

Hoang Tung

List of Publications by Year in descending order

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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	Postbuckling responses of porous FGM spherical caps and circular plates including edge constraints and nonlinear three-parameter elastic foundations. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 4214-4236.	4.7	8
2	Thermoelastic stability of thin CNT-reinforced composite cylindrical panels with elastically restrained edges under nonuniform in-plane temperature distribution. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 768-793.	4.2	11
3	Thermo-torsional buckling and postbuckling of thin FGM cylindrical shells with porosities and tangentially restrained edges. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 7056-7075.	4.7	9
4	Thermally induced postbuckling of thin CNT-reinforced composite plates under nonuniform in-plane temperature distributions. <i>Journal of Thermoplastic Composite Materials</i> , 2022, 35, 2331-2353.	4.2	5
5	Thermally induced postbuckling of higher order shear deformable CNT-reinforced composite flat and cylindrical panels resting on elastic foundations with elastically restrained edges. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 2812-2835.	4.7	15
6	Mechanical buckling analysis of thick FGM toroidal shell segments with porosities using Reddy's higher order shear deformation theory. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 5923-5932.	2.6	18
7	Buckling Behavior of Thick Porous Functionally Graded Material Toroidal Shell Segments Under External Pressure and Elevated Temperature Including Tangential Edge Restraint. <i>Journal of Pressure Vessel Technology</i> , Transactions of the ASME, 2022, 144, .	0.6	10
8	Nonlinear buckling behavior of functionally graded material sandwich cylindrical shells with tangentially restrained edges subjected to external pressure and thermal loadings. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2000-2027.	3.5	16
9	Thermomechanical Nonlinear Buckling of Pressurized Shear Deformable FGM Cylindrical Shells Including Porosities and Elastically Restrained Edges. <i>Journal of Aerospace Engineering</i> , 2021, 34, .	1.4	16
10	Thermomechanical postbuckling of higher order shear deformable CNT-reinforced composite plates with elastically restrained unloaded edges. <i>Polymers and Polymer Composites</i> , 2021, 29, S857-S875.	1.9	4
11	Thermal Nonlinear Buckling of Shear Deformable Functionally Graded Cylindrical Shells with Porosities. <i>AIAA Journal</i> , 2021, 59, 2233-2241.	2.6	21
12	Nonlinear stability of advanced sandwich cylindrical shells comprising porous functionally graded material and carbon nanotube reinforced composite layers under elevated temperature. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2021, 42, 1327-1348.	3.6	4
13	Thermal postbuckling of shear deformable CNT-reinforced composite plates with tangentially restrained edges and temperature-dependent properties. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 97-124.	4.2	26
14	Nonlinear stability of CNT-reinforced composite cylindrical panels with elastically restrained straight edges under combined thermomechanical loading conditions. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 153-179.	4.2	21
15	Thermal postbuckling behavior of CNT-reinforced composite sandwich plate models resting on elastic foundations with tangentially restrained edges and temperature-dependent properties. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 1396-1428.	4.2	29
16	Thermomechanical postbuckling of pressure-loaded CNT-reinforced composite cylindrical shells under tangential edge constraints and various temperature conditions. <i>Polymer Composites</i> , 2020, 41, 244-257.	4.6	29
17	Postbuckling Behavior of Carbon-Nanotube-Reinforced Composite Toroidal Shell Segments Subjected to Thermomechanical Loadings. <i>AIAA Journal</i> , 2020, 58, 3187-3198.	2.6	9
18	Thermal and thermomechanical buckling of shear deformable FG-CNTRC cylindrical shells and toroidal shell segments with tangentially restrained edges. <i>Archive of Applied Mechanics</i> , 2020, 90, 1529-1546.	2.2	30

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19	Buckling of shear deformable FG-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
20	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
21	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
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	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	Postbuckling of functionally graded cylindrical shells with tangential edge restraints and temperature-dependent properties. Acta Mechanica, 2014, 225, 1795-1808.	2.1	33
40	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
41	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
42	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
43	Postbuckling of functionally graded cylindrical shells based on improved Donnell equations. Vietnam Journal of Mechanics, 2013, 35, 1-15.	0.5	4
44	Buckling of functionally graded conical panels under mechanical loads. Composite Structures, 2012, 94, 1379-1384.	5.8	44
45	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
46	Mechanical and thermal postbuckling of higher order shear deformable functionally graded plates on elastic foundations. Composite Structures, 2011, 93, 2874-2881.	5.8	92
47	Nonlinear analysis of stability for functionally graded plates under mechanical and thermal loads. Composite Structures, 2010, 92, 1184-1191.	5.8	82
48	Nonlinear response of pressure-loaded functionally graded cylindrical panels with temperature effects. Composite Structures, 2010, 92, 1664-1672.	5.8	53
49	Nonlinear analysis of stability for functionally graded cylindrical panels under axial compression. Computational Materials Science, 2010, 49, S313-S316.	3.0	50
50	Thermoelastic stability of thick imperfect functionally graded plates. Vietnam Journal of Mechanics, 2010, 32, 47-58.	0.5	2
51	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
52	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
53	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
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