

Hela D El-Shahrany

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

192
citations

1307594

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1125743

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15
times ranked

76
citing authors

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