

Mohamed I A Othman

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6978099/mohamed-i-a-othman-publications-by-year.pdf>

Version: 2024-04-10

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.

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	Rotating silver nanobeam subjected to ramp-type heating and varying load via Eringen's nonlocal thermoelastic model. <i>Archive of Applied Mechanics</i> , 2022 , 92, 1127	2.2	1
153	The effect of initial stress and rotation on a nonlocal fiber-reinforced thermoelastic medium with a fractional derivative heat transfer. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2022 , 102, e202100110	1	2
152	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, e202000185	1	1
151	Mathematical model for a magneto-thermoelastic micropolar medium with temperature-dependent material moduli under the effect of mechanical strip load. <i>Acta Mechanica</i> , 2021 , 232, 2331-2346	2.1	1
150	2-D Analysis of Generalized Thermoelastic Porous Medium under the Effect of Laser Pulse and Microtemperature. <i>International Journal of Structural Stability and Dynamics</i> , 2021 , 21, 2150126	1.9	3
149	On the concept of a conformable fractional differential equation 2021 , 1, 17-29		
148	Reflection phenomena of waves in a rotating micro-stretch medium with temperature-dependent elastic properties in the Context of Green-Naghdi theory. <i>Indian Journal of Physics</i> , 2021 , 95, 681-690	1.4	1
147	Effect of temperature-dependent and internal heat source on a micropolar thermoelastic medium with voids under 3PHL model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021 , 101, e202000185	1	2
146	Three-dimensional thermal shock problem in the frame of memory-dependent generalized thermoelasticity. <i>Indian Journal of Physics</i> , 2021 , 95, 459-469	1.4	3
145	Thomson effect with hyperbolic two-temperature on magneto-thermo-visco-elasticity. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2021 , 42, 1311-1326	3.2	2
144	The initial stress effect on a thermoelastic micro-elongated solid under the dual-phase-lag model. <i>Applied Physics A: Materials Science and Processing</i> , 2021 , 127, 1	2.6	0
143	Effect of magnetic field on generalized thermoelastic medium with double porosity structure under LB theory. <i>Indian Journal of Physics</i> , 2020 , 94, 1993-2004	1.4	1
142	Memory dependent derivative effect on generalized piezo-thermoelastic medium under three theories. <i>Waves in Random and Complex Media</i> , 2020 , 1-18	1.9	10
141	Transient response in an elasto-thermo-diffusive medium in the context of memory-dependent heat transfer. <i>Waves in Random and Complex Media</i> , 2020 , 1-24	1.9	15
140	Computational analysis on the influence of damping in solid body deformation during thermoelastic mass diffusion. <i>Waves in Random and Complex Media</i> , 2020 , 1-21	1.9	3
139	State-space approach to a 2-D generalized thermoelastic medium under the effect of inclined load and gravity using a dual-phase-lag model. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-17	1.7	12
138	Reflection of plane waves on generalized thermoelastic medium under effect of temperature dependent properties and initial stress with three-phase-lag model. <i>Mechanics Based Design of Structures and Machines</i> , 2020 , 1-14	1.7	2

