Mohamed I A Othman

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154 papers	2,662 citations	29 h-index	44 g-index
163 ext. papers	3,162 ext. citations	2.1 avg, IF	6.21 L-index

#	Paper	IF	Citations
154	Reflection of plane waves from an elastic solid half-space under hydrostatic initial stress without energy dissipation. *International Journal of Solids and Structures*, **2007**, 44, 5651-5664	3.1	108
153	Effect of thermal loading due to laser pulse on thermoelastic porous medium under G-N theory. *Results in Physics*, **2017**, 7, 3863-3872	3.7	90
152	The effect of rotation on generalized micropolar thermoelasticity for a half-space under five theories. *International Journal of Solids and Structures*, **2007**, 44, 2748-2762	3.1	87
151	On the Effect of Thomson and Initial Stress in a Thermo-Porous Elastic Solid under G-N Electromagnetic Theory. *Symmetry*, **2019**, 11, 413	2.7	79
150	Effect of rotation on plane waves in generalized thermo-elasticity with two relaxation times. *International Journal of Solids and Structures*, **2004**, 41, 2939-2956	3.1	77
149	The effect of rotation on the reflection of magneto-thermoelastic waves under thermoelasticity without energy dissipation. *Acta Mechanica*, **2006**, 184, 189-204	2.1	69
148	Effect of rotation on plane waves of generalized electro-magneto-thermoviscoelasticity with two relaxation times. *Applied Mathematical Modelling*, **2008**, 32, 811-825	4.5	68
147	Generalized Thermoelasticity of Thermal-Shock Problem in a Non-homogeneous Isotropic Hollow Cylinder with Energy Dissipation. *International Journal of Thermophysics*, **2012**, 33, 913-923	2.1	63
146	A domain of influence in the Moore‐Gibson‐Thompson theory of dipolar bodies. *Journal of Taibah University for Science*, **2020**, 14, 653-660	3	62
145	LORD-SHULMAN THEORY UNDER THE DEPENDENCE OF THE MODULUS OF ELASTICITY ON THE REFERENCE TEMPERATURE IN TWO-DIMENSIONAL GENERALIZED THERMOELASTICITY. *Journal of Thermal Stresses*, **2002**, 25, 1027-1045	2.2	60
144	The effect of diffusion on two-dimensional problem of generalized thermoelasticity with Green‐Naghdi theory. *International Communications in Heat and Mass Transfer*, **2009**, 36, 857-864	5.8	58
143	Reflection of magneto-thermoelastic waves with two relaxation times and temperature dependent elastic moduli. *Applied Mathematical Modelling*, **2008**, 32, 483-500	4.5	54
142	Effect of rotation on plane waves at the free surface of a fibre-reinforced thermoelastic half-space using the finite element method. *Meccanica*, **2011**, 46, 413-421	2.1	53
141	Effect of rotation and relaxation time on a thermal shock problem for a half-space in generalized thermo-viscoelasticity. *Acta Mechanica*, **2005**, 174, 129-143	2.1	53
140	Generalized magneto-thermoelastic half-space with diffusion under initial stress using three-phase-lag model. *Mechanics Based Design of Structures and Machines*, **2017**, 45, 145-159	1.7	52
139	Generalized thermoelastic interaction in a fiber-reinforced anisotropic half-space under hydrostatic initial stress. *JVC/Journal of Vibration and Control*, **2012**, 18, 175-182	2	48
138	Generalized Magneto-thermoelasticity in a Fiber-Reinforced Anisotropic Half-Space. *International Journal of Thermophysics*, **2011**, 32, 1071-1085	2.1	48

137	A novel model of plane waves of two-temperature fiber-reinforced thermoelastic medium under the effect of gravity with three-phase-lag model. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 4788-4806	4.5	45
136	Effect of rotation on generalized thermo-viscoelastic Rayleigh–Lamb waves. *International Journal of Solids and Structures*, **2007**, 44, 4243-4255	3.1	43
135	The Influence of Gravity on 2-D Problem of Two Temperature Generalized Thermoelastic Medium with Thermal Relaxation. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 2587-2600	0.3	40
134	Reflection of magneto-thermo-elastic waves from a rotating elastic half-space. *International Journal of Engineering Science*, **2008**, 46, 459-474	5.7	39
