

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
g-index

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all docs

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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.	3.4	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.	2.6	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.	3.4	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.	2.6	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.	3.4	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.	1.5	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, .	0.4	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.	2.0	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, .	0.8	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.	1.0	4
11	Thermal Nonlinear Buckling of Shear Deformable Functionally Graded Cylindrical Shells with Porosities. <i>AIAA Journal</i> , 2021, 59, 2233-2241.	1.5	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.	1.9	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.	2.6	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.	2.6	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.	2.6	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.	2.3	29
17	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
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.	1.2	30

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19	Buckling of shear deformable FG-CNT/RC cylindrical shells and toroidal shell segments under mechanical loads in thermal environments. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2020, 100, e201900243.	0.9	17
20	Thermal postbuckling analysis of FG-CNT/RC doubly curved panels with elastically restrained edges using Reddy's higher order shear deformation theory. Vietnam Journal of Mechanics, 2020, 42, 307-320.	0.2	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.	1.1	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.	1.1	21
23	Thermomechanical nonlinear stability of pressure-loaded CNT-reinforced composite doubly curved panels resting on elastic foundations. Nonlinear Engineering, 2019, 8, 582-596.	1.4	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.	2.6	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.	1.1	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.	0.2	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.	0.2	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.	1.1	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.	1.1	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.	2.0	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, .	1.6	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.	0.2	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.	1.1	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.	0.2	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.	3.1	20
36	Thermomechanical postbuckling of thick FGM plates resting on elastic foundations with tangential edge constraints. Vietnam Journal of Mechanics, 2016, 38, 63-79.	0.2	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.	0.2	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.	3.1	67
39	Postbuckling of functionally graded cylindrical shells with tangential edge restraints and temperature-dependent properties. Acta Mechanica, 2014, 225, 1795-1808.	1.1	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.	2.2	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.	3.1	25
42	Postbuckling behavior of functionally graded cylindrical panels with tangential edge constraints and resting on elastic foundations. Composite Structures, 2013, 100, 532-541.	3.1	39
43	Postbuckling of functionally graded cylindrical shells based on improved Donnell equations. Vietnam Journal of Mechanics, 2013, 35, 1-15.	0.2	4
44	Buckling of functionally graded conical panels under mechanical loads. Composite Structures, 2012, 94, 1379-1384.	3.1	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.	1.4	57
46	Mechanical and thermal postbuckling of higher order shear deformable functionally graded plates on elastic foundations. Composite Structures, 2011, 93, 2874-2881.	3.1	92
47	Nonlinear analysis of stability for functionally graded plates under mechanical and thermal loads. Composite Structures, 2010, 92, 1184-1191.	3.1	82
48	Nonlinear response of pressure-loaded functionally graded cylindrical panels with temperature effects. Composite Structures, 2010, 92, 1664-1672.	3.1	53
49	Nonlinear analysis of stability for functionally graded cylindrical panels under axial compression. Computational Materials Science, 2010, 49, S313-S316.	1.4	50
50	Thermoelastic stability of thick imperfect functionally graded plates. Vietnam Journal of Mechanics, 2010, 32, 47-58.	0.2	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.	0.2	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.	2.6	19
53	Thermal and thermomechanical buckling of CNT-reinforced composite sandwich cylindrical shells including elasticity of tangential edge restraint. Vietnam Journal of Mechanics, 0, , .	0.2	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, , .	0.2	0