137	On a magneto-poro-thermoelastic medium under the influence of the Seebeck effect. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020 , 44, 705-719	4	3
136	A domain of influence in the Moore-Gibson-Thompson theory of dipolar bodies. <i>Journal of Taibah University for Science</i> , 2020 , 14, 653-660	3	62
135	Elasto-thermodiffusive interaction subjected to rectangular thermal pulse and time-dependent chemical shock due to Caputo-Fabrizio heat transfer. <i>Waves in Random and Complex Media</i> , 2020 , 1-23	1.9	6
134	Exact solutions of generalized thermoelastic medium with double porosity under LB theory. <i>Indian Journal of Physics</i> , 2020 , 94, 725-736	1.4	3
133	Effect of heat laser pulse on wave propagation of generalized thermoelastic micropolar medium with energy dissipation. <i>Indian Journal of Physics</i> , 2020 , 94, 309-317	1.4	10
132	Effect of magnetic field and gravity on two-temperature thermomicrostretch elastic medium under dual-phase lag model. <i>Indian Journal of Physics</i> , 2020 , 94, 69-79	1.4	
131	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. <i>Indian Journal of Physics</i> , 2020 , 94, 619-631	1.4	2
130	Dual-phase-lag model on micropolar thermoelastic rotating medium under the effect of thermal load due to laser pulse. <i>Indian Journal of Physics</i> , 2020 , 94, 999-1008	1.4	9
129	Memory-dependent derivative effect on 2D problem of generalized thermoelastic rotating medium with Lord-Shulman model. <i>Indian Journal of Physics</i> , 2020 , 94, 1169-1181	1.4	15
128	Extensional and flexural modes of Rayleigh-Lamb wave in an orthotropic thermoelastic layer lying over a viscoelastic half-space. <i>Applied Mathematical Modelling</i> , 2020 , 84, 76-88	4.5	2
127	The effect of variable thermal conductivity on an infinite fiber-reinforced thick plate under initial stress. <i>Journal of Mechanics of Materials and Structures</i> , 2019 , 14, 277-293	1.2	10
126	Effect of Thomson and thermal loading due to laser pulse in a magneto-thermo-elastic porous medium with energy dissipation. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2019 , 99, e201900079	1	16
125	Thermoelasticity of Initially Stressed Bodies with Voids: A Domain of Influence. <i>Symmetry</i> , 2019 , 11, 573	2.7	3
124	On the Effect of Thomson and Initial Stress in a Thermo-Porous Elastic Solid under G-N Electromagnetic Theory. <i>Symmetry</i> , 2019 , 11, 413	2.7	79
123	Eigenvalue approach for generalized thermoelastic porous medium under the effect of thermal loading due to a laser pulse in DPL model. <i>Indian Journal of Physics</i> , 2019 , 93, 1567-1578	1.4	10
122	Exact analytical solution of a homogeneous anisotropic piezo-thermoelastic half-space of a hexagonal type under different fields with three theories. <i>Microsystem Technologies</i> , 2019 , 25, 1423-1435	1.7	1
121	Generalized electro-magneto-thermoelasticity with two-temperature and internal heat source in a finite conducting medium under three theories. <i>Waves in Random and Complex Media</i> , 2019 , 1-20	1.9	6
120	Effect of gravity, magnetic field and internal heat source on a fiber-reinforced medium with two temperatures. <i>Indian Journal of Physics</i> , 2019 , 93, 1453-1464	1.4	5

119	A novel model of plane waves of two-temperature fiber-reinforced thermoelastic medium under the effect of gravity with three-phase-lag model. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 29, 4788-4806	4.5	45
118	Influence of gravity and micro-temperatures on the thermoelastic porous medium under three theories. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 29, 3242-3262	4.5	13
117	Memory-dependent derivative effect on wave propagation of micropolar thermoelastic medium under pulsed laser heating with three theories. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 30, 1025-1046	4.5	22
116	Magnetothermoelastic interactions in non-simple medium with a spherical cavity due to time-harmonic varying heat. <i>Multidiscipline Modeling in Materials and Structures</i> , 2019 , 15, 932-946	2.2	3
115	Analysis on plane waves through magneto-thermoelastic microstretch rotating medium with temperature dependent elastic properties. <i>Applied Mathematical Modelling</i> , 2019 , 65, 535-548	4.5	15
114	Characteristics of Rayleigh wave propagation in orthotropic magneto-thermoelastic half-space: An eigen function expansion method. <i>Applied Mathematical Modelling</i> , 2019 , 67, 605-620	4.5	15
113	Effect of initial stress and Hall current on a magneto-thermoelastic porous medium with microtemperatures. <i>Indian Journal of Physics</i> , 2019 , 93, 475-485	1.4	13
112	Laser pulses and rotation effects with the temperature-dependent properties in micropolar thermoelastic solids with microtemperatures. <i>Multidiscipline Modeling in Materials and Structures</i> , 2019 , 15, 418-436	2.2	5
111	Effect of gravity field and moving internal heat source on a 2-D problem of thermoelastic fiber-reinforced medium: Comparison of different theories. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 796-804	1.8	1
110	Effect of Rotation on Thermoelastic Medium with Voids and Temperature-Dependent Elastic Moduli under Three Theories. <i>Journal of Engineering Mechanics - ASCE</i> , 2018 , 144, 04018003	2.4	5
109	Effect of gravity on generalized thermoelastic diffusion due to laser pulse using dual-phase-lag model. <i>Multidiscipline Modeling in Materials and Structures</i> , 2018 , 14, 457-481	2.2	17
108	Effect of inclined load and magnetic field in a micropolar thermoelastic medium possessing cubic symmetry in the context of G-N theory. <i>Multidiscipline Modeling in Materials and Structures</i> , 2018 , 14, 306-321	2.2	2
107	Effect of rotation and gravity on generalized thermo-viscoelastic medium with voids. <i>Multidiscipline Modeling in Materials and Structures</i> , 2018 , 14, 322-338	2.2	2
106	Laser pulse, initial stress and modified Ohm's law in micropolar thermoelasticity with microtemperatures. <i>Results in Physics</i> , 2018 , 8, 642-653	3.7	8
105	A general form of the heat conduction equation of thermoelasticity with voids and gravity field. <i>Multidiscipline Modeling in Materials and Structures</i> , 2018 , 14, 65-76	2.2	4
104	Microstretch thermoelastic solid with temperature-dependent elastic properties under the influence of magnetic and gravitational field. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	6
103	Numerical Studies for Solving a Free Convection Boundary Layer Flow Over a Vertical Plate. <i>Mechanics and Mechanical Engineering</i> , 2018 , 22, 41-48	0.9	20
102	THE GRAVITY AND ROTATION EFFECT IN MAGNETO-THERMOELASTIC MEDIUM WITH VOIDS AND THREE DIFFERENT THEORIES. <i>Journal of Porous Media</i> , 2018 , 21, 865-875	2.9	5

