Sudarshan Dhua

List of Publications by Year
in descending order

19 papers	273 citations

1040056

9 h-index

996975

15 g-index

19 all docs	19 docs citations

19 times ranked

96 citing authors

#	Article	IF	Citations
1	Reflection and transmission of three-dimensional plane wave between distinct fiber-reinforced medium under initial stress. Mechanics of Advanced Materials and Structures, 2022, 29, 5108-5121.	2.6	9
2	Multistability and Bubbling Route to Chaos in a Deterministic Model for Geomagnetic Field Reversals. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1930034.	1.7	7
3	Propagation of shear waves in homogeneous and inhomogeneous fibre-reinforced media on a cylindrical Earth model. Applied Mathematical Modelling, 2017, 52, 493-511.	4.2	16
4	Influence of magnetic effect, anisotropy, irregularity, initial stress and heterogeneity on propagation of SH-wave in an irregular pre-stressed magnetoelastic monoclinic sandwiched layer. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	6
5	Effects of Anisotropy, Initial Stress, Heterogeneity, and Gravity on Torsional Wave Propagation. International Journal of Geomechanics, 2017, 17, .	2.7	6
6	Reflection of Three-Dimensional Plane Waves in a Self-Reinforced Medium under Initial Stresses. Journal of Engineering Mechanics - ASCE, 2016, 142, .	2.9	11
7	Wave propagation in heterogeneous layers of the Earth. Waves in Random and Complex Media, 2016, 26, 626-641.	2.7	11
8	Reflection and Refraction for Three-Dimensional Plane Waves at the Interface between Distinct Anisotropic Half-Spaces under Initial Stresses. International Journal of Geomechanics, 2016, 16, .	2.7	21
9	Quasi-P and quasi-S waves in a self–reinforced medium under initial stresses and under gravity. JVC/Journal of Vibration and Control, 2016, 22, 3965-3985.	2.6	16
10	Seismic Waves in Heterogeneous Crust-Mantle Layers under Initial Stresses. Journal of Earthquake Engineering, 2016, 20, 39-61.	2.5	18
11	Propagation of shear waves in viscoelastic heterogeneous layer overlying an initially stressed half space. Journal of Physics: Conference Series, 2015, 662, 012001.	0.4	8
12	Torsional wave in an initially stressed layer lying between two inhomogeneous media. Meccanica, 2015, 50, 1775-1789.	2.0	16
13	Response of moving load due to irregularity in slightly compressible, finitely deformed elastic media. Mechanics Research Communications, 2015, 66, 49-59.	1.8	7
14	Dispersion of shear wave propagating in vertically heterogeneous double layers overlying an initially stressed isotropic half-space. Soil Dynamics and Earthquake Engineering, 2015, 69, 16-27.	3.8	20
15	Propagation of torsional wave in a composite layer overlying an anisotropic heterogeneous half-space with initial stress. JVC/Journal of Vibration and Control, 2015, 21, 1987-1998.	2.6	19
16	Propagation of surface wave in a fluid layer overlying a slightly compressible, finitely deformed elastic medium. JVC/Journal of Vibration and Control, 2015, 21, 2697-2704.	2.6	5
17	Reflection in a highly anisotropic medium for three-dimensional plane waves under initial stresses. International Journal of Engineering Science, 2014, 85, 136-149.	5.0	37
18	Torsional surface waves in heterogeneous anisotropic half-space under initial stress. Archive of Applied Mechanics, 2013, 83, 357-366.	2.2	32

#	Article	IF	Citations
19	Influence of initial stress on shear wave scattering in a functionally graded magneto-visco-elastic orthotropic multi-layered structure. Waves in Random and Complex Media, 0, , 1-25.	2.7	8