133	Effect of rotation on micropolar generalized thermoelasticity with two temperatures using a dual-phase lag model. *Canadian Journal of Physics*, **2014**, 92, 149-158	1.1	37
132	Reflection of magneto-thermoelasticity waves with temperature dependent properties in generalized thermoelasticity. *International Communications in Heat and Mass Transfer*, **2009**, 36, 513-520	5.8	37
131	Effect of rotation on plane waves in generalized thermo-microstretch elastic solid with one relaxation time. *Multidiscipline Modeling in Materials and Structures*, **2011**, 7, 43-62	2.2	33
130	2D problem of magneto-thermoelasticity fiber-reinforced medium under temperature dependent properties with three-phase-lag model. *Meccanica*, **2014**, 49, 1225-1241	2.1	32
129	Generalized electromagneto-thermoviscoelastic in case of 2-D thermal shock problem in a finite conducting medium with one relaxation time. *Acta Mechanica*, **2004**, 169, 37-51	2.1	31
128	Electrohydrodynamic instability of a rotating layer of a viscoelastic fluid heated from below. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2004**, 55, 468-482	1.6	31
127	Effect of magnetic field on a rotating thermoelastic medium with voids under thermal loading due to laser pulse with energy dissipation. *Canadian Journal of Physics*, **2014**, 92, 1359-1371	1.1	30
126	The Effect of Thermal Loading Due to Laser Pulse in Generalized Thermoelastic Medium with Voids in Dual Phase Lag Model. *Journal of Thermal Stresses*, **2015**, 38, 1068-1082	2.2	29
125	Generalized magneto-thermoviscoelastic plane waves under the effect of rotation without energy dissipation. *International Journal of Engineering Science*, **2008**, 46, 639-653	5.7	27
124	Generalized Electromagneto-Thermoelastic Plane Waves by Thermal Shock Problem in a Finite Conductivity Half-Space with One Relaxation Time. *Multidiscipline Modeling in Materials and Structures*, **2005**, 1, 231-250	2.2	26
123	Generalized Thermoelastic Medium with Temperature-Dependent Properties for Different Theories under the Effect of Gravity Field. *International Journal of Thermophysics*, **2013**, 34, 521-537	2.1	25
122	Two-Dimensional Problem of Generalized Magneto-Thermoelasticity with Temperature Dependent Elastic Moduli for Different Theories. *Multidiscipline Modeling in Materials and Structures*, **2009**, 5, 235-242	2.2	24
121	The Effect of Rotation on Two-Dimensional Problem of a Fiber-Reinforced Thermoelastic with One Relaxation Time. *International Journal of Thermophysics*, **2012**, 33, 160-171	2.1	23
120	Memory-dependent derivative effect on wave propagation of micropolar thermoelastic medium under pulsed laser heating with three theories. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 30, 1025-1046	4.5	22

119	Effect of rotation on a micropolar magneto-thermoelastic solid in dual-phase-lag model under the gravitational field. *Microsystem Technologies*, **2017**, 23, 4979-4987	1.7	20
118	Numerical Studies for Solving a Free Convection Boundary-Layer Flow Over a Vertical Plate. *Mechanics and Mechanical Engineering*, **2018**, 22, 41-48	0.9	20
117	The Effect of Initial Stress on Thermoelastic Rotating Medium with Voids Due to Laser Pulse Heating with Energy Dissipation. *Journal of Thermal Stresses*, **2015**, 38, 835-853	2.2	19
116	Electrohydrodynamic stability in a horizontal viscoelastic fluid layer in the presence of a vertical temperature gradient. *International Journal of Engineering Science*, **2001**, 39, 1217-1232	5.7	19
115	EFFECT OF INITIAL STRESS ON A THERMOELASTIC MEDIUM WITH VOIDS AND MICROTEMPERATURES. *Journal of Porous Media*, **2016**, 19, 155-172	2.9	19
114	Plane Waves in Generalized Thermo-microstretch Elastic Solid with Thermal Relaxation Using Finite Element Method. *International Journal of Thermophysics*, **2012**, 33, 2407-2423	2.1	18
113	State space approach to the generalized thermoelastic problem with temperature-dependent elastic moduli and internal heat sources. *Journal of Applied Mechanics and Technical Physics*, **2011**, 52, 644-656	0.6	18
