

Hany Sherief

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

3,058
citations

31
h-index

52
g-index

101
ext. papers

3,305
ext. citations

2.5
avg, IF

5.61
L-index

#	Paper	IF	Citations
101	Exact solution for the slow motion of a spherical particle in the presence of an interface with slip regime. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	1
100	Transient electrophoresis of a conducting spherical particle embedded in an electrolyte-saturated Brinkman medium. <i>Electrophoresis</i> , 2021 , 42, 1636-1647	3.6	0
99	Effect of a general body force on a 2D generalized thermoelastic body with a cylindrical cavity. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 9933-9943	2.3	0
98	Effect of a 2D axisymmetric cylindrical heat source on a thermoelastic thick plate. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 6763-6773	2.3	
97	Motion of a slip spherical particle near a planar micropolar-viscous interface. <i>European Journal of Mechanics, B/Fluids</i> , 2021 , 89, 274-288	2.4	4
96	The effect of fractional thermoelasticity on two-dimensional problems in spherical regions under axisymmetric distributions. <i>Journal of Thermal Stresses</i> , 2020 , 43, 440-455	2.2	14
95	Darcy-Brinkman Micropolar Fluid Flow through Corrugated Micro-Tube with Stationary Random Model. <i>Colloid Journal</i> , 2020 , 82, 604-616	1.1	1
94	Two-dimensional axisymmetric thermoelastic problem for an infinite-space with a cylindrical heat source of a different material under Green-Lindsay theory. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-13	1.7	3
93	Fractional order theory of thermo-viscoelasticity and application. <i>Mechanics of Time-Dependent Materials</i> , 2020 , 24, 179-195	1.2	18
92	Force on a spherical particle oscillating in a viscous fluid perpendicular to an impermeable planar wall. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019 , 41, 1	2	2
91	Wave propagation study for axi-symmetric 2D problems of a generalized thermo-visco-elastic half space. <i>Journal of Thermal Stresses</i> , 2019 , 42, 835-848	2.2	6
90	Fundamental solution for a line source of heat in the fractional order theory of thermoelasticity using the new Caputo definition. <i>Journal of Thermal Stresses</i> , 2019 , 42, 18-28	2.2	17
89	Study of wave propagation in a half-space in the fractional-order theory of thermoelasticity using the new Caputo definition. <i>Mathematics and Mechanics of Solids</i> , 2019 , 24, 2083-2095	2.3	4
88	Torque on a slip sphere rotating in a semi-infinite micropolar fluid. <i>Meccanica</i> , 2018 , 53, 2319-2331	2.1	4
87	Slow motion of a slightly deformed spherical droplet in a microstretch fluid. <i>Microsystem Technologies</i> , 2018 , 24, 3245-3259	1.7	3
86	Contour integration solution for a thermoelastic problem of a spherical cavity. <i>Applied Mathematics and Computation</i> , 2018 , 320, 557-571	2.7	9
85	Stochastic thermal shock problem and study of wave propagation in the theory of generalized thermoelastic diffusion. <i>Mathematics and Mechanics of Solids</i> , 2017 , 22, 1767-1789	2.3	6

