

# Hamdy Youssef

## List of Publications by Citations

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127  
papers

2,474  
citations

30  
h-index

46  
g-index

138  
ext. papers

2,805  
ext. citations

2.3  
avg, IF

6.07  
L-index

#	Paper	IF	Citations
127	Theory of two-temperature-generalized thermoelasticity. <i>IMA Journal of Applied Mathematics</i> , <b>2006</b> , 71, 383-390	1	258
126	Theory of Fractional Order Generalized Thermoelasticity. <i>Journal of Heat Transfer</i> , <b>2010</b> , 132,	1.8	221
125	Cod liver oil (n-3 fatty acids) as an non-steroidal anti-inflammatory drug sparing agent in rheumatoid arthritis. <i>Rheumatology</i> , <b>2008</b> , 47, 665-9	3.9	120
124	State-space approach of two-temperature generalized thermoelasticity of one-dimensional problem. <i>International Journal of Solids and Structures</i> , <b>2007</b> , 44, 1550-1562	3.1	90
123	Two-temperature generalized thermoelasticity under ramp-type heating by finite element method. <i>Meccanica</i> , <b>2013</b> , 48, 331-339	2.1	88
122	A Nonlinear Generalized Thermoelasticity Model of Temperature-Dependent Materials Using Finite Element Method. <i>International Journal of Thermophysics</i> , <b>2012</b> , 33, 1302-1313	2.1	80
121	Generalized magneto-thermoelasticity in a perfectly conducting medium. <i>International Journal of Solids and Structures</i> , <b>2005</b> , 42, 6319-6334	3.1	62
120	Theory of Two-Temperature Thermoelasticity without Energy Dissipation. <i>Journal of Thermal Stresses</i> , <b>2011</b> , 34, 138-146	2.2	59
119	Fractional order generalized thermoelastic half-space subjected to ramp-type heating. <i>Mechanics Research Communications</i> , <b>2010</b> , 37, 448-452	2.2	59
118	State-space approach of two-temperature generalized thermoelasticity of infinite body with a spherical cavity subjected to different types of thermal loading. <i>Archive of Applied Mechanics</i> , <b>2007</b> , 77, 675-687	2.2	55
117	Finite element analysis of two-temperature generalized magneto-thermoelasticity. <i>Archive of Applied Mechanics</i> , <b>2009</b> , 79, 917-925	2.2	54
116	Theory of generalized thermoelasticity with fractional order strain. <i>JVC/Journal of Vibration and Control</i> , <b>2016</b> , 22, 3840-3857	2	49
115	Problem of generalized thermoelastic infinite medium with cylindrical cavity subjected to a ramp-type heating and loading. <i>Archive of Applied Mechanics</i> , <b>2006</b> , 75, 553-565	2.2	48
114	Dependence of modulus of elasticity and thermal conductivity on reference temperature in generalized thermoelasticity for an infinite material with a spherical cavity. <i>Applied Mathematics and Mechanics (English Edition)</i> , <b>2005</b> , 26, 470-475	3.2	43
113	Two-dimensional generalized thermoelasticity problem for a half-space subjected to ramp-type heating. <i>European Journal of Mechanics, A/Solids</i> , <b>2006</b> , 25, 745-763	3.7	39
112	Variational principle of fractional order generalized thermoelasticity. <i>Applied Mathematics Letters</i> , <b>2010</b> , 23, 1183-1187	3.5	38
111	Theory of generalized porothermoelasticity. <i>International Journal of Rock Mechanics and Minings Sciences</i> , <b>2007</b> , 44, 222-227	6	38

