

Najat A Alghamdi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5170212/publications.pdf>

Version: 2024-02-01

14
papers

209
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-phase-lagging thermoelastic damping in-extensional vibration of rotating nano-ring. <i>Microsystem Technologies</i> , 2017, 23, 4333-4343.	2.0	34
2	A new dynamical modeling SEIR with global analysis applied to the real data of spreading COVID-19 in Saudi Arabia. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 7018-7044.	1.9	34
3	Modeling of One-Dimensional Thermoelastic Dual-Phase-Lag Skin Tissue Subjected to Different Types of Thermal Loading. <i>Scientific Reports</i> , 2020, 10, 3399.	3.3	31
4	A modified SEIR model applied to the data of COVID-19 spread in Saudi Arabia. <i>AIP Advances</i> , 2020, 10, 125210.	1.3	29
5	Study on the SEIQR model and applying the epidemiological rates of COVID-19 epidemic spread in Saudi Arabia. <i>Infectious Disease Modelling</i> , 2021, 6, 678-692.	1.9	22
6	A proposed modified SEIQR epidemic model to analyze the COVID-19 spreading in Saudi Arabia. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 2456-2470.	6.4	21
7	The exact analytical solution of the dual-phase-lag two-temperature bioheat transfer of a skin tissue subjected to constant heat flux. <i>Scientific Reports</i> , 2020, 10, 15946.	3.3	13
8	Characterization of Thermal Damage Due to Two-Temperature High-Order Thermal Lagging in a Three-Dimensional Biological Tissue Subjected to a Rectangular Laser Pulse. <i>Polymers</i> , 2020, 12, 922.	4.5	10
9	The vibration of a viscothermoelastic nanobeam of silicon nitride based on dual-phase-lage heat conduction model and subjected to ramp-type heating. <i>AIP Advances</i> , 2020, 10, .	1.3	5
10	Three-dimensional biological tissue under high-order effect of two-temperature thermal lagging to thermal responses due to a laser irradiation. <i>Vibroengineering PROCEDIA</i> , 2019, 22, 112-117.	0.5	4
11	Vibration of circular micro-ceramic (Si_3N_4) plate resonators in the context of the generalized viscothermoelastic dual-phase-lagging theory. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401988948.	1.6	3
12	High-Order Effect in Two-Temperature Thermal Lagging to Thermal Responses in Biological Tissue Subjected to Laser Irradiation. <i>Journal of Biomaterials and Tissue Engineering</i> , 2018, 8, 1519-1526.	0.1	3
13	Influence of the Static Pre-Stress in Micro-Viscothermoelastic Resonators Based on Dual-Phase-Lagging Heat Conduction. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-8.	1.1	0
14	Irreversible thermal damage due to a laser pulse on the human breast tumour. <i>Journal of Electromagnetic Waves and Applications</i> , 0, , 1-17.	1.6	0