

# Hany Sherief

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8561726/hany-sherief-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Fractional order theory of thermoelasticity. <i>International Journal of Solids and Structures</i> , <b>2010</b> , 47, 269-275	5.7	366
100	The theory of generalized thermoelastic diffusion. <i>International Journal of Engineering Science</i> , <b>2004</b> , 42, 591-608	5.7	293
99	A half-space problem in the theory of generalized thermoelastic diffusion. <i>International Journal of Solids and Structures</i> , <b>2005</b> , 42, 4484-4493	3.1	200
98	FUNDAMENTAL SOLUTION OF THE GENERALIZED THERMOELASTIC PROBLEM FOR SHORT TIMES. <i>Journal of Thermal Stresses</i> , <b>1986</b> , 9, 151-164	2.2	103
97	On uniqueness and stability in generalized thermoelasticity. <i>Quarterly of Applied Mathematics</i> , <b>1987</b> , 44, 773-778	0.7	101
96	Effect of variable thermal conductivity on a half-space under the fractional order theory of thermoelasticity. <i>International Journal of Mechanical Sciences</i> , <b>2013</b> , 74, 185-189	5.5	99
95	GENERALIZED ONE-DIMENSIONAL THERMAL-SHOCK PROBLEM FOR SMALL TIMES. <i>Journal of Thermal Stresses</i> , <b>1981</b> , 4, 407-420	2.2	75
94	A two-dimensional problem for a half-space in magneto-thermoelasticity with thermal relaxation. <i>International Journal of Engineering Science</i> , <b>2002</b> , 40, 587-604	5.7	72
93	STATE SPACE APPROACH TO GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , <b>1988</b> , 11, 353-365	2.2	65
92	STATE SPACE FORMULATION FOR GENERALIZED THERMOELASTICITY WITH ONE RELAXATION TIME INCLUDING HEAT SOURCES. <i>Journal of Thermal Stresses</i> , <b>1993</b> , 16, 163-180	2.2	64
91	THEORY OF GENERALIZED MICROPOLAR THERMOELASTICITY AND AN AXISYMMETRIC HALF-SPACE PROBLEM. <i>Journal of Thermal Stresses</i> , <b>2005</b> , 28, 409-437	2.2	60
90	GENERALIZED THERMOELASTIC PROBLEM OF A THICK PLATE UNDER AXISYMMETRIC TEMPERATURE DISTRIBUTION. <i>Journal of Thermal Stresses</i> , <b>1994</b> , 17, 435-452	2.2	60
89	A thermal-shock problem in magneto-thermoelasticity with thermal relaxation. <i>International Journal of Solids and Structures</i> , <b>1996</b> , 33, 4449-4459	3.1	58
88	PROBLEM IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , <b>1986</b> , 9, 165-181	2.2	54
87	AN INTERNAL PENNY-SHAPED CRACK IN AN INFINITE THERMOELASTIC SOLID. <i>Journal of Thermal Stresses</i> , <b>2003</b> , 26, 333-352	2.2	53
86	Generalized Theory of Thermoviscoelasticity and a Half-Space Problem. <i>International Journal of Thermophysics</i> , <b>2011</b> , 32, 1271-1295	2.1	52
85	A Mathematical Model for Short-Time Filtration in Poroelastic Media with Thermal Relaxation and Two Temperatures. <i>Transport in Porous Media</i> , <b>2012</b> , 91, 199-223	3.1	47

