

Rakhi Tiwari

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8728092/rakhi-tiwari-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

19
papers

87
citations

6
h-index

8
g-index

23
ext. papers

158
ext. citations

2.1
avg, IF

3.51
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 19 | Thermoelastic vibrations of nano-beam with varying axial load and ramp type heating under the purview of Moore-Gibson-Thompson generalized theory of thermoelasticity. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1 | 2.6 | 0 |
| 18 | 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 |
| 17 | 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 |
| 16 | Memory response on magneto-thermoelastic vibrations on a viscoelastic micro-beam exposed to a laser pulse heat source. <i>Applied Mathematical Modelling</i> , 2021 , 99, 328-345 | 4.5 | 8 |
| 15 | 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 |
| 14 | 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 |
| 13 | Magneto-thermoelastic excitation induced by a thermal shock: a study under the purview of three phase lag theory. <i>Waves in Random and Complex Media</i> , 2020 , 1-22 | 1.9 | 3 |
| 12 | Analysis of wave propagation in the presence of a continuous line heat source under heat transfer with memory dependent derivatives. <i>Mathematics and Mechanics of Solids</i> , 2018 , 23, 820-834 | 2.3 | 17 |
| 11 | On harmonic plane wave propagation under fractional order thermoelasticity: an analysis of fractional order heat conduction equation. <i>Mathematics and Mechanics of Solids</i> , 2017 , 22, 782-797 | 2.3 | 4 |
| 10 | On electromagneto-thermoelastic plane waves under Green-Naghdi theory of thermoelasticity-II. <i>Journal of Thermal Stresses</i> , 2017 , 40, 1040-1062 | 2.2 | 15 |
| 9 | Investigation on Magneto-thermoelastic Disturbances Induced by Thermal Shock in an Elastic Half Space Having Finite Conductivity under Dual Phase-lag Heat Conduction. <i>Computational Methods in Science and Technology</i> , 2016 , 22, 201-215 | 0.6 | 2 |
| 8 | Perusal of flexoelectric effect with deformed interface in distinct (PZT-7A, PZT-5A, PZT-6B, PZT-4, PZT-2) piezoelectric materials. <i>Waves in Random and Complex Media</i> , 1-18 | 1.9 | 2 |
| 7 | 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 |
| 6 | Analysis of phase lag effect in generalized magneto thermoelasticity with moving heat source. <i>Waves in Random and Complex Media</i> , 1-18 | 1.9 | |
| 5 | Magneto-thermoelastic wave propagation in a finitely conducting medium: A comparative study for three types of thermoelasticity I, II, and III. <i>Journal of Thermal Stresses</i> , 1-22 | 2.2 | 4 |
| 4 | 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 |
| 3 | Magneto-thermoelastic interactions in generalized thermoelastic half-space for varying thermal and electrical conductivity. <i>Waves in Random and Complex Media</i> , 1-17 | 1.9 | 2 |

| | | | |
|---|--|-----|---|
| 2 | 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 |
| 1 | Modeling of the Liouville-Green method to approximate the mechanical waves in functionally graded and piezo material with a comparative study. <i>Waves in Random and Complex Media</i> ,1-22 | 1.9 | 1 |