Ahmed Amine Daikh

List of Publications by Year
in descending order

19	618	567281	794594
papers	citations	15	19
		h-index	g-index

24	24	24	248
all docs	docs citations	times ranked	citing authors

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

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