112	Electromagneto-hydrodynamic instability in a horizontal viscoelastic fluid layer with one relaxation time. *Acta Mechanica*, **2001**, 150, 1-9	2.1	18
111	Rotation and gravitational field effect on two-temperature thermoelastic material with voids and temperature dependent properties type III. *Journal of Mechanical Science and Technology*, **2015**, 29, 3739-3746	1.6	17
110	Effect of gravity on generalized thermoelastic diffusion due to laser pulse using dual-phase-lag model. *Multidiscipline Modeling in Materials and Structures*, **2018**, 14, 457-481	2.2	17
109	Wave propagation in a two-temperature fiber-reinforced magneto-thermoelastic medium with three-phase-lag model. *Structural Engineering and Mechanics*, **2016**, 57, 201-220		17
108	Effect of initial stress and the gravity field on micropolar thermoelastic solid with microtemperatures. *Journal of Theoretical and Applied Mechanics*,847	1.3	17
107	The effect of a laser pulse and gravity field on a thermoelastic medium under Green-Naghdi theory. *Acta Mechanica*, **2016**, 227, 3571-3583	2.1	17
106	Effect of Thomson and thermal loading due to laser pulse in a magneto-thermo-elastic porous medium with energy dissipation. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2019** , 99, e201900079	1	16
105	Effect of Rotation on Magneto-Thermoelastic Homogeneous Isotropic Hollow Cylinder with Energy Dissipation Using Finite Element Method. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 2399-2404	0.3	16
104	Effect of rotation on plane waves in generalized thermomicrostretch elastic solid: comparison of different theories using finite element method. *Canadian Journal of Physics*, **2014**, 92, 1269-1277	1.1	16
103	Transient response in an elasto-thermo-diffusive medium in the context of memory-dependent heat transfer. *Waves in Random and Complex Media*, **2020**, 1-24	1.9	15
102	Hall current and gravity effect on magnetomicropolar thermoelastic medium with microtemperatures. *Journal of Thermal Stresses*, **2016**, 39, 751-771	2.2	15

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100	Plane waves in a magneto-thermoelastic solids with voids and microtemperatures due to hall current and rotation. *Results in Physics*, **2017**, 7, 4253-4263	3.7	15
99	The Effect of Rotation on a Fiber-Reinforced Medium under Generalized Magneto-Thermoelasticity with Internal Heat Source. *Mechanics of Advanced Materials and Structures*, **2015**, 22, 168-183	1.8	15
98	The Effect of Mechanical Force on Generalized Thermoelasticity in a Fiber-Reinforcement Under Three Theories. *International Journal of Thermophysics*, **2012**, 33, 1082-1099	2.1	15
97	Effect of Magnetic Field on Generalized Thermo-Viscoelastic Diffusion Medium with Voids. *International Journal of Structural Stability and Dynamics*, **2016**, 16, 1550033	1.9	15
96	Analysis on plane waves through magneto-thermoelastic microstretch rotating medium with temperature dependent elastic properties. *Applied Mathematical Modelling*, **2019**, 65, 535-548	4.5	15
95	Characteristics of Rayleigh wave propagation in orthotropic magneto-thermoelastic half-space: An eigen function expansion method. *Applied Mathematical Modelling*, **2019**, 67, 605-620	4.5	15
94	Memory-dependent derivative effect on 2D problem of generalized thermoelastic rotating medium with Lord‐Shulman model. *Indian Journal of Physics*, **2020**, 94, 1169-1181	1.4	15
93	Effect of gravity field on piezothermoelastic medium with three theories. *Journal of Thermal Stresses*, **2016**, 39, 474-486	2.2	14
92	Effect of magnetic field on piezo-thermoelastic medium with three theories. *Results in Physics*, **2017**, 7, 3361-3368	3.7	14
91	Influence of magnetic field on generalized piezo-thermoelastic rotating medium with two relaxation times. *Microsystem Technologies*, **2017**, 23, 5599-5612	1.7	14
90	Thermoelastic plane waves for an elastic solid half-space under hydrostatic initial stress of type III. *Meccanica*, **2012**, 47, 1337-1347	2.1	14