101	The gravity impact in a rotating micropolar thermoelastic medium with microtemperatures. <i>Journal of Ocean Engineering and Science</i> , 2018 , 3, 325-333	4.4	6
100	The effect of gravity and inclined load in micropolar thermoelastic medium possessing cubic symmetry under G-N theory. <i>Journal of Ocean Engineering and Science</i> , 2018 , 3, 288-294	4.4	2
99	Generalized magneto-thermoelastic half-space with diffusion under initial stress using three-phase-lag model. <i>Mechanics Based Design of Structures and Machines</i> , 2017 , 45, 145-159	1.7	52
98	Effect of rotation on a micropolar magneto-thermoelastic solid in dual-phase-lag model under the gravitational field. <i>Microsystem Technologies</i> , 2017 , 23, 4979-4987	1.7	20
97	Effect of initial stress on a semiconductor material with temperature dependent properties under DPL model. <i>Microsystem Technologies</i> , 2017 , 23, 5587-5598	1.7	12
96	The effect of temperature-dependent properties on generalized magneto-thermo-elastic medium with two-temperature under three-phase-lag model. <i>Multidiscipline Modeling in Materials and Structures</i> , 2017 , 13, 122-134	2.2	6
95	Effect of the gravity on the photothermal waves in a semiconducting medium with an internal heat source and one relaxation time. <i>Waves in Random and Complex Media</i> , 2017 , 27, 711-731	1.9	10
94	A two-temperature rotating-micropolar thermoelastic medium under influence of magnetic field. <i>Chaos, Solitons and Fractals</i> , 2017 , 97, 75-83	9.3	11
93	Effect of thermal loading due to laser pulse on thermoelastic porous medium under G-N theory. <i>Results in Physics</i> , 2017 , 7, 3863-3872	3.7	90
92	Effect of magnetic field on piezo-thermoelastic medium with three theories. <i>Results in Physics</i> , 2017 , 7, 3361-3368	3.7	14
91	Influence of magnetic field on generalized piezo-thermoelastic rotating medium with two relaxation times. <i>Microsystem Technologies</i> , 2017 , 23, 5599-5612	1.7	14
90	Magnetothermoelstic analysis for an infinite solid cylinder with variable thermal conductivity due to harmonically varying heat. <i>Microsystem Technologies</i> , 2017 , 23, 5635-5644	1.7	3
89	Effect of mechanical force, rotation and moving internal heat source on a two-temperature fiber-reinforced thermoelastic medium with two theories. <i>Mechanics of Time-Dependent Materials</i> , 2017 , 21, 245-261	1.2	7
88	Plane waves in a magneto-thermoelastic solids with voids and microtemperatures due to hall current and rotation. <i>Results in Physics</i> , 2017 , 7, 4253-4263	3.7	15
87	Effect of rotation on a semiconducting medium with two-temperatures under L-S theory. <i>Archives of Thermodynamics</i> , 2017 , 38, 101-122		11
86	Propagation of the photothermal waves in a semiconducting medium under L-S theory. <i>Journal of Thermal Stresses</i> , 2016 , 39, 1419-1427	2.2	9
85	The Effect of Hydrostatic Initial Stress on the Plane Waves in a Fiber-Reinforced Magneto-Thermoelastic Medium with Fractional Derivative Heat Transfer. <i>International Applied Mechanics</i> , 2016 , 52, 203-216	1	8
84	Hall current and gravity effect on magnetomicropolar thermoelastic medium with microtemperatures. <i>Journal of Thermal Stresses</i> , 2016 , 39, 751-771	2.2	15