84	SOLUTION OF THE GENERALIZED PROBLEM OF THERMOELASTICITY IN THE FORM OF SERIES OF FUNCTIONS. <i>Journal of Thermal Stresses</i> , <b>1994</b> , 17, 75-95	2.2	47
83	A problem in generalized magneto-thermoelasticity for an infinitely long annular cylinder. <i>Journal of Engineering Mathematics</i> , <b>1998</b> , 34, 387-402	1.2	46
82	A Thick Plate Problem in the Theory of Generalized Thermoelastic Diffusion. <i>International Journal of Thermophysics</i> , <b>2009</b> , 30, 2044-2057	2.1	45
81	A MODE-I CRACK PROBLEM FOR AN INFINITE SPACE IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , <b>2005</b> , 28, 465-484	2.2	44
80	Boundary integral equation formulation of generalized thermoelasticity in a Laplace-transform domain. <i>Applied Mathematical Modelling</i> , <b>1988</b> , 12, 161-166	4.5	40
79	GENERALIZED TWO-DIMENSIONAL THERMOELASTIC PROBLEMS IN SPHERICAL REGIONS UNDER AXISYMMETRIC DISTRIBUTIONS. <i>Journal of Thermal Stresses</i> , <b>1996</b> , 19, 55-76	2.2	38
78	GENERALIZED THERMOELASTIC PROBLEM FOR AN INFINITELY LONG HOLLOW CYLINDER FOR SHORT TIMES. <i>Journal of Thermal Stresses</i> , <b>2004</b> , 27, 885-902	2.2	37
77	Stochastic thermal shock problem in generalized thermoelasticity. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 762-775	4.5	36
76	Application of fractional order theory of thermoelasticity to a 1D problem for a half-space. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , <b>2014</b> , 94, 509-515	1	35
75	State space approach to thermoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , <b>1993</b> , 31, 1177-1189	5.7	35
74	A problem for an infinite thermoelastic body with a spherical cavity. <i>International Journal of Engineering Science</i> , <b>1998</b> , 36, 473-487	5.7	33
73	A problem in generalized thermoelasticity for an infinitely long annular cylinder. <i>International Journal of Engineering Science</i> , <b>1988</b> , 26, 301-306	5.7	33
72	TWO-DIMENSIONAL GENERALIZED THERMOELASTICITY PROBLEM FOR AN INFINITELY LONG CYLINDER. <i>Journal of Thermal Stresses</i> , <b>1994</b> , 17, 213-227	2.2	32
71	Problem in electromagneto thermoelasticity for an infinitely long solid conducting circular cylinder with thermal relaxation. <i>International Journal of Engineering Science</i> , <b>1994</b> , 32, 1137-1149	5.7	32
70	A two-dimensional thermoelasticity problem for a half space subjected to heat sources. <i>International Journal of Solids and Structures</i> , <b>1999</b> , 36, 1369-1382	3.1	31
69	STATE-SPACE APPROACH TO TWO-DIMENSIONAL GENERALIZED THERMOELASTICITY PROBLEMS. <i>Journal of Thermal Stresses</i> , <b>1994</b> , 17, 567-590	2.2	30
68	SHORT TIME SOLUTION FOR A PROBLEM IN MAGNETOTHERMOELASTICITY WITH THERMAL RELAXATION. <i>Journal of Thermal Stresses</i> , <b>2004</b> , 27, 537-559	2.2	28
67	A one-dimensional fractional order thermoelastic problem for a spherical cavity. <i>Mathematics and Mechanics of Solids</i> , <b>2015</b> , 20, 512-521	2.3	27

66	A thermo-mechanical shock problem for thermoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , <b>1994</b> , 32, 313-325	5.7	25
65	A problem in generalized thermoelasticity for an infinitely long annular cylinder composed of two different materials. <i>Acta Mechanica</i> , <b>1989</b> , 80, 137-149	2.1	23
64	Galerkin representations and fundamental solutions for an axisymmetric microstretch fluid flow. <i>Journal of Fluid Mechanics</i> , <b>2009</b> , 619, 277-293	3.7	20
63	Modeling of variable thermal conductivity in a generalized thermoelastic infinitely long hollow cylinder. <i>Meccanica</i> , <b>2016</b> , 51, 551-558	2.1	19
62	Fundamental solution for thermoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , <b>1992</b> , 30, 861-870	5.7	19
61	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> , <b>2014</b> , 129, 1	3.1	18
60	Fractional order theory of thermo-viscoelasticity and application. <i>Mechanics of Time-Dependent Materials</i> , <b>2020</b> , 24, 179-195	1.2	18
59	Application of fractional order theory of thermoelasticity to a 2D problem for a half-space. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 248, 584-592	2.7	17
58	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> , <b>2019</b> , 42, 18-28	2.2	17
57	2D problem for a half-space in the generalized theory of thermo-viscoelasticity. <i>Mechanics of Time-Dependent Materials</i> , <b>2015</b> , 19, 557-568	1.2	16
56	Forced gravity waves in two-layered fluids with the upper fluid having a free surface. <i>Canadian Journal of Physics</i> , <b>2003</b> , 81, 675-689	1.1	16
55	BOUNDARY INTEGRAL EQUATION FORMULATION FOR THERMOELASTICITY WITH TWO RELAXATION TIMES. <i>Journal of Thermal Stresses</i> , <b>1994</b> , 17, 257-270	2.2	16
54	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
53	The effect of fractional thermoelasticity on two-dimensional problems in spherical regions under axisymmetric distributions. <i>Journal of Thermal Stresses</i> , <b>2020</b> , 43, 440-455	2.2	14
52	Stokes flow between two confocal rotating spheroids with slip. <i>Archive of Applied Mechanics</i> , <b>2012</b> , 82, 937-948	2.2	14
51	Exact solution for the unsteady flow of a semi-infinite micropolar fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , <b>2011</b> , 27, 354-359	2	14
50	Slow motion of a sphere moving normal to two infinite parallel plane walls in a micropolar fluid. <i>Mathematical and Computer Modelling</i> , <b>2011</b> , 53, 376-386		14
49	A problem of a viscoelastic magnetohydrodynamic fluctuating-boundary-layer flow past an infinite porous plate. <i>Canadian Journal of Physics</i> , <b>1993</b> , 71, 97-105	1.1	14