89	Influence of gravity and micro-temperatures on the thermoelastic porous medium under three theories. *International Journal of Numerical Methods for Heat and Fluid Flow*, **2019**, 29, 3242-3262	4.5	13
88	Effect of initial stress and Hall current on a magneto-thermoelastic porous medium with microtemperatures. *Indian Journal of Physics*, **2019**, 93, 475-485	1.4	13
87	Effect of initial stress on a semiconductor material with temperature dependent properties under DPL model. *Microsystem Technologies*, **2017**, 23, 5587-5598	1.7	12
86	Effect of Rotation and Initial Stress on Generalized Micropolar Thermoelastic Medium with Three-Phase-Lag. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 2030-2040	0.3	12
85	State-space approach to a 2-D generalized thermoelastic medium under the effect of inclined load and gravity using a dual-phase-lag model. *Mechanics Based Design of Structures and Machines*, **2020**, 1-17	1.7	12
84	The effect of rotation on the problem of fiber-reinforced under generalized magnetothermoelasticity subject to thermal loading due to laser pulse: a comparison of different theories. *Canadian Journal of Physics*, **2014**, 92, 1002-1015	1.1	12

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82	A two-temperature rotating-micropolar thermoelastic medium under influence of magnetic field. *Chaos, Solitons and Fractals*, **2017**, 97, 75-83	9.3	11
81	Effect of rotation on a semiconducting medium with two-temperatures under L-S theory. *Archives of Thermodynamics*, **2017**, 38, 101-122		11
80	Effect of the gravity on the photothermal waves in a semiconducting medium with an internal heat source and one relaxation time. *Waves in Random and Complex Media*, **2017**, 27, 711-731	1.9	10
79	The effect of variable thermal conductivity on an infinite fiber-reinforced thick plate under initial stress. *Journal of Mechanics of Materials and Structures*, **2019**, 14, 277-293	1.2	10
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77	Memory dependent derivative effect on generalized piezo-thermoelastic medium under three theories. *Waves in Random and Complex Media*, **2020**, 1-18	1.9	10
76	Generalized Magneto-thermoelasticity in a Fiber-Reinforced Anisotropic Half-Space with Energy Dissipation. *International Journal of Thermophysics*, **2012**, 33, 1126-1142	2.1	10
75	Effect of rotation on plane waves in generalized thermo-microstretch elastic solid with a relaxation time. *Meccanica*, **2012**, 47, 1467-1486	2.1	10
74	Effect of heat laser pulse on wave propagation of generalized thermoelastic micropolar medium with energy dissipation. *Indian Journal of Physics*, **2020**, 94, 309-317	1.4	10
73	Propagation of the photothermal waves in a semiconducting medium under L-S theory. *Journal of Thermal Stresses*, **2016**, 39, 1419-1427	2.2	9
72	Effect of rotation on a fiber-reinforced thermo-elastic under Green-Naghdi theory and influence of gravity. *Meccanica*, **2014**, 49, 23-36	2.1	9
71	The influence of thermal loading due to laser pulse on generalized micropolar thermoelastic solid with comparison of different theories. *Multidiscipline Modeling in Materials and Structures*, **2014**, 10, 328-345	2.2	9
70	Thermal shock problem in a homogeneous isotropic hollow cylinder with energy dissipation. *Computational Mathematics and Modeling*, **2011**, 22, 266-277	0.5	9
69	Thermal relaxation effect on magnetohydrodynamic instability in a rotating micropolar fluid layer heated from below. *Acta Mechanica*, **2004**, 170, 187	2.1	9
68	Dual-phase-lag model on micropolar thermoelastic rotating medium under the effect of thermal load due to laser pulse. *Indian Journal of Physics*, **2020**, 94, 999-1008	1.4	9
67	Laser pulse, initial stress and modified Ohm's law in micropolar thermoelasticity with microtemperatures. *Results in Physics*, **2018**, 8, 642-653	3.7	8
66	The Effect of Hydrostatic Initial Stress on the Plane Waves in a Fiber-Reinforced Magneto-Thermoelastic Medium with Fractional Derivative Heat Transfer. *International Applied Mechanics*, **2016**, 52, 203-216	1	8