83	Gravitational Effect on a Fiber-Reinforced Thermoelastic Medium with Temperature-Dependent Properties for Two Different Theories. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2016 , 40, 223-232	1.2	5
82	Effect of gravity field on piezothermoelastic medium with three theories. <i>Journal of Thermal Stresses</i> , 2016 , 39, 474-486	2.2	14
81	The Effect of Phase Lag and Gravity Field on Generalized Thermoelastic Medium in Two and Three Dimensions. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 2827-2837	0.3	6
80	2D Problem of Micropolar Thermoelastic Rotating Medium Possessing Cubic Symmetry Under Effect of Inclined Load with G-N III. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 5590-5597	0.3	2
79	Reflection of Plane Waves from a Rotating Thermoelastic Medium with Two-Temperature Under the Influence of Gravity with Three Theories. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 8575-8582	0.3	5
78	Wave propagation in a two-temperature fiber-reinforced magneto-thermoelastic medium with three-phase-lag model. <i>Structural Engineering and Mechanics</i> , 2016 , 57, 201-220		17
77	EFFECT OF INITIAL STRESS ON A THERMOELASTIC MEDIUM WITH VOIDS AND MICROTEMPERATURES. <i>Journal of Porous Media</i> , 2016 , 19, 155-172	2.9	19
76	The effect of a laser pulse and gravity field on a thermoelastic medium under Green-Naghdi theory. <i>Acta Mechanica</i> , 2016 , 227, 3571-3583	2.1	17
75	2-D Problem of a Rotating Thermoelastic Solid with Voids and Thermal Loading Due to Laser Pulse Under Three Theories. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 294-305	0.3	7
74	Influence of the gravitational field on a piezothermoelastic rotating medium with G-L theory. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	8
73	Effect of Magnetic Field on Generalized Thermo-Viscoelastic Diffusion Medium with Voids. <i>International Journal of Structural Stability and Dynamics</i> , 2016 , 16, 1550033	1.9	15
72	Effect of the thermal relaxation and magnetic field on generalized micropolar thermoelasticity. <i>Journal of Applied Mechanics and Technical Physics</i> , 2016 , 57, 108-116	0.6	6
71	The Effect of Gravity on Plane Waves in a Rotating Thermo-Microstretch Elastic Solid for a Mode-I Crack with Energy Dissipation. <i>Mechanics of Advanced Materials and Structures</i> , 2015 , 22, 945-955	1.8	6
70	The Effect of Thermal Loading Due to Laser Pulse in Generalized Thermoelastic Medium with Voids in Dual Phase Lag Model. <i>Journal of Thermal Stresses</i> , 2015 , 38, 1068-1082	2.2	29
69	Effect of Rotation and Initial Stress on Generalized Micropolar Thermoelastic Medium with Three-Phase-Lag. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 2030-2040	0.3	12
68	Effect of Rotation on Magneto-Thermoelastic Homogeneous Isotropic Hollow Cylinder with Energy Dissipation Using Finite Element Method. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 2399-2404	0.3	16
67	Two-Dimensional Problem of Generalized Thermo-Microstretch Elastic Solid Under Green-Naghdi Theory. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 2579-2586	0.3	2
66	The Influence of Gravity on 2-D Problem of Two Temperature Generalized Thermoelastic Medium with Thermal Relaxation. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 2587-2600	0.3	40

