

Mohammed Elhagary

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Atangana-Baleanu fractional derivative on a two-dimensional thermoviscoelastic problem for solid sphere under axisymmetric distribution. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 3295-3312.	3.4	4
2	Generalized thermoelastic-diffusion model with higher-order fractional time-derivatives and four-phase-lags. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 897-914.	3.4	38
3	Boundary Integral Equation Formulation for Fractional Order Theory of Thermo-Viscoelasticity. <i>Studies in Systems, Decision and Control</i> , 2021, , 149-168.	0.8	0
4	Fractional order theory of thermo-viscoelasticity and application. <i>Mechanics of Time-Dependent Materials</i> , 2020, 24, 179-195.	2.3	32
5	Boundary integral equation formulation for the generalized thermoviscoelasticity with one relaxation time. <i>Engineering Analysis With Boundary Elements</i> , 2019, 104, 209-214.	2.0	5
6	A Two-Dimensional Generalized Thermoelastic Diffusion Problem for a Thick Plate Subjected to Thermal Loading Due to Laser Pulse. <i>Journal of Thermal Stresses</i> , 2014, 37, 1416-1432.	1.1	29
7	A two-dimensional generalized thermoelastic diffusion problem for a half-space subjected to harmonically varying heating. <i>Acta Mechanica</i> , 2013, 224, 3057-3069.	1.1	25
8	A Thermo-mechanical Shock Problem for Generalized Theory of Thermoviscoelasticity. <i>International Journal of Thermophysics</i> , 2013, 34, 170-188.	1.0	10
9	Generalized Thermoelastic Diffusion Problem for an Infinite Medium with a Spherical Cavity. <i>International Journal of Thermophysics</i> , 2012, 33, 172-183.	1.0	18
10	Generalized Theory of Thermoviscoelasticity and a Half-Space Problem. <i>International Journal of Thermophysics</i> , 2011, 32, 1271-1295.	1.0	60
11	Generalized thermoelastic diffusion problem for an infinitely long hollow cylinder for short times. <i>Acta Mechanica</i> , 2011, 218, 205-215.	1.1	48
12	A Two-Dimensional Problem for Two Media in the Generalized Theory of Thermoelasticity. <i>Journal of Thermal Stresses</i> , 2010, 33, 993-1007.	1.1	14
13	GENERALIZED THERMOELASTIC PROBLEM FOR AN INFINITELY LONG HOLLOW CYLINDER FOR SHORT TIMES. <i>Journal of Thermal Stresses</i> , 2004, 27, 885-902.	1.1	40
14	Fractional thermoelastic diffusion problem for an infinitely long hollow cylinder using the Caputo-Fabrizio definition. <i>Journal of Thermal Stresses</i> , 0, , 1-42.	1.1	2
15	Exact solution of a 2D problem of thermoelasticity without energy dissipation for an infinitely long cylinder. <i>Mathematics and Mechanics of Solids</i> , 0, , 108128652110036.	1.5	6
16	Fractional thermoelastic diffusion problem for an infinite medium with a spherical cavity using Modified Caputo-Fabrizio's definition. <i>Waves in Random and Complex Media</i> , 0, , 1-22.	1.6	3