

Magdy A Ezzat

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.

165
papers

4,678
citations

47
h-index

58
g-index

174
ext. papers

5,222
ext. citations

2.7
avg, IF

6.45
L-index

#	Paper	IF	Citations
165	Bio-thermo-mechanics behavior in living viscoelastic tissue under the fractional dual-phase-lag theory. <i>Archive of Applied Mechanics</i> , 2021 , 91, 3903-3919	2.2	1
164	Two-temperature fractional Green-Naghdi of type III in magneto-thermo-viscoelasticity theory subjected to a moving heat source. <i>Indian Journal of Physics</i> , 2021 , 95, 657-671	1.4	2
163	Memory-dependent derivative theory of ultrafast laser-induced behavior in magneto-thermo-viscoelastic metal films. <i>Indian Journal of Physics</i> , 2021 , 95, 1121-1130	1.4	1
162	Thermo-mechanical memory responses of biological viscoelastic tissue with variable thermal material properties. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021 , 31, 548-569	4.5	2
161	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
160	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
159	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
158	Fractional thermo-viscoelasticity theory with and without energy dissipation. <i>Waves in Random and Complex Media</i> , 2020 , 1-20	1.9	0
157	Fractional thermo-viscoelastic response of biological tissue with variable thermal material properties. <i>Journal of Thermal Stresses</i> , 2020 , 43, 1120-1137	2.2	15
156	Hyperbolic thermal-plasma wave propagation in semiconductor of organic material. <i>Waves in Random and Complex Media</i> , 2020 , 1-25	1.9	6
155	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
154	The effects of thermal and mechanical material properties on tumorous tissue during hyperthermia treatment. <i>Journal of Thermal Biology</i> , 2020 , 92, 102649	2.9	7
153	On thermoelectric materials with memory-dependent derivative and subjected to a moving heat source. <i>Microsystem Technologies</i> , 2020 , 26, 595-608	1.7	8
152	On phase-lag Green-Naghdi theory without energy dissipation for electro-thermoelasticity including heat sources. <i>Mechanics Based Design of Structures and Machines</i> , 2019 , 47, 769-786	1.7	21
151	Two-dimensional problem for thermoviscoelastic materials with fractional order heat transfer. <i>Journal of Thermal Stresses</i> , 2019 , 42, 1298-1315	2.2	14
150	Skin tissue responses to transient heating with memory-dependent derivative. <i>Journal of Thermal Biology</i> , 2019 , 86, 102427	2.9	5
149	On dual-phase-lag magneto-thermo-viscoelasticity theory with memory-dependent derivative. <i>Microsystem Technologies</i> , 2019 , 25, 2915-2929	1.7	12

148	Fractional Green-Naghdi theory for thermoelectric MHD. <i>Waves in Random and Complex Media</i> , 2019 , 29, 631-644	1.9	8
147	Unified GN model of electro-thermoelasticity theories with fractional order of heat transfer. <i>Microsystem Technologies</i> , 2018 , 24, 4965-4979	1.7	7
146	Thermodiffusion with two time delays and Kernel functions. <i>Mathematics and Mechanics of Solids</i> , 2018 , 23, 195-208	2.3	5
145	Two-temperature theory in Green-Naghdi thermoelasticity with fractional phase-lag heat transfer. <i>Microsystem Technologies</i> , 2018 , 24, 951-961	1.7	30
144	Thermoelectric spherical shell with fractional order heat transfer. <i>Microsystem Technologies</i> , 2018 , 24, 891-899	1.7	7
143	Electromagneto interaction in fractional Green-Naghdi thermoelastic solid with a cylindrical cavity. <i>Waves in Random and Complex Media</i> , 2018 , 28, 150-168	1.9	11
142	Magneto-electric interactions without energy dissipation for a fractional thermoelastic spherical cavity. <i>Microsystem Technologies</i> , 2018 , 24, 2895-2903	1.7	4
141	Application of fractional order theory of thermoelasticity to 3D time-dependent thermal shock problem for a half-space. <i>Mechanics of Advanced Materials and Structures</i> , 2017 , 24, 27-35	1.8	9
140	Generalized fractional magneto-thermo-viscoelasticity. <i>Microsystem Technologies</i> , 2017 , 23, 1767-1777	1.7	9
139	Fractional order theory to an infinite thermo-viscoelastic body with a cylindrical cavity in the presence of an axial uniform magnetic field. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 495-513	1.3	10
138	On dual-phase-lag thermoelasticity theory with memory-dependent derivative. <i>Mechanics of Advanced Materials and Structures</i> , 2017 , 24, 908-916	1.8	30
137	Application of fractional order theory to a functionally graded perfect conducting thermoelastic half space with variable Lamé Modulii. <i>Microsystem Technologies</i> , 2017 , 23, 4891-4902	1.7	3
136	Fractional phase-lag Green-Naghdi thermoelasticity theories. <i>Journal of Thermal Stresses</i> , 2017 , 40, 1063-1078	1.7	9
135	On thermo-viscoelastic infinitely long hollow cylinder with variable thermal conductivity. <i>Microsystem Technologies</i> , 2017 , 23, 3263-3270	1.7	8
134	Application of fractional order theory of magneto-thermoelasticity to an infinite perfect conducting body with a cylindrical cavity. <i>Microsystem Technologies</i> , 2017 , 23, 2447-2458	1.7	13
133	Thermoelectric viscoelastic materials with memory-dependent derivative. <i>Smart Structures and Systems</i> , 2017 , 19, 539-551		19
132	Three-dimensional thermo-viscoelastic material. <i>Mechanics of Advanced Materials and Structures</i> , 2016 , 23, 108-116	1.8	6
131	Generalized thermoelasticity with memory-dependent derivatives involving two temperatures. <i>Mechanics of Advanced Materials and Structures</i> , 2016 , 23, 545-553	1.8	74