65	Rotation and gravitational field effect on two-temperature thermoelastic material with voids and temperature dependent properties type III. <i>Journal of Mechanical Science and Technology</i> , 2015 , 29, 3739-3746 ¹⁶	1.6	17
64	The Effect of Initial Stress on Thermoelastic Rotating Medium with Voids Due to Laser Pulse Heating with Energy Dissipation. <i>Journal of Thermal Stresses</i> , 2015 , 38, 835-853	2.2	19
63	The Effect of Rotation on a Fiber-Reinforced Medium under Generalized Magneto-Thermoelasticity with Internal Heat Source. <i>Mechanics of Advanced Materials and Structures</i> , 2015 , 22, 168-183	1.8	15
62	2-D Problem of Anisotropic Rotating Thermoelastic Half-Space Under Green-Naghdi Theory. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 3263-3270	0.3	2
61	Influence of the mechanical force and the magnetic field on fibre-reinforced medium for three-phase-lag model. <i>European Journal of Computational Mechanics</i> , 2015 , 24, 210-231	0.5	7
60	The effect of rotation on piezo-thermoelastic medium using different theories. <i>Structural Engineering and Mechanics</i> , 2015 , 56, 649-665		12
59	The Effect of Magnetic Field on 2-D Problem for a Mode-I Crack of a Fiber-Reinforced in Generalized Thermoelasticity. <i>International Journal of Thermophysics</i> , 2014 , 35, 154-174	2.1	6
58	2D problem of magneto-thermoelasticity fiber-reinforced medium under temperature dependent properties with three-phase-lag model. <i>Meccanica</i> , 2014 , 49, 1225-1241	2.1	32
57	Effect of rotation on a fiber-reinforced thermo-elastic under Green-Naghdi theory and influence of gravity. <i>Meccanica</i> , 2014 , 49, 23-36	2.1	9
56	Effect of magnetic field on a rotating thermoelastic medium with voids under thermal loading due to laser pulse with energy dissipation. <i>Canadian Journal of Physics</i> , 2014 , 92, 1359-1371	1.1	30
55	Effect of rotation on plane waves in generalized thermomicrostretch elastic solid: comparison of different theories using finite element method. <i>Canadian Journal of Physics</i> , 2014 , 92, 1269-1277	1.1	16
54	The influence of thermal loading due to laser pulse on generalized micropolar thermoelastic solid with comparison of different theories. <i>Multidiscipline Modeling in Materials and Structures</i> , 2014 , 10, 328-345 ²²	2.2	9
53	The effect of initial stress on generalized thermoelastic medium with three-phase-lag model under temperature-dependent properties. <i>Canadian Journal of Physics</i> , 2014 , 92, 448-457	1.1	8
52	Propagation of Plane Waves of a Mode-I Crack for a Generalized Thermoelasticity under Influence of Gravity for Different Theories. <i>Mechanics of Advanced Materials and Structures</i> , 2014 , 21, 697-709	1.8	5
51	Effect of rotation on micropolar generalized thermoelasticity with two temperatures using a dual-phase lag model. <i>Canadian Journal of Physics</i> , 2014 , 92, 149-158	1.1	37
50	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. <i>Canadian Journal of Physics</i> , 2014 , 92, 1002-1015	1.1	12
49	Reflection of plane waves from a thermo-microstretch elastic solid under the effect of rotation. <i>Canadian Journal of Physics</i> , 2014 , 92, 488-496	1.1	5
48	2-D problem of a Mode-I crack for a generalized thermoelasticity under Green-Naghdi theory. <i>Meccanica</i> , 2013 , 48, 1543-1551	2.1	8