48	Effect of body forces on a 2D generalized thermoelastic long cylinder. <i>Computers and Mathematics With Applications</i> , <b>2013</b> , 66, 1181-1191	2.7	13
47	GENERALIZED THERMOELASTICITY PROBLEM FOR A PLATE SUBJECTED TO MOVING HEAT SOURCES ON BOTH SIDES. <i>Journal of Thermal Stresses</i> , <b>1992</b> , 15, 489-505	2.2	13
46	TWO-DIMENSIONAL PROBLEM OF A MOVING HEATED PUNCH IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , <b>1986</b> , 9, 325-343	2.2	13
45	A PROBLEM IN GENERALIZED THERMOELASTICITY FOR AN INFINITELY LONG ANNULAR CYLINDER COMPOSED OF TWO DIFFERENT MATERIALS. <i>Journal of Thermal Stresses</i> , <b>1989</b> , 12, 529-543	2.2	12
44	Modeling of Variable Lam $\lambda$ Moduli for a FGM Generalized Thermoelastic Half Space. <i>Latin American Journal of Solids and Structures</i> , <b>2016</b> , 13, 715-730	1.4	12
43	Axi-symmetric translational motion of an arbitrary solid prolate body in a micropolar fluid. <i>Fluid Dynamics Research</i> , <b>2010</b> , 42, 065504	1.2	11
42	Axisymmetric gravity waves in two-layered fluids with the upper fluid having a free surface. <i>Wave Motion</i> , <b>2004</b> , 40, 143-161	1.8	11
41	Two-dimensional Problems for Thermoelasticity, with Two Relaxation Times in Spherical Regions under Axisymmetric Distributions. <i>International Journal of Engineering Science</i> , <b>1999</b> , 37, 299-314	5.7	11
40	Periodic orbits of galactic motion. <i>Astrophysics and Space Science</i> , <b>1990</b> , 167, 305-315	1.6	11
39	A general formula for the drag on a solid of revolution body at low Reynolds numbers in a microstretch fluid. <i>Meccanica</i> , <b>2017</b> , 52, 2655-2664	2.1	10
38	Stokes flow of a micropolar fluid past an assemblage of spheroidal particle-in-cell models with slip. <i>Physica Scripta</i> , <b>2015</b> , 90, 055203	2.6	9
37	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> , <b>2016</b> , 23, 216-222	1.8	9
36	Propagation of discontinuities in electromagneto generalized thermoelasticity in cylindrical regions. <i>Meccanica</i> , <b>2013</b> , 48, 2511-2523	2.1	9
35	Contour integration solution for a thermoelastic problem of a spherical cavity. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 320, 557-571	2.7	9
34	Fundamental solution of thermoelasticity with two relaxation times for an infinite spherically symmetric space. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , <b>2017</b> , 68, 1	1.6	8
33	Thermoelastic interactions without energy dissipation in an unbounded body with a cylindrical cavity. <i>Journal of Thermal Stresses</i> , <b>2016</b> , 39, 326-332	2.2	8
32	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> , <b>2014</b> , 200, 273-282	6	8
31	Interaction of two spherical particles rotating in a micropolar fluid. <i>Mathematical and Computer Modelling</i> , <b>2012</b> , 56, 229-239		8