110	Thermoelastic Material Response Due to Laser Pulse Heating in Context of Four Theorems of Thermoelasticity. <i>Journal of Thermal Stresses</i> , <b>2014</b> , 37, 1379-1389	2.2	37
109	Two-dimensional thermal shock problem of fractional order generalized thermoelasticity. <i>Acta Mechanica</i> , <b>2012</b> , 223, 1219-1231	2.1	37
108	Two-temperature generalized thermoelastic infinite medium with cylindrical cavity subjected to moving heat source. <i>Archive of Applied Mechanics</i> , <b>2010</b> , 80, 1213-1224	2.2	37
107	State space approach to generalized thermoelastic problem with thermomechanical shock. <i>Applied Mathematics and Computation</i> , <b>2004</b> , 156, 577-586	2.7	35
106	Two-Temperature Generalized Thermoelasticity with Variable Thermal Conductivity. <i>Journal of Thermal Stresses</i> , <b>2010</b> , 33, 187-201	2.2	34
105	Stokes' first problem for an electro-conducting micropolar fluid with thermoelectric properties. <i>Canadian Journal of Physics</i> , <b>2010</b> , 88, 35-48	1.1	34
104	State-Space Approach to Vibration of Gold Nano-Beam Induced by Ramp Type Heating without Energy Dissipation in Femtoseconds Scale. <i>Journal of Thermal Stresses</i> , <b>2011</b> , 34, 244-263	2.2	32
103	Two-dimensional problem of a two-temperature generalized thermoelastic half-space subjected to ramp-type heating. <i>Computational Mathematics and Modeling</i> , <b>2008</b> , 19, 201-216	0.5	32
102	GENERALIZED THERMOELASTICITY OF AN INFINITE BODY WITH A CYLINDRICAL CAVITY AND VARIABLE MATERIAL PROPERTIES. <i>Journal of Thermal Stresses</i> , <b>2005</b> , 28, 521-532	2.2	32
101	Thermal shock problem of a generalized thermoelastic layered composite material with variable thermal conductivity. <i>Mathematical Problems in Engineering</i> , <b>2006</b> , 2006, 1-14	1.1	32
100	Three-dimensional thermal shock problem of generalized thermoelastic half-space. <i>Applied Mathematical Modelling</i> , <b>2010</b> , 34, 3608-3622	4.5	31
99	Anti-cyclic citrullinated peptide antibodies in patients with juvenile idiopathic arthritis. <i>Immunological Investigations</i> , <b>2008</b> , 37, 849-57	2.9	31
98	Generalized Thermoelastic Infinite Layer Subjected to Ramp-Type Thermal and Mechanical Loading under Three Theories' State Space Approach. <i>Journal of Thermal Stresses</i> , <b>2009</b> , 32, 1293-1309	2.2	30
97	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
96	Generalized thermoelastic infinite medium with cylindrical cavity subjected to moving heat source. <i>Mechanics Research Communications</i> , <b>2009</b> , 36, 487-496	2.2	27
95	Thermoelastic Damping in Nanomechanical Resonators Based on Two-Temperature Generalized Thermoelasticity Theory. <i>Journal of Thermal Stresses</i> , <b>2015</b> , 38, 1345-1359	2.2	26
94	Generalized magneto-thermoelasticity in a conducting medium with variable material properties. <i>Applied Mathematics and Computation</i> , <b>2006</b> , 173, 822-833	2.7	25
93	Two-Temperature Theory in Three-Dimensional Problem for Thermoelastic Half Space Subjected to Ramp Type Heating. <i>Mechanics of Advanced Materials and Structures</i> , <b>2014</b> , 21, 293-304	1.8	24

