sandwich cylindrical panel with double-V auxetic core subjected to the aerohygrothermal environment. Waves in Random and Complex Media, 0, , 1-24.	2.7	5