

Hoang Tung

List of Publications by Year in descending order

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54
papers

1,222
citations

361045

20
h-index

414034

32
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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. <i>Composite Structures</i> , 2011, 93, 2874-2881.	3.1	92
2	Nonlinear analysis of stability for functionally graded plates under mechanical and thermal loads. <i>Composite Structures</i> , 2010, 92, 1184-1191.	3.1	82
3	Thermal and thermomechanical postbuckling of FGM sandwich plates resting on elastic foundations with tangential edge constraints and temperature dependent properties. <i>Composite Structures</i> , 2015, 131, 1028-1039.	3.1	67
4	Nonlinear response of shear deformable FGM curved panels resting on elastic foundations and subjected to mechanical and thermal loading conditions. <i>Applied Mathematical Modelling</i> , 2014, 38, 2848-2866.	2.2	62
5	Non-linear axisymmetric response of functionally graded shallow spherical shells under uniform external pressure including temperature effects. <i>International Journal of Non-Linear Mechanics</i> , 2011, 46, 1195-1204.	1.4	57
6	Thermal buckling and postbuckling behavior of functionally graded carbon-nanotube-reinforced composite plates resting on elastic foundations with tangential-edge restraints. <i>Journal of Thermal Stresses</i> , 2017, 40, 641-663.	1.1	55
7	Nonlinear response of pressure-loaded functionally graded cylindrical panels with temperature effects. <i>Composite Structures</i> , 2010, 92, 1664-1672.	3.1	53
8	Nonlinear analysis of stability for functionally graded cylindrical panels under axial compression. <i>Computational Materials Science</i> , 2010, 49, S313-S316.	1.4	50
9	Buckling of functionally graded conical panels under mechanical loads. <i>Composite Structures</i> , 2012, 94, 1379-1384.	3.1	44
10	Postbuckling behavior of functionally graded cylindrical panels with tangential edge constraints and resting on elastic foundations. <i>Composite Structures</i> , 2013, 100, 532-541.	3.1	39
11	Postbuckling of functionally graded cylindrical shells with tangential edge restraints and temperature-dependent properties. <i>Acta Mechanica</i> , 2014, 225, 1795-1808.	1.1	33
12	Imperfection and tangential edge constraint sensitivities of thermomechanical nonlinear response of pressure-loaded carbon nanotube-reinforced composite cylindrical panels. <i>Acta Mechanica</i> , 2018, 229, 1949-1969.	1.1	30
13	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.	1.2	30
14	Thermal postbuckling behavior of CNT-reinforced composite sandwich plate models resting on elastic foundations with tangentially restrained edges and temperature-dependent properties. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 1396-1428.	2.6	29
15	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.	2.3	29
16	Thermomechanical nonlinear analysis of axially compressed carbon nanotube-reinforced composite cylindrical panels resting on elastic foundations with tangentially restrained edges. <i>Journal of Thermal Stresses</i> , 2018, 41, 418-438.	1.1	27
17	Thermomechanical nonlinear buckling of pressure-loaded carbon nanotube reinforced composite toroidal shell segment surrounded by an elastic medium with tangentially restrained edges. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 3193-3207.	1.1	26
18	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.	2.6	26