65	2-D problem of a Mode-I crack for a generalized thermoelasticity under Green-Naghdi theory. *Meccanica*, **2013**, 48, 1543-1551	2.1	8
64	The effect of initial stress on generalized thermoelastic medium with three-phase-lag model under temperature-dependent properties. *Canadian Journal of Physics*, **2014**, 92, 448-457	1.1	8
63	Influence of the gravitational field on a piezothermoelastic rotating medium with G-L theory. *European Physical Journal Plus*, **2016**, 131, 1	3.1	8
62	Effect of Magnetic Field and Rotation on Generalized Thermo-Microstretch. Elastic Solid with Mode-I Crack Under the Green Naghdi Theory. *Computational Mathematics and Modeling*, **2013**, 24, 566-591	0.5	7
61	Effect of mechanical force, rotation and moving internal heat source on a two-temperature fiber-reinforced thermoelastic medium with two theories. *Mechanics of Time-Dependent Materials*, **2017**, 21, 245-261	1.2	7
60	Influence of the mechanical force and the magnetic field on fibre-reinforced medium for three-phase-lag model. *European Journal of Computational Mechanics*, **2015**, 24, 210-231	0.5	7
59	2-D Problem of a Rotating Thermoelastic Solid with Voids and Thermal Loading Due to Laser Pulse Under Three Theories. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 294-305	0.3	7
58	The effect of temperature-dependent properties on generalized magneto-thermo-elastic medium with two-temperature under three-phase-lag model. *Multidiscipline Modeling in Materials and Structures*, **2017**, 13, 122-134	2.2	6
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56	Microstretch thermoelastic solid with temperature-dependent elastic properties under the influence of magnetic and gravitational field. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2018**, 40, 1	2	6
55	Generalized electromagneto-thermoelasticity with two-temperature and internal heat source in a finite conducting medium under three theories. *Waves in Random and Complex Media*, **2019**, 1-20	1.9	6
54	The Effect of Magnetic Field on 2-D Problem for a Mode-I Crack of a Fiber-Reinforced in Generalized Thermoelasticity. *International Journal of Thermophysics*, **2014**, 35, 154-174	2.1	6
53	The Effect of Phase Lag and Gravity Field on Generalized Thermoelastic Medium in Two and Three Dimensions. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 2827-2837	0.3	6
52	Elasto-thermodiffusive interaction subjected to rectangular thermal pulse and time-dependent chemical shock due to Caputo-Fabrizio heat transfer. *Waves in Random and Complex Media*, **2020**, 1-23	1.9	6
51	Effect of the thermal relaxation and magnetic field on generalized micropolar thermoelasticity. *Journal of Applied Mechanics and Technical Physics*, **2016**, 57, 108-116	0.6	6
50	The gravity impact in a rotating micropolar thermoelastic medium with microtemperatures. *Journal of Ocean Engineering and Science*, **2018**, 3, 325-333	4.4	6
49	Effect of Rotation on Thermoelastic Medium with Voids and Temperature-Dependent Elastic Moduli under Three Theories. *Journal of Engineering Mechanics - ASCE*, **2018**, 144, 04018003	2.4	5
48	Gravitational Effect on a Fiber-Reinforced Thermoelastic Medium with Temperature-Dependent Properties for Two Different Theories. *Iranian Journal of Science and Technology - Transactions of Mechanical Engineering*, **2016**, 40, 223-232	1.2	5

47	Propagation of Plane Waves of a Mode-I Crack for a Generalized Thermoelasticity under Influence of Gravity for Different Theories. *Mechanics of Advanced Materials and Structures*, **2014**, 21, 697-709	1.8	5
46	Reflection of plane waves from a thermo-microstretch elastic solid under the effect of rotation. *Canadian Journal of Physics*, **2014**, 92, 488-496	1.1	5
45	Reflection of Plane Waves from a Rotating Thermoelastic Medium with Two-Temperature Under the Influence of Gravity with Three Theories. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 8575-8582	0.3	5
44	LS theory for the propagation of the photo-thermal waves in a semiconducting nonlocal elastic medium. *Waves in Random and Complex Media*,1-14	1.9	5
