Roushan Kumar

List of Publications by Year
in descending order

24 papers	436 citations	687363 13 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	125 citing authors

#	Article	IF	Citations
1	Analysis of magnetic field effect in micro-beam resonators at distinct boundary conditions. Waves in Random and Complex Media, 2023, 33, 312-328.	2.7	3
2	Significance of memory-dependent derivative approach for the analysis of thermoelastic damping in micromechanical resonators. Mechanics of Time-Dependent Materials, 2022, 26, 101-118.	4.4	18
3	Effect of two-temperature parameter on thermoelastic vibration in micro and nano beam resonator. European Journal of Mechanics, A/Solids, 2021, 89, 104310.	3.7	7
4	On the characterization and stability of plane waves under hyperbolic two-temperature generalized thermoelasticity. Journal of Thermal Stresses, 2020, 43, 1513-1530.	2.0	1
5	Thermoelastic interactions on hyperbolic two-temperature generalized thermoelasticity in an infinite medium with a cylindrical cavity. European Journal of Mechanics, A/Solids, 2020, 82, 104007.	3.7	15
6	Effects of Phase Lags on Thermoelastic Damping in Micro-Beam Resonators. International Journal of Structural Stability and Dynamics, 2019, 19, 1971005.	2.4	16
7	A study of thermoelastic damping in micromechanical resonators under unified generalized thermoelasticity formulation. Noise and Vibration Worldwide, 2019, 50, 169-175.	1.0	4
8	Effects of phase-lag on thermoelastic damping in micromechanical resonators. Journal of Thermal Stresses, 2018, 41, 1115-1124.	2.0	27
9	A Domain of Influence Theorem for Thermoelasticity with Three-Phase-Lag Model. Journal of Thermal Stresses, 2015, 38, 744-755.	2.0	20
10	Some theorems on two-temperature generalized thermoelasticity. Archive of Applied Mechanics, 2011, 81, 1031-1040.	2.2	10
11	Effects of phase lags on wave propagation in an infinite solid due to a continuous line heat source. Acta Mechanica, 2011, 217, 243-256.	2.1	16
12	Some theorems on generalized thermoelastic diffusion. Acta Mechanica, 2011, 217, 287-296.	2.1	15
13	On the Theory of Two-Temperature Thermoelasticity with Two Phase-Lags. Journal of Thermal Stresses, 2011, 34, 352-365.	2.0	25
14	State-space approach to thermoelastic interactions in generalized thermoelasticity type III. Archive of Applied Mechanics, 2010, 80, 869-881.	2.2	5
15	Analysis of phase-lag effects on wave propagation in a thick plate under axisymmetric temperature distribution. Acta Mechanica, 2010, 210, 331-344.	2.1	39
16	On the representation of solutions for the theory of generalized thermoelasticity with three phase-lags. Acta Mechanica, 2010, 214, 305-314.	2.1	33
17	Effects of thermal relaxation time on plane wave propagation under two-temperature thermoelasticity. International Journal of Engineering Science, 2010, 48, 128-139.	5.0	58
18	Variational and Reciprocal Principles in Two-Temperature Generalized Thermoelasticity. Journal of Thermal Stresses, 2010, 33, 161-171.	2.0	24

#	Article	IF	Citations
19	On the Fundamental Solutions of Generalized Thermoelasticity with Three Phase-Lags. Journal of Thermal Stresses, 2010, 33, 1035-1048.	2.0	11
20	Effects of Three Phase Lags on Generalized Thermoelasticity for an Infinite Medium with a Cylindrical Cavity. Journal of Thermal Stresses, 2009, 32, 1149-1165.	2.0	26
21	Thermoelastic Interactions on Two-Temperature Generalized Thermoelasticity in an Infinite Medium with a Cylindrical Cavity. Journal of Thermal Stresses, 2009, 32, 341-360.	2.0	37
22	A Problem on Thermoelastic Interactions in an Infinite Medium with a Cylindrical Hole in Generalized Thermoelasticity III. Journal of Thermal Stresses, 2008, 31, 455-475.	2.0	24
23	Thermoelastic interactions on thick granular plate with three-phase-lag model under axisymmetric temperature distribution. Waves in Random and Complex Media, 0, , 1-21.	2.7	1
24	Thermoelastic interactions on a thick granular plate with type II thermoelasticity under axisymmetric temperature distribution. Waves in Random and Complex Media, 0, , 1-19.	2.7	1