84	A general formula for the drag on a solid of revolution body at low Reynolds numbers in a microstretch fluid. <i>Meccanica</i> , 2017 , 52, 2655-2664	2.1	10
83	Electromagneto interaction in a two-dimensional generalized thermoelastic solid cylinder. <i>Acta Mechanica</i> , 2017 , 228, 2041-2062	2.1	6
82	A 2D problem of thermoelasticity without energy dissipation for a sphere subjected to axisymmetric temperature distribution. <i>Journal of Thermal Stresses</i> , 2017 , 40, 1461-1470	2.2	6
81	Fundamental solution of thermoelasticity with two relaxation times for an infinite spherically symmetric space. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2017 , 68, 1	1.6	8
80	2D Axisymmetric Problem for a Sphere with Heat Sources in the Theory of Generalized Thermoviscoelasticity. <i>International Journal of Applied Mechanics</i> , 2017 , 09, 1750028	2.4	1
79	Two-dimensional problem for a thick plate with axi-symmetric distribution in the theory of generalized thermoelastic diffusion. <i>Mathematics and Mechanics of Solids</i> , 2016 , 21, 413-425	2.3	7
78	A thermoelastic spherical shell with and without energy dissipation. <i>Journal of Thermal Stresses</i> , 2016 , 39, 1277-1282	2.2	4
77	Modeling of variable thermal conductivity in a generalized thermoelastic infinitely long hollow cylinder. <i>Meccanica</i> , 2016 , 51, 551-558	2.1	19
76	Thermoelastic interactions without energy dissipation in an unbounded body with a cylindrical cavity. <i>Journal of Thermal Stresses</i> , 2016 , 39, 326-332	2.2	8
75	Two-dimensional problem for a half-space with axi-symmetric distribution in the theory of generalized thermoelastic diffusion. <i>Mechanics of Advanced Materials and Structures</i> , 2016 , 23, 216-222	1.8	9
74	Stokes resistance of a porous spherical particle in a spherical cavity. <i>Acta Mechanica</i> , 2016 , 227, 1075-1093	2.1	6
73	Modeling of Variable Lamé Moduli for a FGM Generalized Thermoelastic Half Space. <i>Latin American Journal of Solids and Structures</i> , 2016 , 13, 715-730	1.4	12
72	2D Problem for a Long Cylinder in the Fractional Theory of Thermoelasticity. <i>Latin American Journal of Solids and Structures</i> , 2016 , 13, 1596-1613	1.4	6
71	State space approach to two-dimensional generalized micropolar thermoelasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2015 , 66, 1249-1265	1.6	2
70	A one-dimensional fractional order thermoelastic problem for a spherical cavity. <i>Mathematics and Mechanics of Solids</i> , 2015 , 20, 512-521	2.3	27
69	Stokes flow of a micropolar fluid past an assemblage of spheroidal particle-in-cell models with slip. <i>Physica Scripta</i> , 2015 , 90, 055203	2.6	9
68	2D problem for a half-space in the generalized theory of thermo-viscoelasticity. <i>Mechanics of Time-Dependent Materials</i> , 2015 , 19, 557-568	1.2	16
67	Application of fractional order theory of thermoelasticity to a 1D problem for a half-space. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2014 , 94, 509-515	1	35

66	Application of fractional order theory of thermoelasticity to a 2D problem for a half-space. <i>Applied Mathematics and Computation</i> , 2014 , 248, 584-592	2.7	17
65	Slow motion of a slip spherical particle along the axis of a circular cylindrical pore in a micropolar fluid. <i>Journal of Molecular Liquids</i> , 2014 , 200, 273-282	6	8
64	Parallel and perpendicular flows of a micropolar fluid between slip cylinder and coaxial fictitious cylindrical shell in cell models. <i>European Physical Journal Plus</i> , 2014 , 129, 1	3.1	18
63	Propagation of discontinuities in electromagneto generalized thermoelasticity in cylindrical regions. <i>Meccanica</i> , 2013 , 48, 2511-2523	2.1	9
62	Effect of variable thermal conductivity on a half-space under the fractional order theory of thermoelasticity. <i>International Journal of Mechanical Sciences</i> , 2013 , 74, 185-189	5.5	99
61	Effect of body forces on a 2D generalized thermoelastic long cylinder. <i>Computers and Mathematics With Applications</i> , 2013 , 66, 1181-1191	2.7	13
60	Stochastic thermal shock problem in generalized thermoelasticity. <i>Applied Mathematical Modelling</i> , 2013 , 37, 762-775	4.5	36
59	A Mathematical Model for Short-Time Filtration in Poroelastic Media with Thermal Relaxation and Two Temperatures. <i>Transport in Porous Media</i> , 2012 , 91, 199-223	3.1	47
58	Interaction of two spherical particles rotating in a micropolar fluid. <i>Mathematical and Computer Modelling</i> , 2012 , 56, 229-239		8
57	Stokes flow between two confocal rotating spheroids with slip. <i>Archive of Applied Mechanics</i> , 2012 , 82, 937-948	2.2	14
56	Fundamental solutions for axi-symmetric translational motion of a microstretch fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2012 , 28, 605-611	2	6
55	Generalized Theory of Thermoviscoelasticity and a Half-Space Problem. <i>International Journal of Thermophysics</i> , 2011 , 32, 1271-1295	2.1	52
54	Exact solution for the unsteady flow of a semi-infinite micropolar fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2011 , 27, 354-359	2	14
53	Slow motion of a sphere moving normal to two infinite parallel plane walls in a micropolar fluid. <i>Mathematical and Computer Modelling</i> , 2011 , 53, 376-386		14
52	Axi-symmetric translational motion of an arbitrary solid prolate body in a micropolar fluid. <i>Fluid Dynamics Research</i> , 2010 , 42, 065504	1.2	11
51	Fractional order theory of thermoelasticity. <i>International Journal of Solids and Structures</i> , 2010 , 47, 269-275		366
50	Galerkin representations and fundamental solutions for an axisymmetric microstretch fluid flow. <i>Journal of Fluid Mechanics</i> , 2009 , 619, 277-293	3.7	20
49	A Thick Plate Problem in the Theory of Generalized Thermoelastic Diffusion. <i>International Journal of Thermophysics</i> , 2009 , 30, 2044-2057	2.1	45