30	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> , <b>2016</b> , 21, 413-425	2.3	7
29	Stochastic thermal shock problem and study of wave propagation in the theory of generalized thermoelastic diffusion. <i>Mathematics and Mechanics of Solids</i> , <b>2017</b> , 22, 1767-1789	2.3	6
28	Electromagneto interaction in a two-dimensional generalized thermoelastic solid cylinder. <i>Acta Mechanica</i> , <b>2017</b> , 228, 2041-2062	2.1	6
27	A 2D problem of thermoelasticity without energy dissipation for a sphere subjected to axisymmetric temperature distribution. <i>Journal of Thermal Stresses</i> , <b>2017</b> , 40, 1461-1470	2.2	6
26	Wave propagation study for axi-symmetric 2D problems of a generalized thermo-visco-elastic half space. <i>Journal of Thermal Stresses</i> , <b>2019</b> , 42, 835-848	2.2	6
25	Stokes resistance of a porous spherical particle in a spherical cavity. <i>Acta Mechanica</i> , <b>2016</b> , 227, 1075-1093	2.1	6
24	Fundamental solutions for axi-symmetric translational motion of a microstretch fluid. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , <b>2012</b> , 28, 605-611	2	6
23	A SHORT TIME SOLUTION FOR A PROBLEM IN THERMOELASTICITY OF AN INFINITE MEDIUM WITH A SPHERICAL CAVITY. <i>Journal of Thermal Stresses</i> , <b>1998</b> , 21, 811-828	2.2	6
22	2D Problem for a Long Cylinder in the Fractional Theory of Thermoelasticity. <i>Latin American Journal of Solids and Structures</i> , <b>2016</b> , 13, 1596-1613	1.4	6
21	Torque on a slip sphere rotating in a semi-infinite micropolar fluid. <i>Meccanica</i> , <b>2018</b> , 53, 2319-2331	2.1	4
20	A thermoelastic spherical shell with and without energy dissipation. <i>Journal of Thermal Stresses</i> , <b>2016</b> , 39, 1277-1282	2.2	4
19	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> , <b>2019</b> , 24, 2083-2095	2.3	4
18	Motion of a slip spherical particle near a planar micropolar-viscous interface. <i>European Journal of Mechanics, B/Fluids</i> , <b>2021</b> , 89, 274-288	2.4	4
17	Slow motion of a slightly deformed spherical droplet in a microstretch fluid. <i>Microsystem Technologies</i> , <b>2018</b> , 24, 3245-3259	1.7	3
16	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
15	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> , <b>2020</b> , 1-13	1.7	3
14	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
13	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> , <b>2019</b> , 41, 1	2	2

12	State space approach to two-dimensional generalized micropolar thermoelasticity. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , <b>2015</b> , 66, 1249-1265	1.6	2
11	2D hereditary thermoelastic application of a thick plate under axisymmetric temperature distribution. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	2
10	2D Axisymmetric Problem for a Sphere with Heat Sources in the Theory of Generalized Thermoviscoelasticity. <i>International Journal of Applied Mechanics</i> , <b>2017</b> , 09, 1750028	2.4	1
9	On the galactic motion. <i>Celestial Mechanics and Dynamical Astronomy</i> , <b>1990</b> , 49, 233-247	1.4	1
8	Darcy-Brinkman Micropolar Fluid Flow through Corrugated Micro-Tube with Stationary Random Model. <i>Colloid Journal</i> , <b>2020</b> , 82, 604-616	1.1	1
7	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> , <b>2021</b> , 136, 1	3.1	1
6	Transient electrophoresis of a conducting spherical particle embedded in an electrolyte-saturated Brinkman medium. <i>Electrophoresis</i> , <b>2021</b> , 42, 1636-1647	3.6	0
5	Effect of a general body force on a 2D generalized thermoelastic body with a cylindrical cavity. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 9933-9943	2.3	0
4	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	
3	Effect of a 2D axisymmetric cylindrical heat source on a thermoelastic thick plate. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 6763-6773	2.3	
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	