

Yuewu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

800
citations

567144

15
h-index

752573

20
g-index

21
all docs

21
docs citations

21
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Free vibration of functionally graded porous cylindrical shell using a sinusoidal shear deformation theory. <i>Aerospace Science and Technology</i> , 2017, 66, 83-91.	2.5	195
2	Vibration response of a functionally graded graphene nanoplatelet reinforced composite beam under two successive moving masses. <i>Composite Structures</i> , 2019, 209, 928-939.	3.1	93
3	On the thermal buckling and postbuckling responses of temperature-dependent graphene platelets reinforced porous nanocomposite beams. <i>Composite Structures</i> , 2022, 296, 115880.	3.1	65
4	Thermal effect on the dynamic response of axially functionally graded beam subjected to a moving harmonic load. <i>Acta Astronautica</i> , 2016, 127, 171-181.	1.7	57
5	Vibration and flutter characteristics of GPL-reinforced functionally graded porous cylindrical panels subjected to supersonic flow. <i>Acta Astronautica</i> , 2021, 183, 89-100.	1.7	49
6	Transient response of a sandwich beam with functionally graded porous core traversed by a non-uniformly distributed moving mass. <i>International Journal of Mechanics and Materials in Design</i> , 2020, 16, 519-540.	1.7	41
7	Vibration analysis of functionally graded porous shear deformable tubes excited by moving distributed loads. <i>Acta Astronautica</i> , 2018, 151, 603-613.	1.7	40
8	An accurate size-dependent sinusoidal shear deformable framework for GNP-reinforced cylindrical panels: Applications to dynamic stability analysis. <i>Thin-Walled Structures</i> , 2021, 160, 107400.	2.7	36
9	Hygrothermal mechanical behaviors of axially functionally graded microbeams using a refined first order shear deformation theory. <i>Acta Astronautica</i> , 2020, 166, 306-316.	1.7	32
10	Nonlinear free vibration analysis of functionally graded beams by using different shear deformation theories. <i>Applied Mathematical Modelling</i> , 2020, 77, 1860-1880.	2.2	27
11	Dynamic response of axially functionally graded beam with longitudinal-transverse coupling effect. <i>Aerospace Science and Technology</i> , 2019, 85, 85-95.	2.5	25
12	Bending and Elastic Vibration of a Novel Functionally Graded Polymer Nanocomposite Beam Reinforced by Graphene Nanoplatelets. <i>Nanomaterials</i> , 2019, 9, 1690.	1.9	20
13	Nonlinear static behaviors of functionally graded polymer-based circular microarches reinforced by graphene oxide nanofillers. <i>Results in Physics</i> , 2020, 16, 102894.	2.0	20
14	A unified modified couple stress model for size-dependent free vibrations of FG cylindrical microshells based on high-order shear deformation theory. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	19
15	A size-dependent shear deformable computational framework for transient response of GNP-reinforced metal foam cylindrical shells subjected to localized impulsive loads. <i>Applied Mathematical Modelling</i> , 2022, 109, 578-598.	2.2	19
16	Vibration analysis of functionally graded graphene oxide-reinforced composite beams using a new Ritz-solution shape function. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	0.8	17
17	Nonlinear vibration analysis of third-order shear deformable functionally graded beams by a new method based on direct numerical integration technique. <i>International Journal of Mechanics and Materials in Design</i> , 2020, 16, 839-855.	1.7	13
18	A third order shear deformable model and its applications for nonlinear dynamic response of graphene oxides reinforced curved beams resting on visco-elastic foundation and subjected to moving loads. <i>Engineering With Computers</i> , 2022, 38, 2805-2819.	3.5	13

#	ARTICLE	IF	CITATIONS
19	Nonlinear bending of axially functionally graded microbeams reinforced by graphene nanoplatelets in thermal environments. <i>Materials Research Express</i> , 2019, 6, 085615.	0.8	11
20	Free vibration and dynamic response of micro-scale functionally graded circular arches by using a quasi-3D theory. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	0.8	6
21	In-plane free vibrations of functionally graded sandwich arches using shear and quasi-3D deformation theories. <i>Journal of Sandwich Structures and Materials</i> , 0, , 109963622110219.	2.0	2