48	THEORY OF GENERALIZED MICROPOLAR THERMOELASTICITY AND AN AXISYMMETRIC HALF-SPACE PROBLEM. <i>Journal of Thermal Stresses</i> , 2005 , 28, 409-437	2.2	60
47	A half-space problem in the theory of generalized thermoelastic diffusion. <i>International Journal of Solids and Structures</i> , 2005 , 42, 4484-4493	3.1	200
46	A MODE-I CRACK PROBLEM FOR AN INFINITE SPACE IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , 2005 , 28, 465-484	2.2	44
45	SHORT TIME SOLUTION FOR A PROBLEM IN MAGNETOTHERMOELASTICITY WITH THERMAL RELAXATION. <i>Journal of Thermal Stresses</i> , 2004 , 27, 537-559	2.2	28
44	Axisymmetric gravity waves in two-layered fluids with the upper fluid having a free surface. <i>Wave Motion</i> , 2004 , 40, 143-161	1.8	11
43	The theory of generalized thermoelastic diffusion. <i>International Journal of Engineering Science</i> , 2004 , 42, 591-608	5.7	293
42	GENERALIZED THERMOELASTIC PROBLEM FOR AN INFINITELY LONG HOLLOW CYLINDER FOR SHORT TIMES. <i>Journal of Thermal Stresses</i> , 2004 , 27, 885-902	2.2	37
41	Forced gravity waves in two-layered fluids with the upper fluid having a free surface. <i>Canadian Journal of Physics</i> , 2003 , 81, 675-689	1.1	16
40	AN INTERNAL PENNY-SHAPED CRACK IN AN INFINITE THERMOELASTIC SOLID. <i>Journal of Thermal Stresses</i> , 2003 , 26, 333-352	2.2	53
39	A two-dimensional problem for a half-space in magneto-thermoelasticity with thermal relaxation. <i>International Journal of Engineering Science</i> , 2002 , 40, 587-604	5.7	72
38	Two-dimensional Problems for Thermoelasticity, with Two Relaxation Times in Spherical Regions under Axisymmetric Distributions. <i>International Journal of Engineering Science</i> , 1999 , 37, 299-314	5.7	11
37	A two-dimensional thermoelasticity problem for a half space subjected to heat sources. <i>International Journal of Solids and Structures</i> , 1999 , 36, 1369-1382	3.1	31
36	A problem for an infinite thermoelastic body with a spherical cavity. <i>International Journal of Engineering Science</i> , 1998 , 36, 473-487	5.7	33
35	A problem in generalized magneto-thermoelasticity for an infinitely long annular cylinder. <i>Journal of Engineering Mathematics</i> , 1998 , 34, 387-402	1.2	46
34	A SHORT TIME SOLUTION FOR A PROBLEM IN THERMOELASTICITY OF AN INFINITE MEDIUM WITH A SPHERICAL CAVITY. <i>Journal of Thermal Stresses</i> , 1998 , 21, 811-828	2.2	6
33	A thermal-shock problem in magneto-thermoelasticity with thermal relaxation. <i>International Journal of Solids and Structures</i> , 1996 , 33, 4449-4459	3.1	58
32	GENERALIZED TWO-DIMENSIONAL THERMOELASTIC PROBLEMS IN SPHERICAL REGIONS UNDER AXISYMMETRIC DISTRIBUTIONS. <i>Journal of Thermal Stresses</i> , 1996 , 19, 55-76	2.2	38
31	STATE-SPACE APPROACH TO TWO-DIMENSIONAL GENERALIZED THERMOELASTICITY PROBLEMS. <i>Journal of Thermal Stresses</i> , 1994 , 17, 567-590	2.2	30

