

Hamdy Youssef

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.

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	Numerical analysis of the damage mechanics variable and vibration of a viscothermoelastic microbeam with variable thermal conductivity. <i>Journal of Vibroengineering</i> , 2021 , 23, 75-95	0.5	3
126	Characterization of the photothermal interaction on a viscothermoelastic semiconducting solid cylinder due to rotation under Lord-Shulman model. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 2083-2092	6.1	3
125	HY-index: A new science-meter index. <i>International Journal of Advanced and Applied Sciences</i> , 2021 , 8, 23-28	1.2	1
124	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> , 2021 , 25, 100863	5.6	5
123	Thermal shock problem of a generalized thermoelastic solid sphere affected by mechanical damage and thermal diffusion 2021 , 1, 1-16		1
122	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> , 2021 , 13, 2103-2114	2.4	3
121	A novel theory of generalized thermoelasticity based on thermomass motion and two-temperature heat conduction. <i>Journal of Thermal Stresses</i> , 2021 , 44, 133-148	2.2	2
120	Study on the SEIQR model and applying the epidemiological rates of COVID-19 epidemic spread in Saudi Arabia. <i>Infectious Disease Modelling</i> , 2021 , 6, 678-692	15.7	6
119	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> , 2021 , 143,	1.8	2
118	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> , 2021 , 146, 2387	4.1	0
117	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> , 2021 , 2021, 1-12	1.1	2
116	A proposed modified SEIQR epidemic model to analyze the COVID-19 spreading in Saudi Arabia. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 61, 2456-2456	6.1	5
115	Thermal-stress analysis of a damaged solid sphere using hyperbolic two-temperature generalized thermoelasticity theory. <i>Scientific Reports</i> , 2021 , 11, 2289	4.9	2
114	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> , 2020 , 19, 103396	3.7	3
113	A modified SEIR model applied to the data of COVID-19 spread in Saudi Arabia. <i>AIP Advances</i> , 2020 , 10, 125210	1.5	12
112	Thermal-piezoelectric problem of a semiconductor medium during photo-thermal excitation. <i>Waves in Random and Complex Media</i> , 2020 , 1-15	1.9	19
111	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> , 2020 , 1-13	1.9	4

110	Electromagnetic Hall current and variable thermal conductivity influence for microtemperature photothermal excitation process of semiconductor material. <i>Waves in Random and Complex Media</i> , 2020 , 1-18	1.9	2
109	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> , 2020 , 12, 168781-1702093045	1.2	3045
108	Modeling of One-Dimensional Thermoelastic Dual-Phase-Lag Skin Tissue Subjected to Different Types of Thermal Loading. <i>Scientific Reports</i> , 2020 , 10, 3399	4.9	13
107	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> , 2020 , 12,	4.5	4
106	Three-dimensional generalized thermoelasticity with variable thermal conductivity. <i>International Journal of Computational Materials Science and Engineering</i> , 2020 , 09, 2050002	0.3	
105	Characterization of the Quality Factor Due to the Static Prestress in Classical Caputo and Caputo-Fabrizio Fractional Thermoelastic Silicon Microbeam. <i>Polymers</i> , 2020 , 13,	4.5	1
104	The effect of modified Ohm's and Fourier's laws in generalized magneto-thermo viscoelastic spherical region. <i>AIMS Materials Science</i> , 2020 , 7, 381-398	1.9	1
103	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> , 2020 , 17, 7018-7044	2.1	13
102	Influence of the Static Pre-Stress in Micro-Viscothermoelastic Resonators Based on Dual-Phase-Lagging Heat Conduction. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-8	1.1	
101	Voltage and Time Required for Irreversible Thermal Damage of Tumor Tissues during Electrochemotherapy under Thomson Effect. <i>Mathematics</i> , 2020 , 8, 1488	2.3	0
100	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> , 2020 , 1-17	1.7	2
99	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> , 2020 , 25, 473	1.2	1
98	The thermal behavior analysis of the human eye under the heat conduction law with one relaxation time. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 5263-5271	6.1	3
97	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> , 2020 , 1-16	1.8	2
96	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> , 2020 , 59, 3919-3926	6.1	1
95	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> , 2020 , 10, 15946	4.9	2
94	Two-temperature high-order lagging effect of living tissue subjected to moving heat source. <i>Microsystem Technologies</i> , 2019 , 25, 4731-4740	1.7	9
93	The boundary value problem of a three-dimensional generalized thermoelastic half-space subjected to moving rectangular heat source. <i>Boundary Value Problems</i> , 2019 , 2019,	2.1	4