43	Effect of gravity, magnetic field and internal heat source on a fiber-reinforced medium with two temperatures. *Indian Journal of Physics*, **2019**, 93, 1453-1464	1.4	5
42	Laser pulses and rotation effects with the temperature-dependent properties in micropolar thermoelastic solids with microtemperatures. *Multidiscipline Modeling in Materials and Structures*, **2019**, 15, 418-436	2.2	5
41	THE GRAVITY AND ROTATION EFFECT IN MAGNETO-THERMOELASTIC MEDIUM WITH VOIDS AND THREE DIFFERENT THEORIES. *Journal of Porous Media*, **2018**, 21, 865-875	2.9	5
40	A general form of the heat conduction equation of thermoelasticity with voids and gravity field. *Multidiscipline Modeling in Materials and Structures*, **2018**, 14, 65-76	2.2	4
39	The Effect of Rotation on 2-D Thermal Shock Problems for a Generalized Magneto-thermo-Elasticity Half-Space Under Three Theories. *Multidiscipline Modeling in Materials and Structures*, **2009**, 5, 43-58	2.2	4
38	Thermoelasticity of Initially Stressed Bodies with Voids: A Domain of Influence. *Symmetry*, **2019**, 11, 573	2.7	3
37	Computational analysis on the influence of damping in solid body deformation during thermoelastic mass diffusion. *Waves in Random and Complex Media*, **2020**, 1-21	1.9	3
36	Magnetothermoelstic analysis for an infinite solid cylinder with variable thermal conductivity due to harmonically varying heat. *Microsystem Technologies*, **2017**, 23, 5635-5644	1.7	3
35	Fundamental solution of generalized thermo-viscoelasticity using the finite element method. *Computational Mathematics and Modeling*, **2012**, 23, 158-167	0.5	3
34	On a magneto-poro-thermoelastic medium under the influence of the Seebeck effect. *International Journal for Numerical and Analytical Methods in Geomechanics*, **2020**, 44, 705-719	4	3
33	2-D Analysis of Generalized Thermoelastic Porous Medium under the Effect of Laser Pulse and Microtemperature. *International Journal of Structural Stability and Dynamics*, **2021**, 21, 2150126	1.9	3
32	Magnetothermoelastic interactions in non-simple medium with a spherical cavity due to time-harmonic varying heat. *Multidiscipline Modeling in Materials and Structures*, **2019**, 15, 932-946	2.2	3
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30	Three-dimensional thermal shock problem in the frame of memory-dependent generalized thermoelasticity. *Indian Journal of Physics*, **2021**, 95, 459-469	1.4	3

29	Two-Dimensional Problem of Generalized Thermo-Microstretch Elastic Solid Under Green-Naghdi Theory. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 2579-2586	0.3	2
28	Reflection of plane waves on generalized thermoelastic medium under effect of temperature dependent properties and initial stress with three-phase-lag model. *Mechanics Based Design of Structures and Machines*, **2020**, 1-14	1.7	2
27	Effect of inclined load and magnetic field in a micropolar thermoelastic medium possessing cubic symmetry in the context of G-N theory. *Multidiscipline Modeling in Materials and Structures*, **2018**, 14, 306-321	2.2	2
26	Effect of rotation and gravity on generalized thermo-viscoelastic medium with voids. *Multidiscipline Modeling in Materials and Structures*, **2018**, 14, 322-338	2.2	2
25	2-D Problem of Anisotropic Rotating Thermoelastic Half-Space Under Green-Naghdi Theory. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 3263-3270	0.3	2
24	2D Problem of Micropolar Thermoelastic Rotating Medium Possessing Cubic Symmetry Under Effect of Inclined Load with G-N III. *Journal of Computational and Theoretical Nanoscience*, **2016**, 13, 5590-5597	0.3	2
23	On the evolution of solutions of mixed problems in thermoelasticity of porous bodies with dipolar structure. *Continuum Mechanics and Thermodynamics*,1	3.5	2
22	The effect of initial stress and rotation on a nonlocal fiber-reinforced thermoelastic medium with a fractional derivative heat transfer. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2022**, 102, e202100110	1	2