92	Two-Temperature Generalized Thermoelastopiezoelasticity of Finite Rod Subjected to Different Types of Thermal Loading. <i>Journal of Thermal Stresses</i> , <b>2008</b> , 31, 233-245	2.2	23
91	State-Space Approach to Fractional Order Two-Temperature Generalized Thermoelastic Medium Subjected to Moving Heat Source. <i>Mechanics of Advanced Materials and Structures</i> , <b>2013</b> , 20, 47-60	1.8	22
90	Dual-phase-lagging thermoelastic damping in-extensional vibration of rotating nano-ring. <i>Microsystem Technologies</i> , <b>2017</b> , 23, 4333-4343	1.7	20
89	Mannose-binding sites on human spermatozoa and sperm morphology**Presented in part at the 20th Annual Meeting of the American Society of Andrology, Raleigh, North Carolina, March 31 to April 4, 1995.. <i>Fertility and Sterility</i> , <b>1996</b> , 66, 640-645	4.8	20
88	Thermal-piezoelectric problem of a semiconductor medium during photo-thermal excitation. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 1-15	1.9	19
87	Generalized thermoelastic infinite medium with spherical cavity subjected to moving heat source. <i>Computational Mathematics and Modeling</i> , <b>2010</b> , 21, 212-225	0.5	18
86	Two-Dimensional Fractional Order Generalized Thermoelastic Porous Material. <i>Latin American Journal of Solids and Structures</i> , <b>2015</b> , 12, 1415-1431	1.4	17
85	Vibration of gold nano beam in context of two-temperature generalized thermoelasticity subjected to laser pulse. <i>Latin American Journal of Solids and Structures</i> , <b>2014</b> , 11, 2460-2482	1.4	16
84	A two-temperature generalized thermoelastic medium subjected to a moving heat source and ramp-type heating: A state-space approach. <i>Journal of Mechanics of Materials and Structures</i> , <b>2009</b> , 4, 1637-1649	1.2	16
83	Vibration of gold nanobeam with variable thermal conductivity: state-space approach. <i>Applied Nanoscience (Switzerland)</i> , <b>2013</b> , 3, 397-407	3.3	15
82	State Space Approach for Conducting Magneto-Thermoelastic Medium with Variable Electrical and Thermal Conductivity Subjected to Ramp-Type Heating. <i>Journal of Thermal Stresses</i> , <b>2009</b> , 32, 414-427	2.2	15
81	Vibration of Gold Nano-Beam with Variable Young's Modulus Due to Thermal Shock. <i>World Journal of Nano Science and Engineering</i> , <b>2015</b> , 05, 194-203	0	14
80	Modeling of One-Dimensional Thermoelastic Dual-Phase-Lag Skin Tissue Subjected to Different Types of Thermal Loading. <i>Scientific Reports</i> , <b>2020</b> , 10, 3399	4.9	13
79	State-space approach to two-temperature generalized thermoelasticity without energy dissipation of medium subjected to moving heat source. <i>Applied Mathematics and Mechanics (English Edition)</i> , <b>2013</b> , 34, 63-74	3.2	13
78	A new dynamical modeling SEIR with global analysis applied to the real data of spreading COVID-19 in Saudi Arabia. <i>Mathematical Biosciences and Engineering</i> , <b>2020</b> , 17, 7018-7044	2.1	13
77	A modified SEIR model applied to the data of COVID-19 spread in Saudi Arabia. <i>AIP Advances</i> , <b>2020</b> , 10, 125210	1.5	12
76	Vibration of Gold Nanobeam Induced by Different Types of Thermal LoadingA State-Space Approach. <i>Nanoscale and Microscale Thermophysical Engineering</i> , <b>2011</b> , 15, 48-69	3.7	12
75	Effect of sperm viability, plasmalemma integrity, and capacitation on patterns of expression of mannose-binding sites on human sperm. <i>Archives of Andrology</i> , <b>1997</b> , 38, 67-74		11

74	Two-temperature high-order lagging effect of living tissue subjected to moving heat source. <i>Microsystem Technologies</i> , <b>2019</b> , 25, 4731-4740	1.7	9
73	Three-dimensional generalized thermoelastic diffusion and application for a thermoelastic half-space subjected to rectangular thermal pulse. <i>Journal of Thermal Stresses</i> , <b>2018</b> , 41, 1008-1021	2.2	8
72	Sandwich structure panel subjected to thermal loading using fractional order equation of motion and moving heat source. <i>Canadian Journal of Physics</i> , <b>2018</b> , 96, 174-182	1.1	8
71	Generalized Thermoelasticity Problem of Material Subjected to Thermal Loading Due to Laser Pulse. <i>Applied Mathematics</i> , <b>2012</b> , 03, 142-146	0.4	8
70	Fractional Order Generalized Thermoelastic Infinite Medium with Cylindrical Cavity Subjected to Harmonically Varying Heat. <i>Engineering</i> , <b>2011</b> , 03, 32-37	0.4	8
69	One-dimensional thermoelastic problem of a laser pulse under fractional order equation of motion. <i>Canadian Journal of Physics</i> , <b>2017</b> , 95, 464-471	1.1	7
68	On the theory of two-temperature thermoelasticity without energy dissipation of Green-Naghdi model. <i>Applicable Analysis</i> , <b>2015</b> , 94, 1997-2010	0.8	7
67	Two-Temperature Generalized Thermo-Elastic Medium Thermally Excited by Time Exponentially Decaying Laser Pulse. <i>International Journal of Structural Stability and Dynamics</i> , <b>2016</b> , 16, 1450102	1.9	7
66	Influence of thermal wave emitted by the cellular devices on the human head. <i>Microsystem Technologies</i> , <b>2019</b> , 25, 413-422	1.7	7
65	Three-dimensional thermo-viscoelastic material. <i>Mechanics of Advanced Materials and Structures</i> , <b>2016</b> , 23, 108-116	1.8	6
64	State-space approach to vibration of gold nano-beam induced by ramp type heating. <i>Nano-Micro Letters</i> , <b>2010</b> , 2, 139-147	19.5	6
63	State space approach to thermoelastic problem with vibrational stress. <i>Computational Mathematics and Modeling</i> , <b>2006</b> , 17, 243-253	0.5	6
62	State-space approach to three-dimensional generalized thermoelasticity with fractional order strain. <i>Mechanics of Advanced Materials and Structures</i> , <b>2019</b> , 26, 878-885	1.8	6
61	Study on the SEIQR model and applying the epidemiological rates of COVID-19 epidemic spread in Saudi Arabia. <i>Infectious Disease Modelling</i> , <b>2021</b> , 6, 678-692	15.7	6
60	The reference temperature dependence of Young's modulus of two-temperature thermoelastic damping of gold nano-beam. <i>Mechanics of Time-Dependent Materials</i> , <b>2018</b> , 22, 435-445	1.2	5
59	The biothermal analysis of a human eye subjected to exponentially decaying laser radiation under the dual phase-lag heat conduction law. <i>Case Studies in Thermal Engineering</i> , <b>2021</b> , 25, 100863	5.6	5
58	A proposed modified SEIQR epidemic model to analyze the COVID-19 spreading in Saudi Arabia. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> , 61, 2456-2456	6.1	5
57	Two-dimensional problem of generalized thermoelastic half-space subjected to moving heat source. <i>Microsystem Technologies</i> , <b>2017</b> , 23, 4611-4617	1.7	4

