

Ravi Kumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

74
citations

6
h-index

8
g-index

15
ext. papers

119
ext. citations

2.2
avg, IF

3.59
L-index

#	Paper	IF	Citations
14	Non-local effect on quality factor of micro-mechanical resonator under the purview of three-phase-lag thermoelasticity with memory-dependent derivative. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	0
13	Analysis of the quality factor of micromechanical resonators using memory-dependent derivative under different models. <i>Archive of Applied Mechanics</i> , 2021 , 91, 2735-2745	2.2	0
12	Analysis of plane wave propagation under the purview of three phase lag theory of thermoelasticity with non-local effect. <i>European Journal of Mechanics, A/Solids</i> , 2021 , 88, 104235	3.7	8
11	Effect of two-temperature parameter on thermoelastic vibration in micro and nano beam resonator. <i>European Journal of Mechanics, A/Solids</i> , 2021 , 89, 104310	3.7	4
10	Significance of memory-dependent derivative approach for the analysis of thermoelastic damping in micromechanical resonators. <i>Mechanics of Time-Dependent Materials</i> , 2020 , 1	1.2	6
9	Thermoelastic interactions on hyperbolic two-temperature generalized thermoelasticity in an infinite medium with a cylindrical cavity. <i>European Journal of Mechanics, A/Solids</i> , 2020 , 82, 104007	3.7	6
8	Effect of phase-lag on thermoelastic vibration of Timoshenko beam. <i>Journal of Thermal Stresses</i> , 2020 , 43, 1337-1354	2.2	5
7	Investigation of thermal excitation induced by laser pulses and thermal shock in the half space medium with variable thermal conductivity. <i>Waves in Random and Complex Media</i> , 2020 , 1-19	1.9	5
6	A study of thermoelastic damping in micromechanical resonators under unified generalized thermoelasticity formulation. <i>Noise and Vibration Worldwide</i> , 2019 , 50, 169-175	0.8	2
5	Effects of Phase Lags on Thermoelastic Damping in Micro-Beam Resonators. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1971005	1.9	11
4	Effects of phase-lag on thermoelastic damping in micromechanical resonators. <i>Journal of Thermal Stresses</i> , 2018 , 41, 1115-1124	2.2	18
3	Analysis of a magneto-thermoelastic problem in a piezoelectric medium using the non-local memory-dependent heat conduction theory involving three phase lags. <i>Mechanics of Time-Dependent Materials</i> , 1	1.2	8
2	Analysis of magnetic field effect in micro-beam resonators at distinct boundary conditions. <i>Waves in Random and Complex Media</i> , 1-17	1.9	0
1	Characterization of thermal damage of skin tissue subjected to moving heat source in the purview of dual phase lag theory with memory-dependent derivative. <i>Waves in Random and Complex Media</i> , 1-18	1.9	1