Eman m hussein

List of Publications by Year
in descending order

17 papers	229 citations	1040056 9 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	71 citing authors

#	ARTICLE	IF	CITATIONS
1	A Mathematical Model for Short-Time Filtration in Poroelastic Media with Thermal Relaxation and Two Temperatures. Transport in Porous Media, 2012, 91, 199-223.	2.6	50
2	Fractional Order Thermoelastic Problem for an Infinitely Long Solid Circular Cylinder. Journal of Thermal Stresses, 2015, 38, 133-145.	2.0	28
3	The effect of fractional thermoelasticity on two-dimensional problems in spherical regions under axisymmetric distributions. Journal of Thermal Stresses, 2020, 43, 440-455.	2.0	20
4	Effect of fractional parameter on thermoelastic half-space subjected to a moving heat source. International Journal of Heat and Mass Transfer, 2019, 141, 855-860.	4.8	17
5	Fundamental solution of thermoelasticity with two relaxation times for an infinite spherically symmetric space. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	14
6	Contour integration solution for a thermoelastic problem of a spherical cavity. Applied Mathematics and Computation, 2018, 320, 557-571.	2.2	12
7	Two-dimensional problem for a half-space with axi-symmetric distribution in the theory of generalized thermoelastic diffusion. Mechanics of Advanced Materials and Structures, 2016, 23, 216-222.	2.6	11
8	Effect of the porosity on a porous plate saturated with a liquid and subjected to a sudden change in temperature. Acta Mechanica, 2018, 229, 2431-2444.	2.1	11
9	Two dimensional spherical regions problem in the context of the theory of generalized thermoelastic diffusion. Journal of Thermal Stresses, 2020, 43, 1150-1164.	2.0	11
10	One-dimensional problem for infinitely long annular cylinder in the context of fractional order theory of thermoelasticity. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2016, 96, 1482-1489.	1.6	9
11	Two-dimensional problem for a thick plate with axi-symmetric distribution in the theory of generalized thermoelastic diffusion. Mathematics and Mechanics of Solids, 2016, 21, 413-425.	2.4	9
12	New fractional order model of thermoporoelastic theory for a porous infinitely long cylinder saturated with fluid. Waves in Random and Complex Media, 0, , 1-30.	2.7	9
13	MATHEMATICAL MODEL FOR THERMOELASTIC POROUS SPHERICAL REGION PROBLEMS. Computational Thermal Sciences, 2020, 12, 233-248.	0.9	8
14	New fractional model for 2 dimensional half space problem with in the theory of generalized thermoelastic diffusion. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2022, 102, e202100231.	1.6	6
15	Problem in Poroelastic Media for an Infinitely Long Solid Circular Cylinder with Thermal Relaxation. Transport in Porous Media, 2015, 106, 145-161.	2.6	5
16	MATHEMATICAL MODEL FOR THERMO-POROELASTIC PLATE SATURATED WITH FLUID. Special Topics and Reviews in Porous Media, 2020, 11, 561-576.	1.1	5
17	New Fractional Order Model of Thermoporoelastic Theory for a Half Space Saturated with Fluid. Mechanics of Solids, 2021, 56, 838-855.	0.7	4