56	The boundary value problem of a three-dimensional generalized thermoelastic half-space subjected to moving rectangular heat source. <i>Boundary Value Problems</i> , <b>2019</b> , 2019,	2.1	4
55	Effect of variable thermal conductivity of semiconductor elastic medium during photothermal excitation subjected to thermal ramp type. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 1-13	1.9	4
54	Characterization of Thermal Damage Due to Two-Temperature High-Order Thermal Lagging in a Three-Dimensional Biological Tissue Subjected to a Rectangular Laser Pulse. <i>Polymers</i> , <b>2020</b> , 12,	4.5	4
53	Volume Change Behavior of Frozen Sands. <i>Journal of Cold Regions Engineering - ASCE</i> , <b>1988</b> , 2, 49-64	1.1	4
52	A Two Dimensional Random Model in the Theory of Generalized Thermoviscoelasticity for a Thick Plate Subjected to Stochastic Ramp-Type Heating. <i>Journal of Advanced Physics</i> , <b>2018</b> , 7, 212-223		4
51	Vibration of Nano Beam Induced by Ramp Type Heating. <i>World Journal of Nano Science and Engineering</i> , <b>2011</b> , 01, 37-44	0	4
50	Thermal shock problem of two-temperature generalized thermoelasticity without energy dissipation with rotation. <i>Microsystem Technologies</i> , <b>2017</b> , 23, 4831-4839	1.7	3
49	Characterization of the photothermal interaction on a viscoelastic semiconducting solid cylinder due to ramp-type heating based on green-naghdi theories. <i>Results in Physics</i> , <b>2020</b> , 19, 103396	3.7	3
48	The influence of the static-pre-stress and mechanical damage variable in the thermal quality factor of two-temperature viscothermoelastic resonators. <i>Advances in Mechanical Engineering</i> , <b>2020</b> , 12, 1687812402093045		3
47	Laparoscopy or laparotomy in the management of benign adnexal cysts in premenopausal women. <i>Gynaecological Endoscopy</i> , <b>2002</b> , 11, 285-291		3
46	A two-dimensional thermoelasticity problem for thermomechanical shock with two relaxation times. <i>Applied Mathematics and Computation</i> , <b>2005</b> , 170, 172-184	2.7	3
45	High-Order Effect in Two-Temperature Thermal Lagging to Thermal Responses in Biological Tissue Subjected to Laser Irradiation. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2018</b> , 8, 1519-1526	0.3	3
44	Two-Temperature Thermoelastic Damping of a Gold Nano-Beam Resonator with Variable Young's Modulus <b>2019</b> , 24, 540-545		3
43	Numerical analysis of the damage mechanics variable and vibration of a viscothermoelastic microbeam with variable thermal conductivity. <i>Journal of Vibroengineering</i> , <b>2021</b> , 23, 75-95	0.5	3
42	The thermal behavior analysis of the human eye under the heat conduction law with one relaxation time. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 5263-5271	6.1	3
41	Characterization of the photothermal interaction on a viscothermoelastic semiconducting solid cylinder due to rotation under Lord-Shulman model. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> , 60, 2083-2092	6.1	3
40	Characterization of the Photothermal Interaction of a Semiconducting Solid Sphere Due to the Fractional Deformation, Relaxation Time, and Various Reference Temperature under L-S Theory. <i>Silicon</i> , <b>2021</b> , 13, 2103-2114	2.4	3
39	Electromagnetic Hall current and variable thermal conductivity influence for microtemperature photothermal excitation process of semiconductor material. <i>Waves in Random and Complex Media</i> , <b>2020</b> , 1-18	1.9	2