21	Pulsed laser heating of a thermoelastic micro-stretch medium under the effect of a magnetic field in the context of a dual-phase-lag model. *Indian Journal of Physics*, **2020**, 94, 619-631	1.4	2
20	Extensional and flexural modes of Rayleigh–Lamb wave in an orthotropic thermoelastic layer lying over a viscoelastic half-space. *Applied Mathematical Modelling*, **2020**, 84, 76-88	4.5	2
19	Effect of temperature-dependent and internal heat source on a micropolar thermoelastic medium with voids under 3PHL model. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2021**, 101, e202000185	1	2
18	The effect of gravity and inclined load in micropolar thermoelastic medium possessing cubic symmetry under G-N theory. *Journal of Ocean Engineering and Science*, **2018**, 3, 288-294	4.4	2
17	Thomson effect with hyperbolic two-temperature on magneto-thermo-visco-elasticity. *Applied Mathematics and Mechanics (English Edition)*, **2021**, 42, 1311-1326	3.2	2
16	Effect of magnetic field on generalized thermoelastic medium with double porosity structure under LS theory. *Indian Journal of Physics*, **2020**, 94, 1993-2004	1.4	1
15	Exact analytical solution of a homogeneous anisotropic piezo-thermoelasic half-space of a hexagonal type under different fields with three theories. *Microsystem Technologies*, **2019**, 25, 1423-1435	1.7	1
14	Comments on the paper "Thermodynamic modeling of a laser pulse heating in a rotating microelongated nonlocal thermoelastic solid due to G-N theory, Mohamed I. M. Hilal, ZAMM , 2021, zamm.202100285, zamm.202100285.R1, https://doi.org/10.1002/zamm.202100285" *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2021**, 101,	1	1
13	Rotating silver nanobeam subjected to ramp-type heating and varying load via Eringen's nonlocal thermoelastic model. *Archive of Applied Mechanics*, **2022**, 92, 1127	2.2	1
12	Mathematical model for a magneto-thermoelastic micropolar medium with temperature-dependent material moduli under the effect of mechanical strip load. *Acta Mechanica*, **2021**, 232, 2331-2346	2.1	1

11	A thermoelastic micro-elongated layer under the effect of gravity in the context of the dual-phase lag model. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*,e202100109	1	1
10	Effect of gravity field and moving internal heat source on a 2-D problem of thermoelastic fiber-reinforced medium: Comparison of different theories. *Mechanics of Advanced Materials and Structures*, **2019**, 26, 796-804	1.8	1
9	Reflection phenomena of waves in a rotating micro-stretch medium with temperature-dependent elastic properties in the Context of GreenNaghdi theory. *Indian Journal of Physics*, **2021**, 95, 681-690	1.4	1
8	A novel model of multi-temperatures theory in generalized thermo-viscoelasticity. *Waves in Random and Complex Media*,1-18	1.9	1
7	2-D Problem of micropolar thermoelastic rotating medium with eigenvalue approach under the three-phase-lag model. *Waves in Random and Complex Media*,1-16	1.9	0
6	The initial stress effect on a thermoelastic micro-elongated solid under the dual-phase-lag model. *Applied Physics A: Materials Science and Processing*, **2021**, 127, 1	2.6	0
5	Influence of Initial Stress and Variable Thermal Conductivity on a Fiber-Reinforced Magneto-Thermoelastic Solid with Micro-Temperatures by Multi-Phase-Lags Model. *International Journal of Structural Stability and Dynamics*,2250007	1.9	0
4	Effect of Magnetic Field on Thermoelastic Micro-Elongated Solid with Diffusion Under Dual-Phase-Lag Model. *International Journal of Structural Stability and Dynamics*,2150189	1.9	0
3	On the concept of a conformable fractional differential equation **2021**, 1, 17-29		
2	Effect of magnetic field and gravity on two-temperature thermomicrostretch elastic medium under dual-phase lag model. *Indian Journal of Physics*, **2020**, 94, 69-79	1.4	
1	Thermal effects and initial stress on magneto-thermo-viscoelastic medium with two temperature under five theories. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*,e202000392	1	