92	Influence of thermal wave emitted by the cellular devices on the human head. <i>Microsystem Technologies</i> , 2019 , 25, 413-422	1.7	7
91	Two-Temperature Thermoelastic Damping of a Gold Nano-Beam Resonator with Variable Young's Modulus 2019 , 24, 540-545		3
90	Three-dimensional biological tissue under high-order effect of two-temperature thermal lagging to thermal responses due to a laser irradiation. <i>Vibroengineering PROCEDIA</i> , 2019 , 22, 112-117	0.4	2
89	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> , 2019 , 15, 597-611	1.1	2
88	Adomian's decomposition method to modeling power functionally graded thermoelastic materials in heat transfer and thermal stress analysis. <i>Vibroengineering PROCEDIA</i> , 2019 , 22, 188-193	0.4	1
87	NONLINEAR BEHAVIOR AND THERMAL DAMAGE OF THERMAL LAGGING IN CONCENTRIC LIVING TISSUES SUBJECTED TO GAUSSIAN DISTRIBUTION SOURCE. <i>International Journal of GEOMATE</i> , 2019 , 17,	1.6	2
86	State-space approach to three-dimensional generalized thermoelasticity with fractional order strain. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 878-885	1.8	6
85	Three-dimensional generalized thermoelastic diffusion and application for a thermoelastic half-space subjected to rectangular thermal pulse. <i>Journal of Thermal Stresses</i> , 2018 , 41, 1008-1021	2.2	8
84	The reference temperature dependence of Young's modulus of two-temperature thermoelastic damping of gold nano-beam. <i>Mechanics of Time-Dependent Materials</i> , 2018 , 22, 435-445	1.2	5
83	Sandwich structure panel subjected to thermal loading using fractional order equation of motion and moving heat source. <i>Canadian Journal of Physics</i> , 2018 , 96, 174-182	1.1	8
82	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> , 2018 , 7, 212-223		4
81	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> , 2018 , 8, 1519-1526	0.3	3
80	Thermal shock problem of two-temperature generalized thermoelasticity without energy dissipation with rotation. <i>Microsystem Technologies</i> , 2017 , 23, 4831-4839	1.7	3
79	One-dimensional thermoelastic problem of a laser pulse under fractional order equation of motion. <i>Canadian Journal of Physics</i> , 2017 , 95, 464-471	1.1	7
78	Dual-phase-lagging thermoelastic damping in-extensional vibration of rotating nano-ring. <i>Microsystem Technologies</i> , 2017 , 23, 4333-4343	1.7	20
77	Two-dimensional problem of generalized thermoelastic half-space subjected to moving heat source. <i>Microsystem Technologies</i> , 2017 , 23, 4611-4617	1.7	4
76	Effect of the speed, the rotation and the magnetic field on the Q-factor of an axially clamped gold micro-beam. <i>Meccanica</i> , 2017 , 52, 1685-1694	2.1	2
75	Effect of the rotation of generalized thermoelastic layer subjected to harmonic heat: state-space approach. <i>Microsystem Technologies</i> , 2017 , 23, 3381-3388	1.7	1

74	Three-dimensional thermo-viscoelastic material. <i>Mechanics of Advanced Materials and Structures</i> , 2016 , 23, 108-116	1.8	6
73	Theory of generalized thermoelasticity with fractional order strain. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 3840-3857	2	49
72	Two-Temperature Generalized Thermo-Elastic Medium Thermally Excited by Time Exponentially Decaying Laser Pulse. <i>International Journal of Structural Stability and Dynamics</i> , 2016 , 16, 1450102	1.9	7
71	State-Space Approach to Nano-Beam with Variable Material Properties. <i>Advanced Science, Engineering and Medicine</i> , 2016 , 8, 412-420	0.6	2
70	Thermoelastic Damping in Nanomechanical Resonators Based on Two-Temperature Generalized Thermoelasticity Theory. <i>Journal of Thermal Stresses</i> , 2015 , 38, 1345-1359	2.2	26
69	On the theory of two-temperature thermoelasticity without energy dissipation of Green-Naghdi model. <i>Applicable Analysis</i> , 2015 , 94, 1997-2010	0.8	7
68	Two-Dimensional Fractional Order Generalized Thermoelastic Porous Material. <i>Latin American Journal of Solids and Structures</i> , 2015 , 12, 1415-1431	1.4	17
67	Vibration of Cylindrical Gold Nano-Beam with Fractional Order Thermoelastic Waves Subjected to Thermal Shock. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 5407-5411	0.3	2
66	Vibration of Gold Nano-Beam with Variable Young's Modulus Due to Thermal Shock. <i>World Journal of Nano Science and Engineering</i> , 2015 , 05, 194-203	0	14
65	Thermoelastic Material Response Due to Laser Pulse Heating in Context of Four Theorems of Thermoelasticity. <i>Journal of Thermal Stresses</i> , 2014 , 37, 1379-1389	2.2	37
64	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> , 2014 , 11, 2460-2482	1.4	16
63	Two-Temperature Theory in Three-Dimensional Problem for Thermoelastic Half Space Subjected to Ramp Type Heating. <i>Mechanics of Advanced Materials and Structures</i> , 2014 , 21, 293-304	1.8	24
62	Vibration of gold nanobeam with variable thermal conductivity: state-space approach. <i>Applied Nanoscience (Switzerland)</i> , 2013 , 3, 397-407	3.3	15
61	Two-temperature generalized thermoelasticity under ramp-type heating by finite element method. <i>Meccanica</i> , 2013 , 48, 331-339	2.1	88
60	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> , 2013 , 34, 63-74	3.2	13
59	Fractional Order Thermoelastic Waves of Cylindrical Gold Nano-Beam 2013 ,		2
58	State-Space Approach to Fractional Order Two-Temperature Generalized Thermoelastic Medium Subjected to Moving Heat Source. <i>Mechanics of Advanced Materials and Structures</i> , 2013 , 20, 47-60	1.8	22
57	Two Temperature Heat Flux of Semi Infinite Piezoelectric Ceramic Rod. <i>Engineering</i> , 2013 , 05, 277-291	0.4	

