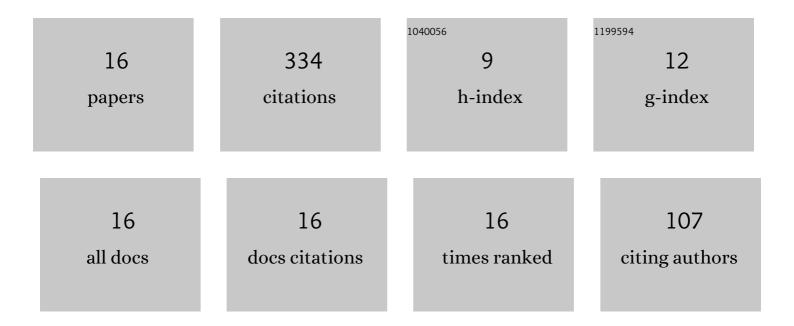
Mohammed Elhagary

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. Mechanics Based Design of Structures and Machines, 2023, 51, 3295-3312.	4.7	4
2	Generalized thermoelastic-diffusion model with higher-order fractional time-derivatives and four-phase-lags. Mechanics Based Design of Structures and Machines, 2022, 50, 897-914.	4.7	38
3	Boundary Integral Equation Formulation for Fractional Order Theory of Thermo-Viscoelasticity. Studies in Systems, Decision and Control, 2021, , 149-168.	1.0	0
4	Fractional order theory of thermo-viscoelasticity and application. Mechanics of Time-Dependent Materials, 2020, 24, 179-195.	4.4	32
5	Boundary integral equation formulation for the generalized thermoviscoelasticity with one relaxation time. Engineering Analysis With Boundary Elements, 2019, 104, 209-214.	3.7	5
6	A Two-Dimensional Generalized Thermoelastic Diffusion Problem for a Thick Plate Subjected to Thermal Loading Due to Laser Pulse. Journal of Thermal Stresses, 2014, 37, 1416-1432.	2.0	29
7	A two-dimensional generalized thermoelastic diffusion problem for a half-space subjected to harmonically varying heating. Acta Mechanica, 2013, 224, 3057-3069.	2.1	25
8	A Thermo-mechanical Shock Problem for Generalized Theory of Thermoviscoelasticity. International Journal of Thermophysics, 2013, 34, 170-188.	2.1	10
9	Generalized Thermoelastic Diffusion Problem for an Infinite Medium with a Spherical Cavity. International Journal of Thermophysics, 2012, 33, 172-183.	2.1	18
10	Generalized Theory of Thermoviscoelasticity and a Half-Space Problem. International Journal of Thermophysics, 2011, 32, 1271-1295.	2.1	60
11	Generalized thermoelastic diffusion problem for an infinitely long hollow cylinder for short times. Acta Mechanica, 2011, 218, 205-215.	2.1	48
12	A Two-Dimensional Problem for Two Media in the Generalized Theory of Thermoelasticity. Journal of Thermal Stresses, 2010, 33, 993-1007.	2.0	14
13	GENERALIZED THERMOELASTIC PROBLEM FOR AN INFINITELY LONG HOLLOW CYLINDER FOR SHORT TIMES. Journal of Thermal Stresses, 2004, 27, 885-902.	2.0	40
14	Fractional thermoelastic diffusion problem for an infinitely long hollow cylinder using the Caputo–Fabrizio definition. Journal of Thermal Stresses, 0, , 1-42.	2.0	2
15	Exact solution of a 2D problem of thermoelasticity without energy dissipation for an infinitely long cylinder. Mathematics and Mechanics of Solids, 0, , 108128652110036.	2.4	6
16	Fractional thermoelastic diffusion problem for an infinite medium with a spherical cavity using Modified Caputo-Fabrizio's definition. Waves in Random and Complex Media, 0, , 1-22.	2.7	3