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19	Nonlinear thermomechanical stability of shear deformable FGM shallow spherical shells resting on elastic foundations with temperature dependent properties. <i>Composite Structures</i> , 2014, 114, 107-116.	3.1	25
20	Postbuckling behavior of CNT-reinforced composite cylindrical shell surrounded by an elastic medium and subjected to combined mechanical loads in thermal environments. <i>Journal of Thermoplastic Composite Materials</i> , 2019, 32, 1319-1346.	2.6	24
21	Tangential Edge Constraint Sensitivity of Nonlinear Stability of CNT-Reinforced Composite Plates under Compressive and Thermomechanical Loadings. <i>Journal of Engineering Mechanics - ASCE</i> , 2018, 144, .	1.6	21
22	Thermomechanical postbuckling behavior of CNT-reinforced composite sandwich plate models resting on elastic foundations with elastically restrained unloaded edges. <i>Journal of Thermal Stresses</i> , 2019, 42, 658-680.	1.1	21
23	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.	2.6	21
24	Thermal Nonlinear Buckling of Shear Deformable Functionally Graded Cylindrical Shells with Porosities. <i>AIAA Journal</i> , 2021, 59, 2233-2241.	1.5	21
25	Nonlinear axisymmetric response of FGM shallow spherical shells with tangential edge constraints and resting on elastic foundations. <i>Composite Structures</i> , 2016, 149, 231-238.	3.1	20
26	Nonlinear thermomechanical response of pressure-loaded doubly curved functionally graded material sandwich panels in thermal environments including tangential edge constraints. <i>Journal of Sandwich Structures and Materials</i> , 2018, 20, 974-1008.	2.0	20
27	Thermal buckling and postbuckling of CNT-reinforced composite cylindrical shell surrounded by an elastic medium with tangentially restrained edges. <i>Journal of Thermoplastic Composite Materials</i> , 0, , 089270571985361.	2.6	19
28	Thermomechanical nonlinear stability of pressure-loaded functionally graded carbon nanotube-reinforced composite doubly curved panels with tangentially restrained edges. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 5848-5859.	1.1	18
29	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.	1.5	18
30	Buckling of shear deformable FG-CNTRC cylindrical shells and toroidal shell segments under mechanical loads in thermal environments. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2020, 100, e201900243.	0.9	17
31	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.	2.0	16
32	Thermomechanical Nonlinear Buckling of Pressurized Shear Deformable FGM Cylindrical Shells Including Porosities and Elastically Restrained Edges. <i>Journal of Aerospace Engineering</i> , 2021, 34, .	0.8	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. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 2812-2835.	3.4	15
34	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.	2.6	11
35	Thermomechanical nonlinear stability of pressure-loaded CNT-reinforced composite doubly curved panels resting on elastic foundations. <i>Nonlinear Engineering</i> , 2019, 8, 582-596.	1.4	10
36	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> , <i>Transactions of the ASME</i> , 2022, 144, .	0.4	10

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37	Postbuckling Behavior of Carbon-Nanotube-Reinforced Composite Toroidal Shell Segments Subjected to Thermomechanical Loadings. <i>AIAA Journal</i> , 2020, 58, 3187-3198.	1.5	9
38	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.	3.4	9
39	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.	3.4	8
40	Nonlinear buckling of CNT-reinforced composite toroidal shell segment surrounded by an elastic medium and subjected to uniform external pressure. <i>Vietnam Journal of Mechanics</i> , 2018, 40, 285-301.	0.2	6
41	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.	2.6	5
42	Buckling and postbuckling of CNT-reinforced composite sandwich cylindrical panels subjected to axial compression in thermal environments. <i>Vietnam Journal of Mechanics</i> , 2019, 41, 217-231.	0.2	5
43	An alternative method for determining the coefficient of thermal expansion of composite material of spherical particles. <i>Vietnam Journal of Mechanics</i> , 2007, 29, 58-64.	0.2	5
44	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.	1.0	4
45	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.	1.9	4
46	Postbuckling of functionally graded cylindrical shells based on improved Donnell equations. <i>Vietnam Journal of Mechanics</i> , 2013, 35, 1-15.	0.2	4
47	Buckling and postbuckling of axially-loaded CNT-reinforced composite cylindrical shell surrounded by an elastic medium in thermal environment. <i>Vietnam Journal of Mechanics</i> , 2019, 41, 31-49.	0.2	3
48	Thermoelastic stability of thick imperfect functionally graded plates. <i>Vietnam Journal of Mechanics</i> , 2010, 32, 47-58.	0.2	2
49	Nonlinear thermo-mechanical stability of shear deformable FGM sandwich shallow spherical shells with tangential edge constraints. <i>Vietnam Journal of Mechanics</i> , 2017, 39, 351-364.	0.2	2
50	Thermal and thermomechanical buckling of CNT-reinforced composite sandwich cylindrical shells including elasticity of tangential edge restraint. <i>Vietnam Journal of Mechanics</i> , 0, , .	0.2	1
51	Postbuckling of thick FGM cylindrical panels with tangential edge constraints and temperature dependent properties. <i>Vietnam Journal of Mechanics</i> , 2016, 38, 123-140.	0.2	1
52	Thermomechanical postbuckling of thick FGM plates resting on elastic foundations with tangential edge constraints. <i>Vietnam Journal of Mechanics</i> , 2016, 38, 63-79.	0.2	0
53	Thermal postbuckling analysis of FG-CNTRC doubly curved panels with elastically restrained edges using Reddy's higher order shear deformation theory. <i>Vietnam Journal of Mechanics</i> , 2020, 42, 307-320.	0.2	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. <i>Vietnam Journal of Mechanics</i> , 0, , .	0.2	0