Hela D El-Shahrany

List of Publications by Year
in descending order

15	192	1307594 7	1125743 13
papers	citations	h-index	g-index

15	15	15	76
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control of hygrothermal vibration of viscoelastic magnetostrictive laminates resting on Kerrâ€™s foundation. Mechanics Based Design of Structures and Machines, 2023, 51, 3509-3537.	4.7	2
2	Controlled motion of viscoelastic fiber-reinforced magnetostrictive sandwich plates resting on visco-Pasternak foundation. Mechanics of Advanced Materials and Structures, 2022, 29, 2312-2321.	2.6	7
3	Hygrothermal vibration of a cross-ply composite plate with magnetostrictive layers, viscoelastic faces, and a homogeneous core. Engineering With Computers, 2022, 38, 4437-4456.	6.1	1
4	Active control of a sandwich plate with reinforced magnetostrictive faces and viscoelastic core, resting on elastic foundation. Journal of Intelligent Material Systems and Structures, 2022, 33, 1321-1337.	2.5	3
5	Quasi-3D theory for the vibration of a magnetostrictive laminated plate on elastic medium with viscoelastic core and faces. Composite Structures, 2021, 257, 113091.	5.8	18
6	Hygrothermal vibration of adaptive composite magnetostrictive laminates supported by elastic substrate medium. European Journal of Mechanics, A/Solids, 2021, 85, 104140.	3.7	25
7	Hygrothermal forced vibration of a viscoelastic laminated plate with magnetostrictive actuators resting on viscoelastic foundations. International Journal of Mechanics and Materials in Design, 2021, 17, 301-320.	3.0	27
8	Nonlinear hygrothermal effects on the vibrations of a magnetostrictive viscoelastic laminated sandwich plate resting on an elastic medium. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	3.8	5
9	Frequency control of cross-ply magnetostrictive viscoelastic plates resting on Kerr-type elastic medium. European Physical Journal Plus, 2021, 136, 1.	2.6	10
10	Quasi-3D theory for the vibration and deflection of a magnetostrictive composite plate resting on a viscoelastic medium. Composite Structures, 2021, 269, 114028.	5.8	10
11	Hygrothermal vibration of a laminated sandwich plate with magnetostrictive faces and a homogeneous core. Polymer Composites, 2021, 42, 6672-6687.	4.6	4
12	Hygrothermal effect on vibration of magnetostrictive viscoelastic sandwich plates supported by Pasternak's foundations. Thin-Walled Structures, 2020, 157, 107007.	5.3	30
13	Control of a laminated composite plate resting on Pasternakâ€™s foundations using magnetostrictive layers. Archive of Applied Mechanics, 2020, 90, 1943-1959.	2.2	21
14	Vibration suppression of advanced plates embedded magnetostrictive layers via various theories. Journal of Materials Research and Technology, 2020, 9, 4727-4748.	5.8	27
15	Hygrothermal Vibration and Damping Behavior of Magnetostrictive Sandwich Plate Resting On Pasternakâ€™s Foundations. Applied Composite Materials, 0, , .	2.5	2