Hoang Tung

List of Publications by Year
in descending order

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Version: 2024-02-01

54 papers	1,222 citations	361413 20 h-index	414414 32 g-index

54 all docs	54 docs citations	54 times ranked	352 citing authors

#	Article	IF	Citations
1	Mechanical and thermal postbuckling of higher order shear deformable functionally graded plates on elastic foundations. Composite Structures, 2011, 93, 2874-2881.	5.8	92
2	Nonlinear analysis of stability for functionally graded plates under mechanical and thermal loads. Composite Structures, 2010, 92, 1184-1191.	5.8	82
3	Thermal and thermomechanical postbuckling of FGM sandwich plates resting on elastic foundations with tangential edge constraints and temperature dependent properties. Composite Structures, 2015, 131, 1028-1039.	5.8	67
4	Nonlinear response of shear deformable FGM curved panels resting on elastic foundations and subjected to mechanical and thermal loading conditions. Applied Mathematical Modelling, 2014, 38, 2848-2866.	4.2	62
5	Non-linear axisymmetric response of functionally graded shallow spherical shells under uniform external pressure including temperature effects. International Journal of Non-Linear Mechanics, 2011, 46, 1195-1204.	2.6	57
6	Thermal buckling and postbuckling behavior of functionally graded carbon-nanotube-reinforced composite plates resting on elastic foundations with tangential-edge restraints. Journal of Thermal Stresses, 2017, 40, 641-663.	2.0	55
7	Nonlinear response of pressure-loaded functionally graded cylindrical panels with temperature effects. Composite Structures, 2010, 92, 1664-1672.	5.8	53
8	Nonlinear analysis of stability for functionally graded cylindrical panels under axial compression. Computational Materials Science, 2010, 49, S313-S316.	3.0	50
9	Buckling of functionally graded conical panels under mechanical loads. Composite Structures, 2012, 94, 1379-1384.	5.8	44
10	Postbuckling behavior of functionally graded cylindrical panels with tangential edge constraints and resting on elastic foundations. Composite Structures, 2013, 100, 532-541.	5.8	39
11	Postbuckling of functionally graded cylindrical shells with tangential edge restraints and temperature-dependent properties. Acta Mechanica, 2014, 225, 1795-1808.	2.1	33
12	Imperfection and tangential edge constraint sensitivities of thermomechanical nonlinear response of pressure-loaded carbon nanotube-reinforced composite cylindrical panels. Acta Mechanica, 2018, 229, 1949-1969.	2.1	30
13	Thermal and thermomechanical buckling of shear deformable FG-CNTRC cylindrical shells and toroidal shell segments with tangentially restrained edges. Archive of Applied Mechanics, 2020, 90, 1529-1546.	2.2	30
14	Thermal postbuckling behavior of CNT-reinforced composite sandwich plate models resting on elastic foundations with tangentially restrained edges and temperature-dependent properties. Journal of Thermoplastic Composite Materials, 2020, 33, 1396-1428.	4.2	29
15	Thermomechanical postbuckling of pressureâ€loaded CNTâ€reinforced composite cylindrical shells under tangential edge constraints and various temperature conditions. Polymer Composites, 2020, 41, 244-257.	4.6	29
16	Thermomechanical nonlinear analysis of axially compressed carbon nanotube-reinforced composite cylindrical panels resting on elastic foundations with tangentially restrained edges. Journal of Thermal Stresses, 2018, 41, 418-438.	2.0	27
17	Thermomechanical nonlinear buckling of pressure-loaded carbon nanotube reinforced composite toroidal shell segment surrounded by an elastic medium with tangentially restrained edges. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3193-3207.	2.1	26
18	Thermal postbuckling of shear deformable CNT-reinforced composite plates with tangentially restrained edges and temperature-dependent properties. Journal of Thermoplastic Composite Materials, 2020, 33, 97-124.	4.2	26