47	Effect of Magnetic Field and Rotation on Generalized Thermo-Microstretch. Elastic Solid with Mode-I Crack Under the Green Naghdi Theory. <i>Computational Mathematics and Modeling</i> , 2013 , 24, 566-591	0.5	7
46	Generalized Thermoelastic Medium with Temperature-Dependent Properties for Different Theories under the Effect of Gravity Field. <i>International Journal of Thermophysics</i> , 2013 , 34, 521-537	2.1	25
45	Plane Waves of a Fiber-Reinforcement Magneto-thermoelastic Comparison of Three Different Theories. <i>International Journal of Thermophysics</i> , 2013 , 34, 366-383	2.1	15
44	The Effect of Rotation on Two-Dimensional Problem of a Fiber-Reinforced Thermoelastic with One Relaxation Time. <i>International Journal of Thermophysics</i> , 2012 , 33, 160-171	2.1	23
43	Plane Waves in Generalized Thermo-microstretch Elastic Solid with Thermal Relaxation Using Finite Element Method. <i>International Journal of Thermophysics</i> , 2012 , 33, 2407-2423	2.1	18
42	Generalized thermoelastic interaction in a fiber-reinforced anisotropic half-space under hydrostatic initial stress. <i>JVC/Journal of Vibration and Control</i> , 2012 , 18, 175-182	2	48
41	Fundamental solution of generalized thermo-viscoelasticity using the finite element method. <i>Computational Mathematics and Modeling</i> , 2012 , 23, 158-167	0.5	3
40	Generalized Thermoelasticity of Thermal-Shock Problem in a Non-homogeneous Isotropic Hollow Cylinder with Energy Dissipation. <i>International Journal of Thermophysics</i> , 2012 , 33, 913-923	2.1	63
39	The Effect of Mechanical Force on Generalized Thermoelasticity in a Fiber-Reinforcement Under Three Theories. <i>International Journal of Thermophysics</i> , 2012 , 33, 1082-1099	2.1	15
38	Generalized Magneto-thermoelasticity in a Fiber-Reinforced Anisotropic Half-Space with Energy Dissipation. <i>International Journal of Thermophysics</i> , 2012 , 33, 1126-1142	2.1	10
37	Thermoelastic plane waves for an elastic solid half-space under hydrostatic initial stress of type III. <i>Meccanica</i> , 2012 , 47, 1337-1347	2.1	14
36	Effect of rotation on plane waves in generalized thermo-microstretch elastic solid with a relaxation time. <i>Meccanica</i> , 2012 , 47, 1467-1486	2.1	10
35	State space approach to the generalized thermoelastic problem with temperature-dependent elastic moduli and internal heat sources. <i>Journal of Applied Mechanics and Technical Physics</i> , 2011 , 52, 644-656	0.6	18
34	Generalized Magneto-thermoelasticity in a Fiber-Reinforced Anisotropic Half-Space. <i>International Journal of Thermophysics</i> , 2011 , 32, 1071-1085	2.1	48
33	Thermal shock problem in a homogeneous isotropic hollow cylinder with energy dissipation. <i>Computational Mathematics and Modeling</i> , 2011 , 22, 266-277	0.5	9
32	Effect of rotation on plane waves at the free surface of a fibre-reinforced thermoelastic half-space using the finite element method. <i>Meccanica</i> , 2011 , 46, 413-421	2.1	53
31	Effect of rotation on plane waves in generalized thermo-microstretch elastic solid with one relaxation time. <i>Multidiscipline Modeling in Materials and Structures</i> , 2011 , 7, 43-62	2.2	33
30	Two-Dimensional Problem of Generalized Magneto-Thermoelasticity with Temperature Dependent Elastic Moduli for Different Theories. <i>Multidiscipline Modeling in Materials and Structures</i> , 2009 , 5, 235-242	2.2	24