56	Statistical approach to studying generalized magnetothermoelasticity. <i>Computational Mathematics and Modeling</i> , 2012 , 23, 272-296	0.5	1
55	A Nonlinear Generalized Thermoelasticity Model of Temperature-Dependent Materials Using Finite Element Method. <i>International Journal of Thermophysics</i> , 2012 , 33, 1302-1313	2.1	80
54	Generalized Thermoelasticity Problem of Material Subjected to Thermal Loading Due to Laser Pulse. <i>Applied Mathematics</i> , 2012 , 03, 142-146	0.4	8
53	Two-dimensional thermal shock problem of fractional order generalized thermoelasticity. <i>Acta Mechanica</i> , 2012 , 223, 1219-1231	2.1	37
52	Theory of Two-Temperature Thermoelasticity without Energy Dissipation. <i>Journal of Thermal Stresses</i> , 2011 , 34, 138-146	2.2	59
51	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> , 2011 , 34, 244-263	2.2	32
50	Vibration of Gold Nanobeam Induced by Different Types of Thermal Loading A State-Space Approach. <i>Nanoscale and Microscale Thermophysical Engineering</i> , 2011 , 15, 48-69	3.7	12
49	Fractional Order Generalized Thermoelastic Infinite Medium with Cylindrical Cavity Subjected to Harmonically Varying Heat. <i>Engineering</i> , 2011 , 03, 32-37	0.4	8
48	Vibration of Nano Beam Induced by Ramp Type Heating. <i>World Journal of Nano Science and Engineering</i> , 2011 , 01, 37-44	0	4
47	Two-Temperature Generalized Thermoelasticity with Variable Thermal Conductivity. <i>Journal of Thermal Stresses</i> , 2010 , 33, 187-201	2.2	34
46	Theory of Fractional Order Generalized Thermoelasticity. <i>Journal of Heat Transfer</i> , 2010 , 132,	1.8	221
45	State-space approach to vibration of gold nano-beam induced by ramp type heating. <i>Nano-Micro Letters</i> , 2010 , 2, 139-147	19.5	6
44	Stokes's first problem for an electro-conducting micropolar fluid with thermoelectric properties. <i>Canadian Journal of Physics</i> , 2010 , 88, 35-48	1.1	34
43	Two-temperature generalized thermoelastic infinite medium with cylindrical cavity subjected to moving heat source. <i>Archive of Applied Mechanics</i> , 2010 , 80, 1213-1224	2.2	37
42	Generalized thermoelastic infinite medium with spherical cavity subjected to moving heat source. <i>Computational Mathematics and Modeling</i> , 2010 , 21, 212-225	0.5	18
41	Three-dimensional thermal shock problem of generalized thermoelastic half-space. <i>Applied Mathematical Modelling</i> , 2010 , 34, 3608-3622	4.5	31
40	Fractional order generalized thermoelastic half-space subjected to ramp-type heating. <i>Mechanics Research Communications</i> , 2010 , 37, 448-452	2.2	59
39	Variational principle of fractional order generalized thermoelasticity. <i>Applied Mathematics Letters</i> , 2010 , 23, 1183-1187	3.5	38