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19	Nonlinear thermomechanical stability of shear deformable FGM shallow spherical shells resting on elastic foundations with temperature dependent properties. Composite Structures, 2014, 114, 107-116.	5.8	25
20	Postbuckling behavior of CNT-reinforced composite cylindrical shell surrounded by an elastic medium and subjected to combined mechanical loads in thermal environments. Journal of Thermoplastic Composite Materials, 2019, 32, 1319-1346.	4.2	24
21	Tangential Edge Constraint Sensitivity of Nonlinear Stability of CNT-Reinforced Composite Plates under Compressive and Thermomechanical Loadings. Journal of Engineering Mechanics - ASCE, 2018, 144, .	2.9	21
22	Thermomechanical postbuckling behavior of CNT-reinforced composite sandwich plate models resting on elastic foundations with elastically restrained unloaded edges. Journal of Thermal Stresses, 2019, 42, 658-680.	2.0	21
23	Nonlinear stability of CNT-reinforced composite cylindrical panels with elastically restrained straight edges under combined thermomechanical loading conditions. Journal of Thermoplastic Composite Materials, 2020, 33, 153-179.	4.2	21
24	Thermal Nonlinear Buckling of Shear Deformable Functionally Graded Cylindrical Shells with Porosities. AIAA Journal, 2021, 59, 2233-2241.	2.6	21
25	Nonlinear axisymmetric response of FGM shallow spherical shells with tangential edge constraints and resting on elastic foundations. Composite Structures, 2016, 149, 231-238.	5.8	20
26	Nonlinear thermomechanical response of pressure-loaded doubly curved functionally graded material sandwich panels in thermal environments including tangential edge constraints. Journal of Sandwich Structures and Materials, 2018, 20, 974-1008.	3.5	20
27	Thermal buckling and postbuckling of CNT-reinforced composite cylindrical shell surrounded by an elastic medium with tangentially restrained edges. Journal of Thermoplastic Composite Materials, 0, , 089270571985361.	4.2	19
28	Thermomechanical nonlinear stability of pressure-loaded functionally graded carbon nanotube-reinforced composite doubly curved panels with tangentially restrained edges. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 5848-5859.	2.1	18
29	Mechanical buckling analysis of thick FGM toroidal shell segments with porosities using Reddyâ€™s higher order shear deformation theory. Mechanics of Advanced Materials and Structures, 2022, 29, 5923-5932.	2.6	18
30	Buckling of shear deformable FGâ€CNTRC cylindrical shells and toroidal shell segments under mechanical loads in thermal environments. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2020, 100, e201900243.	1.6	17
31	Nonlinear buckling behavior of functionally graded material sandwich cylindrical shells with tangentially restrained edges subjected to external pressure and thermal loadings. Journal of Sandwich Structures and Materials, 2021, 23, 2000-2027.	3.5	16
32	Thermomechanical Nonlinear Buckling of Pressurized Shear Deformable FGM Cylindrical Shells Including Porosities and Elastically Restrained Edges. Journal of Aerospace Engineering, 2021, 34, .	1.4	16
33	Thermally induced postbuckling of higher order shear deformable CNT-reinforced composite flat and cylindrical panels resting on elastic foundations with elastically restrained edges. Mechanics Based Design of Structures and Machines, 2022, 50, 2812-2835.	4.7	15
34	Thermoelastic stability of thin CNT-reinforced composite cylindrical panels with elastically restrained edges under nonuniform in-plane temperature distribution. Journal of Thermoplastic Composite Materials, 2023, 36, 768-793.	4.2	11
35	Thermomechanical nonlinear stability of pressure-loaded CNT-reinforced composite doubly curved panels resting on elastic foundations. Nonlinear Engineering, 2019, 8, 582-596.	2.7	10
36	Buckling Behavior of Thick Porous Functionally Graded Material Toroidal Shell Segments Under External Pressure and Elevated Temperature Including Tangential Edge Restraint. Journal of Pressure Vessel Technology, Transactions of the ASME, 2022, 144, .	0.6	10

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37	Postbuckling Behavior of Carbon-Nanotube-Reinforced Composite Toroidal Shell Segments Subjected to Thermomechanical Loadings. AIAA Journal, 2020, 58, 3187-3198.	2.6	9
38	Thermo-torsional buckling and postbuckling of thin FGM cylindrical shells with porosities and tangentially restrained edges. Mechanics Based Design of Structures and Machines, 2023, 51, 7056-7075.	4.7	9
39	Postbuckling responses of porous FGM spherical caps and circular plates including edge constraints and nonlinear three-parameter elastic foundations. Mechanics Based Design of Structures and Machines, 2023, 51, 4214-4236.	4.7	8
40	Nonlinear buckling of CNT-reinforced composite toroidal shell segment surrounded by an elastic medium and subjected to uniform external pressure. Vietnam Journal of Mechanics, 2018, 40, 285-301.	0.5	6
41	Thermally induced postbuckling of thin CNT-reinforced composite plates under nonuniform in-plane temperature distributions. Journal of Thermoplastic Composite Materials, 2022, 35, 2331-2353.	4.2	5
42	Buckling and postbuckling of CNT-reinforced composite sandwich cylindrical panels subjected to axial compression in thermal environments. Vietnam Journal of Mechanics, 2019, 41, 217-231.	0.5	5
43	An alternative method for determining the coefficient of thermal expansion of composite material of spherical particles. Vietnam Journal of Mechanics, 2007, 29, 58-64.	0.5	5
44	Thermomechanical postbuckling of higher order shear deformable CNT-reinforced composite plates with elastically restrained unloaded edges. Polymers and Polymer Composites, 2021, 29, S857-S875.	1.9	4
45	Nonlinear stability of advanced sandwich cylindrical shells comprising porous functionally graded material and carbon nanotube reinforced composite layers under elevated temperature. Applied Mathematics and Mechanics (English Edition), 2021, 42, 1327-1348.	3.6	4
46	Postbuckling of functionally graded cylindrical shells based on improved Donnell equations. Vietnam Journal of Mechanics, 2013, 35, 1-15.	0.5	4
47	Buckling and postbuckling of axially-loaded CNT-reinforced composite cylindrical shell surrounded by an elastic medium in thermal environment. Vietnam Journal of Mechanics, 2019, 41, 31-49.	0.5	3
48	Thermoelastic stability of thick imperfect functionally graded plates. Vietnam Journal of Mechanics, 2010, 32, 47-58.	0.5	2
49	Nonlinear thermo-mechanical stability of shear deformable FGM sandwich shallow spherical shells with tangential edge constraints. Vietnam Journal of Mechanics, 2017, 39, 351-364.	0.5	2
50	Thermal and thermomechanical buckling of CNT-reinforced composite sandwich cylindrical shells including elasticity of tangential edge restraint. Vietnam Journal of Mechanics, 0, , .	0.5	1
51	Postbuckling of thick FGM cylindrical panels with tangential edge constraints and temperature dependent properties. Vietnam Journal of Mechanics, 2016, 38, 123-140.	0.5	1
52	Thermomechanical postbuckling of thick FGM plates resting on elastic foundations with tangential edge constraints. Vietnam Journal of Mechanics, 2016, 38, 63-79.	0.5	0
53	Thermal postbuckling analysis of FG-CNTRC doubly curved panels with elastically restrained edges using Reddy's higher order shear deformation theory. Vietnam Journal of Mechanics, 2020, 42, 307-320.	0.5	0
54	Nonlinear response of doubly curved sandwich panels with CNT-reinforced composite core and elastically restrained edges subjected to external pressure in thermal environments. Vietnam Journal of Mechanics, 0, , .	0.5	0