

Ahmed Amine Daikh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Size dependent free vibration and buckling of multilayered carbon nanotubes reinforced composite nanoplates in thermal environment. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 1371-1399.	4.7	33
2	Analysis of axially temperature-dependent functionally graded carbon nanotube reinforced composite plates. <i>Engineering With Computers</i> , 2022, 38, 2533-2554.	6.1	39
3	Static and dynamic stability responses of multilayer functionally graded carbon nanotubes reinforced composite nanoplates via quasi 3D nonlocal strain gradient theory. <i>Defence Technology</i> , 2022, 18, 1778-1809.	4.2	26
4	On the finite element analysis of functionally graded sandwich curved beams via a new refined higher order shear deformation theory. <i>Composite Structures</i> , 2022, 279, 114715.	5.8	42
5	A Dynamic Analysis of Randomly Oriented Functionally Graded Carbon Nanotubes/Fiber-Reinforced Composite Laminated Shells with Different Geometries. <i>Mathematics</i> , 2022, 10, 408.	2.2	17
6	Free Vibration of FG-CNTRCs Nano-Plates/Shells with Temperature-Dependent Properties. <i>Mathematics</i> , 2022, 10, 583.	2.2	21
7	Bending and Buckling of FG-GRNC Laminated Plates via Quasi-3D Nonlocal Strain Gradient Theory. <i>Mathematics</i> , 2022, 10, 1321.	2.2	20
8	On vibration of functionally graded sandwich nanoplates in the thermal environment. <i>Journal of Sandwich Structures and Materials</i> , 2021, 23, 2217-2244.	3.5	40
9	A novel nonlocal strain gradient Quasi-3D bending analysis of sigmoid functionally graded sandwich nanoplates. <i>Composite Structures</i> , 2021, 262, 113347.	5.8	48
10	Buckling Analysis of CNTRC Curved Sandwich Nanobeams in Thermal Environment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3250.	2.5	19
11	Nonlocal finite element model for the bending and buckling analysis of functionally graded nanobeams using a novel shear deformation theory. <i>Composite Structures</i> , 2021, 264, 113712.	5.8	56
12	Temperature dependent thermomechanical bending response of functionally graded sandwich plates. <i>Engineering Research Express</i> , 2020, 2, 015006.	1.6	18
13	Size-dependent free vibration and buckling analysis of sigmoid and power law functionally graded sandwich nanobeams with microstructural defects. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 3667-3688.	2.1	20
14	Buckling analysis of porous FGM sandwich nanoplates due to heat conduction via nonlocal strain gradient theory. <i>Engineering Research Express</i> , 2019, 1, 015022.	1.6	26
15	Free vibration and buckling of porous power-law and sigmoid functionally graded sandwich plates using a simple higher-order shear deformation theory. <i>Materials Research Express</i> , 2019, 6, 115707.	1.6	65
16	Temperature dependent vibration analysis of functionally graded sandwich plates resting on Winkler/Pasternak/Kerr foundation. <i>Materials Research Express</i> , 2019, 6, 065702.	1.6	12
17	Effect of porosity on the bending analysis of various functionally graded sandwich plates. <i>Materials Research Express</i> , 2019, 6, 065703.	1.6	49
18	Thermal buckling analysis of functionally graded sandwich plates. <i>Journal of Thermal Stresses</i> , 2018, 41, 139-159.	2.0	39

#	ARTICLE	IF	CITATIONS
19	Thermal Buckling of Functionally Graded Sandwich Beams. Advanced Materials Research, 0, 1156, 43-59.	0.3	12