38	Effect of the speed, the rotation and the magnetic field on the Q-factor of an axially clamped gold micro-beam. <i>Meccanica</i> , <b>2017</b> , 52, 1685-1694	2.1	2
37	Fractional Order Thermoelastic Waves of Cylindrical Gold Nano-Beam <b>2013</b> ,		2
36	State-Space Approach to Nano-Beam with Variable Material Properties. <i>Advanced Science, Engineering and Medicine</i> , <b>2016</b> , 8, 412-420	0.6	2
35	Vibration of Cylindrical Gold Nano-Beam with Fractional Order Thermoelastic Waves Subjected to Thermal Shock. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2015</b> , 12, 5407-5411	0.3	2
34	Three-dimensional biological tissue under high-order effect of two-temperature thermal lagging to thermal responses due to a laser irradiation. <i>Vibroengineering PROEDIA</i> , <b>2019</b> , 22, 112-117	0.4	2
33	On the Application of the Adomian's Decomposition Method to a Generalized Thermoelastic Infinite Medium with a Spherical Cavity in the Framework Three Different Models. <i>Fluid Dynamics and Materials Processing</i> , <b>2019</b> , 15, 597-611	1.1	2
32	NONLINEAR BEHAVIOR AND THERMAL DAMAGE OF THERMAL LAGGING IN CONCENTRIC LIVING TISSUES SUBJECTED TO GAUSSIAN DISTRIBUTION SOURCE. <i>International Journal of GEOMATE</i> , <b>2019</b> , 17,	1.6	2
31	Characterization of the photothermal interaction due to ramp-type heat on a semiconducting two-dimensional solid cylinder based on the Lord-Shulman model by using double Laplace transform. <i>Mechanics Based Design of Structures and Machines</i> , <b>2020</b> , 1-17	1.7	2
30	Characterization of the photothermal interaction of a semiconducting solid sphere due to the mechanical damage and rotation under Green-Naghdi theories. <i>Mechanics of Advanced Materials and Structures</i> , <b>2020</b> , 1-16	1.8	2
29	The exact analytical solution of the dual-phase-lag two-temperature bioheat transfer of a skin tissue subjected to constant heat flux. <i>Scientific Reports</i> , <b>2020</b> , 10, 15946	4.9	2
28	A novel theory of generalized thermoelasticity based on thermomass motion and two-temperature heat conduction. <i>Journal of Thermal Stresses</i> , <b>2021</b> , 44, 133-148	2.2	2
27	The Thermal Behavior Analysis of a Human Eye Subjected to Laser Radiation Under the Non-Fourier Law of Heat Conduction. <i>Journal of Heat Transfer</i> , <b>2021</b> , 143,	1.8	2
26	The Fractional Strain Influence on a Solid Sphere under Hyperbolic Two-Temperature Generalized Thermoelasticity Theory by Using Diagonalization Method. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-12	1.1	2
25	Thermal-stress analysis of a damaged solid sphere using hyperbolic two-temperature generalized thermoelasticity theory. <i>Scientific Reports</i> , <b>2021</b> , 11, 2289	4.9	2
24	Effect of the rotation of generalized thermoelastic layer subjected to harmonic heat: state-space approach. <i>Microsystem Technologies</i> , <b>2017</b> , 23, 3381-3388	1.7	1
23	Statistical approach to studying generalized magneto-thermoelasticity. <i>Computational Mathematics and Modeling</i> , <b>2012</b> , 23, 272-296	0.5	1
22	Characterization of the Quality Factor Due to the Static Prestress in Classical Caputo and Caputo-Fabrizio Fractional Thermoelastic Silicon Microbeam. <i>Polymers</i> , <b>2020</b> , 13,	4.5	1
21	The effect of modified Ohm's and Fourier's laws in generalized magneto-thermo viscoelastic spherical region. <i>AIMS Materials Science</i> , <b>2020</b> , 7, 381-398	1.9	1