30	TWO-DIMENSIONAL GENERALIZED THERMOELASTICITY PROBLEM FOR AN INFINITELY LONG CYLINDER. <i>Journal of Thermal Stresses</i> , 1994 , 17, 213-227	2.2	32
29	GENERALIZED THERMOELASTIC PROBLEM OF A THICK PLATE UNDER AXISYMMETRIC TEMPERATURE DISTRIBUTION. <i>Journal of Thermal Stresses</i> , 1994 , 17, 435-452	2.2	60
28	Problem in electromagneto thermoelasticity for an infinitely long solid conducting circular cylinder with thermal relaxation. <i>International Journal of Engineering Science</i> , 1994 , 32, 1137-1149	5.7	32
27	A thermo-mechanical shock problem for thermoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , 1994 , 32, 313-325	5.7	25
26	BOUNDARY INTEGRAL EQUATION FORMULATION FOR THERMOELASTICITY WITH TWO RELAXATION TIMES. <i>Journal of Thermal Stresses</i> , 1994 , 17, 257-270	2.2	16
25	SOLUTION OF THE GENERALIZED PROBLEM OF THERMOELASTICITY IN THE FORM OF SERIES OF FUNCTIONS. <i>Journal of Thermal Stresses</i> , 1994 , 17, 75-95	2.2	47
24	STATE SPACE FORMULATION FOR GENERALIZED THERMOELASTICITY WITH ONE RELAXATION TIME INCLUDING HEAT SOURCES. <i>Journal of Thermal Stresses</i> , 1993 , 16, 163-180	2.2	64
23	A problem of a viscoelastic magnetohydrodynamic fluctuating-boundary-layer flow past an infinite porous plate. <i>Canadian Journal of Physics</i> , 1993 , 71, 97-105	1.1	14
22	State space approach to thermoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , 1993 , 31, 1177-1189	5.7	35
21	GENERALIZED THERMOELASTICITY PROBLEM FOR A PLATE SUBJECTED TO MOVING HEAT SOURCES ON BOTH SIDES. <i>Journal of Thermal Stresses</i> , 1992 , 15, 489-505	2.2	13
20	Fundamental solution for thermoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , 1992 , 30, 861-870	5.7	19
19	Periodic orbits of galactic motion. <i>Astrophysics and Space Science</i> , 1990 , 167, 305-315	1.6	11
18	On the galactic motion. <i>Celestial Mechanics and Dynamical Astronomy</i> , 1990 , 49, 233-247	1.4	1
17	A PROBLEM IN GENERALIZED THERMOELASTICITY FOR AN INFINITELY LONG ANNULAR CYLINDER COMPOSED OF TWO DIFFERENT MATERIALS. <i>Journal of Thermal Stresses</i> , 1989 , 12, 529-543	2.2	12
16	A problem in generalized thermoelasticity for an infinitely long annular cylinder composed of two different materials. <i>Acta Mechanica</i> , 1989 , 80, 137-149	2.1	23
15	A problem in generalized thermoelasticity for an infinitely long annular cylinder. <i>International Journal of Engineering Science</i> , 1988 , 26, 301-306	5.7	33
14	Boundary integral equation formulation of generalized thermoelasticity in a Laplace-transform domain. <i>Applied Mathematical Modelling</i> , 1988 , 12, 161-166	4.5	40
13	STATE SPACE APPROACH TO GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , 1988 , 11, 353-365	2.2	65

12	On uniqueness and stability in generalized thermoelasticity. <i>Quarterly of Applied Mathematics</i> , 1987 , 44, 773-778	0.7	101
11	PROBLEM IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , 1986 , 9, 165-181	2.2	54
10	FUNDAMENTAL SOLUTION OF THE GENERALIZED THERMOELASTIC PROBLEM FOR SHORT TIMES. <i>Journal of Thermal Stresses</i> , 1986 , 9, 151-164	2.2	103
9	TWO-DIMENSIONAL PROBLEM OF A MOVING HEATED PUNCH IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , 1986 , 9, 325-343	2.2	13
8	GENERALIZED ONE-DIMENSIONAL THERMAL-SHOCK PROBLEM FOR SMALL TIMES. <i>Journal of Thermal Stresses</i> , 1981 , 4, 407-420	2.2	75
7	A problem in fractional order thermoelasticity theory for an infinitely long cylinder composed of 3 layers of different materials. <i>Journal of Thermal Stresses</i> , 1-11	2.2	
6	Application of fractional order theory of thermoelasticity to a 1D problem for a spherical shell. <i>Journal of Theoretical and Applied Mechanics</i> , 295	1.3	15
5	New fractional order model of thermoporoelastic theory for a porous infinitely long cylinder saturated with fluid. <i>Waves in Random and Complex Media</i> , 1-30	1.9	3
4	2D hereditary thermoelastic application of a thick plate under axisymmetric temperature distribution. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	2
3	Exact solution of a 2D problem of thermoelasticity without energy dissipation for an infinitely long cylinder. <i>Mathematics and Mechanics of Solids</i> , 108128652110036	2.3	3
2	Generalized three-dimensional thermoelastic treatment in spherical regions. <i>Journal of Thermal Stresses</i> , 1-12	2.2	
1	2D long generalized thermoelastic cylinder with realistic thermal conductivity. <i>Waves in Random and Complex Media</i> , 1-11	1.9	