38	State-space approach to vibration of gold nano-beam induced by ramp type heating 2010 , 2, 139		1
37	Generalized Thermoelastic Infinite Layer Subjected to Ramp-Type Thermal and Mechanical Loading under Three TheoriesState Space Approach. <i>Journal of Thermal Stresses</i> , 2009 , 32, 1293-1309	2.2	30
36	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> , 2009 , 32, 414-427	2.2	15
35	Finite element analysis of two-temperature generalized magneto-thermoelasticity. <i>Archive of Applied Mechanics</i> , 2009 , 79, 917-925	2.2	54
34	Generalized thermoelastic infinite medium with cylindrical cavity subjected to moving heat source. <i>Mechanics Research Communications</i> , 2009 , 36, 487-496	2.2	27
33	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> , 2009 , 4, 1637-1649	1.2	16
32	Anti-cyclic citrullinated peptide antibodies in patients with juvenile idiopathic arthritis. <i>Immunological Investigations</i> , 2008 , 37, 849-57	2.9	31
31	Two-Temperature Generalized Thermopiezoelectricity of Finite Rod Subjected to Different Types of Thermal Loading. <i>Journal of Thermal Stresses</i> , 2008 , 31, 233-245	2.2	23
30	Cod liver oil (n-3 fatty acids) as an non-steroidal anti-inflammatory drug sparing agent in rheumatoid arthritis. <i>Rheumatology</i> , 2008 , 47, 665-9	3.9	120
29	Two-dimensional problem of a two-temperature generalized thermoelastic half-space subjected to ramp-type heating. <i>Computational Mathematics and Modeling</i> , 2008 , 19, 201-216	0.5	32
28	State-space approach of two-temperature generalized thermoelasticity of one-dimensional problem. <i>International Journal of Solids and Structures</i> , 2007 , 44, 1550-1562	3.1	90
27	Theory of generalized porothermoelasticity. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2007 , 44, 222-227	6	38
26	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> , 2007 , 77, 675-687	2.2	55
25	Theory of two-temperature-generalized thermoelasticity. <i>IMA Journal of Applied Mathematics</i> , 2006 , 71, 383-390	1	258
24	Thermal shock problem of a generalized thermoelastic layered composite material with variable thermal conductivity. <i>Mathematical Problems in Engineering</i> , 2006 , 2006, 1-14	1.1	32
23	Two-dimensional generalized thermoelasticity problem for a half-space subjected to ramp-type heating. <i>European Journal of Mechanics, A/Solids</i> , 2006 , 25, 745-763	3.7	39
22	Generalized magneto-thermoelasticity in a conducting medium with variable material properties. <i>Applied Mathematics and Computation</i> , 2006 , 173, 822-833	2.7	25
21	State space approach to thermoelastic problem with vibrational stress. <i>Computational Mathematics and Modeling</i> , 2006 , 17, 243-253	0.5	6

20	Problem of generalized thermoelastic infinite medium with cylindrical cavity subjected to a ramp-type heating and loading. <i>Archive of Applied Mechanics</i> , 2006 , 75, 553-565	2.2	48
19	GENERALIZED THERMOELASTICITY OF AN INFINITE BODY WITH A CYLINDRICAL CAVITY AND VARIABLE MATERIAL PROPERTIES. <i>Journal of Thermal Stresses</i> , 2005 , 28, 521-532	2.2	32
18	A two-dimensional thermoelasticity problem for thermomechanical shock with two relaxation times. <i>Applied Mathematics and Computation</i> , 2005 , 170, 172-184	2.7	3
17	Generalized magneto-thermoelasticity in a perfectly conducting medium. <i>International Journal of Solids and Structures</i> , 2005 , 42, 6319-6334	3.1	62
16	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> , 2005 , 26, 470-475	3.2	43
15	SHORT TIME SOLUTION FOR A PROBLEM IN MAGNETOTHERMOELASTICITY WITH THERMAL RELAXATION. <i>Journal of Thermal Stresses</i> , 2004 , 27, 537-559	2.2	28
14	State space approach to generalized thermoelastic problem with thermomechanical shock. <i>Applied Mathematics and Computation</i> , 2004 , 156, 577-586	2.7	35
13	Laparoscopy or laparotomy in the management of benign adnexal cysts in premenopausal women. <i>Gynaecological Endoscopy</i> , 2002 , 11, 285-291		3
12	Effect of sperm viability, plasmalemma integrity, and capacitation on patterns of expression of mannose-binding sites on human sperm. <i>Archives of Andrology</i> , 1997 , 38, 67-74		11
11	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> , 1996 , 66, 640-645	4.8	20
10	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. Sego, and S. Vyalov (March 1987, Vol. 1, No. 1). <i>Journal of Cold Regions Engineering - ASCE</i> , 1988 , 2, 137-139	1.1	
9	Volume Change Behavior of Frozen Sands. <i>Journal of Cold Regions Engineering - ASCE</i> , 1988 , 2, 49-64	1.1	4
8	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
7	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	
6	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
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	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
3	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

- 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^{1,9}