20	State-space approach to vibration of gold nano-beam induced by ramp type heating <b>2010</b> , 2, 139		1
19	Adomian's decomposition method to modeling power functionally graded thermoelastic materials in heat transfer and thermal stress analysis. <i>Vibroengineering PROCEDIA</i> , <b>2019</b> , 22, 188-193	0.4	1
18	Influence of the mechanical damage on vibration of a viscothermoelastic circular microplate resonator based on dual-phase-lag heat conduction. <i>Mechanics of Time-Dependent Materials</i> , <b>2020</b> , 25, 473	1.2	1
17	Characterization of the thermal quality factor of two-temperature micro-viscothermoelastic resonator due to static-pre-stress based on dual-phase-lagging heat conduction. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 3919-3926	6.1	1
16	HY-index: A new science-meter index. <i>International Journal of Advanced and Applied Sciences</i> , <b>2021</b> , 8, 23-28	1.2	1
15	Characterization of the photothermal interaction of a semiconducting solid sphere due to the mechanical damage, ramp-Type heating, and rotation under L-S theory. <i>Waves in Random and Complex Media</i> , 1-26	1.9	1
14	Thermal shock problem of a generalized thermoelastic solid sphere affected by mechanical damage and thermal diffusion <b>2021</b> , 1, 1-16		1
13	Generalized fractional viscothermoelastic nanobeam under the classical Caputo and the new Caputo-Fabrizio definitions of fractional derivatives. <i>Waves in Random and Complex Media</i> , 1-22	1.9	1
12	2-D mathematical model of hyperbolic two-temperature generalized thermoelastic solid cylinder under mechanical damage effect. <i>Archive of Applied Mechanics</i> , 1	2.2	0
11	The vibration of thermoelastic silicon nitride Nanobeam based on green-naghdi theorem type-II subjected to mechanical damage and ramp-type heat. <i>Journal of Strain Analysis for Engineering Design</i> , 030932472110582	1.3	0
10	Voltage and Time Required for Irreversible Thermal Damage of Tumor Tissues during Electrochemotherapy under Thomson Effect. <i>Mathematics</i> , <b>2020</b> , 8, 1488	2.3	0
9	The vibration of a viscothermoelastic nanobeam of silicon nitride with variable thermal conductivity induced by ramp-type thermal loading. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 146, 2387	4.1	0
8	Discussion of [Classification and Laboratory Testing of Artificially Frozen Ground ] by F. H. Sayles, T. H. W. Baker, F. Gallavres, H. L. Jessberger, S. Kinoshita, A. V. Sadovskiy, D. Segó, and S. Vyalov (March 1987, Vol. 1, No. 1). <i>Journal of Cold Regions Engineering - ASCE</i> , <b>1988</b> , 2, 137-139	1.1	
7	Three-dimensional generalized thermoelasticity with variable thermal conductivity. <i>International Journal of Computational Materials Science and Engineering</i> , <b>2020</b> , 09, 2050002	0.3	
6	Irreversible thermal damage due to a laser pulse on the human breast tumour. <i>Journal of Electromagnetic Waves and Applications</i> , 1-17	1.3	
5	Characterization of the Thermal Quality Factor Due to the Static Pre-Stress in Thermoelastic Nano Resonator of Silicon Under Time-Fractional Dual-Phase-Lag Heat Conduction. <i>Silicon</i> , 1	2.4	
4	Two Temperature Heat Flux of Semi Infinite Piezoelectric Ceramic Rod. <i>Engineering</i> , <b>2013</b> , 05, 277-291	0.4	
3	Influence of the Static Pre-Stress in Micro-Viscothermoelastic Resonators Based on Dual-Phase-Lagging Heat Conduction. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8	1.1	



- 2 The photothermal interaction of a semiconducting solid sphere based on three Green-Naghdi theories due to the fractional-order strain and ramp-type heating. *Mechanics of Time-Dependent Materials*,1 1.2
- 1 Thermal analysis of fractional hyperbolic two-temperature porous skin tissue subjected to fractional thermal diffusion by using diagonalization method. *Waves in Random and Complex Media*,1-17<sup>1,9</sup>