

Najat A Alghamdi

List of Publications by Year in descending order

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14
papers

209
citations

1163117

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14
all docs

14
docs citations

14
times ranked

101
citing authors

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