29	The Effect of Rotation on 2-D Thermal Shock Problems for a Generalized Magneto-thermo-Elasticity Half-Space Under Three Theories. <i>Multidiscipline Modeling in Materials and Structures</i> , 2009 , 5, 43-58	2.2	4
28	Reflection of magneto-thermoelasticity waves with temperature dependent properties in generalized thermoelasticity. <i>International Communications in Heat and Mass Transfer</i> , 2009 , 36, 513-520	5.8	37
27	The effect of diffusion on two-dimensional problem of generalized thermoelasticity with Green-Naghdi theory. <i>International Communications in Heat and Mass Transfer</i> , 2009 , 36, 857-864	5.8	58
26	Reflection of magneto-thermoelastic waves with two relaxation times and temperature dependent elastic moduli. <i>Applied Mathematical Modelling</i> , 2008 , 32, 483-500	4.5	54
25	Effect of rotation on plane waves of generalized electro-magneto-thermoviscoelasticity with two relaxation times. <i>Applied Mathematical Modelling</i> , 2008 , 32, 811-825	4.5	68
24	Reflection of magneto-thermo-elastic waves from a rotating elastic half-space. <i>International Journal of Engineering Science</i> , 2008 , 46, 459-474	5.7	39
23	Generalized magneto-thermoviscoelastic plane waves under the effect of rotation without energy dissipation. <i>International Journal of Engineering Science</i> , 2008 , 46, 639-653	5.7	27
22	The effect of rotation on generalized micropolar thermoelasticity for a half-space under five theories. <i>International Journal of Solids and Structures</i> , 2007 , 44, 2748-2762	3.1	87
21	Effect of rotation on generalized thermo-viscoelastic Rayleigh-Lamb waves. <i>International Journal of Solids and Structures</i> , 2007 , 44, 4243-4255	3.1	43
20	Reflection of plane waves from an elastic solid half-space under hydrostatic initial stress without energy dissipation. <i>International Journal of Solids and Structures</i> , 2007 , 44, 5651-5664	3.1	108
19	The effect of rotation on the reflection of magneto-thermoelastic waves under thermoelasticity without energy dissipation. <i>Acta Mechanica</i> , 2006 , 184, 189-204	2.1	69
18	Effect of rotation and relaxation time on a thermal shock problem for a half-space in generalized thermo-viscoelasticity. <i>Acta Mechanica</i> , 2005 , 174, 129-143	2.1	53
17	Generalized Electromagneto-Thermoelastic Plane Waves by Thermal Shock Problem in a Finite Conductivity Half-Space with One Relaxation Time. <i>Multidiscipline Modeling in Materials and Structures</i> , 2005 , 1, 231-250	2.2	26
16	Generalized electromagneto-thermoviscoelastic in case of 2-D thermal shock problem in a finite conducting medium with one relaxation time. <i>Acta Mechanica</i> , 2004 , 169, 37-51	2.1	31
15	Thermal relaxation effect on magnetohydrodynamic instability in a rotating micropolar fluid layer heated from below. <i>Acta Mechanica</i> , 2004 , 170, 187	2.1	9
14	Electrohydrodynamic instability of a rotating layer of a viscoelastic fluid heated from below. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2004 , 55, 468-482	1.6	31
13	Effect of rotation on plane waves in generalized thermo-elasticity with two relaxation times. <i>International Journal of Solids and Structures</i> , 2004 , 41, 2939-2956	3.1	77
12	LORD-SHULMAN THEORY UNDER THE DEPENDENCE OF THE MODULUS OF ELASTICITY ON THE REFERENCE TEMPERATURE IN TWO-DIMENSIONAL GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , 2002 , 25, 1027-1045	2.2	60

11	Electromagneto-hydrodynamic instability in a horizontal viscoelastic fluid layer with one relaxation time. <i>Acta Mechanica</i> , 2001 , 150, 1-9	2.1	18
10	Electrohydrodynamic stability in a horizontal viscoelastic fluid layer in the presence of a vertical temperature gradient. <i>International Journal of Engineering Science</i> , 2001 , 39, 1217-1232	5.7	19
9	Effect of initial stress and the gravity field on micropolar thermoelastic solid with microtemperatures. <i>Journal of Theoretical and Applied Mechanics</i> , 847	1.3	17
8	On the evolution of solutions of mixed problems in thermoelasticity of porous bodies with dipolar structure. <i>Continuum Mechanics and Thermodynamics</i> , 1	3.5	2
7	LB theory for the propagation of the photo-thermal waves in a semiconducting nonlocal elastic medium. <i>Waves in Random and Complex Media</i> , 1-14	1.9	5
6	A thermoelastic micro-elongated layer under the effect of gravity in the context of the dual-phase lag model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , e202100109	1	1
5	2-D Problem of micropolar thermoelastic rotating medium with eigenvalue approach under the three-phase-lag model. <i>Waves in Random and Complex Media</i> , 1-16	1.9	0
4	A novel model of multi-temperatures theory in generalized thermo-viscoelasticity. <i>Waves in Random and Complex Media</i> , 1-18	1.9	1
3	Influence of Initial Stress and Variable Thermal Conductivity on a Fiber-Reinforced Magneto-Thermoelastic Solid with Micro-Temperatures by Multi-Phase-Lags Model. <i>International Journal of Structural Stability and Dynamics</i> , 2250007	1.9	0
2	Effect of Magnetic Field on Thermoelastic Micro-Elongated Solid with Diffusion Under Dual-Phase-Lag Model. <i>International Journal of Structural Stability and Dynamics</i> , 2150189	1.9	0
1	Thermal effects and initial stress on magneto-thermo-viscoelastic medium with two temperature under five theories. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , e202000392	1	