130	Magneto-thermoelasticity with two fractional order heat transferPeer review under responsibility of University of Bahrain.View all notes. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016 , 19, 70-79		5
129	Thermoelastic diffusion with memory-dependent derivative. <i>Journal of Thermal Stresses</i> , 2016 , 39, 1035-1050		57
128	Modeling of memory-dependent derivative in generalized thermoelasticity. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	54
127	Fractional thermoelasticity applications for porous asphaltic materials. <i>Petroleum Science</i> , 2016 , 13, 550-560	4.4	23
126	Tissue responses to fractional transient heating with sinusoidal heat flux condition on skin surface. <i>Animal Science Journal</i> , 2016 , 87, 1304-1311	1.8	24
125	On the phase-lag Green-Naghdi thermoelasticity theories. <i>Applied Mathematical Modelling</i> , 2016 , 40, 5643-5659	4.5	24
124	Electro-thermoelasticity theory with memory-dependent derivative heat transfer. <i>International Journal of Engineering Science</i> , 2016 , 99, 22-38	5.7	61
123	Effects of variable thermal conductivity on Stokes' flow of a thermoelectric fluid with fractional order of heat transfer. <i>International Journal of Thermal Sciences</i> , 2016 , 100, 305-315	4.1	21
122	Modeling of fractional magneto-thermoelasticity for a perfect conducting materials. <i>Smart Structures and Systems</i> , 2016 , 18, 707-731		5
121	Magneto-thermoelectric viscoelastic materials with memory-dependent derivative involving two-temperature. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016 , 50, 549-567	0.4	21
120	Effects of variable thermal conductivity and fractional order of heat transfer on a perfect conducting infinitely long hollow cylinder. <i>International Journal of Thermal Sciences</i> , 2016 , 108, 62-69	4.1	37
119	Thermoelectric MHD with memory-dependent derivative heat transfer. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 75, 270-281	5.8	14
118	Electro-magnetic waves in generalized thermo-viscoelasticity for different theories. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2015 , 47, 95-111	0.4	9
117	Thermo-viscoelastic materials with fractional relaxation operators. <i>Applied Mathematical Modelling</i> , 2015 , 39, 7499-7512	4.5	36
116	A novel magneto-thermoelasticity theory with memory-dependent derivative. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 1018-1031	1.3	54
115	On Thermo-viscoelasticity with Variable Thermal Conductivity and Fractional-Order Heat Transfer. <i>International Journal of Thermophysics</i> , 2015 , 36, 1684-1697	2.1	28
114	Two-temperature Green-Naghdi theory of type III in linear thermoviscoelastic anisotropic solid. <i>Applied Mathematical Modelling</i> , 2015 , 39, 2155-2171	4.5	21
113	Memory-dependent derivatives theory of thermo-viscoelasticity involving two-temperature. <i>Journal of Mechanical Science and Technology</i> , 2015 , 29, 4273-4279	1.6	58

112	Thermoelectric Viscoelastic Fluid with Fractional Integral and Derivative Heat Transfer. <i>Advances in Applied Mathematics and Mechanics</i> , 2015 , 7, 528-548	2.1	4
111	State space approach to two-dimensional magneto-thermoelasticity with fractional order heat transfer in a medium of perfect conductivity. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2015 , 49, 607-625	0.4	5
110	Modified Fourier's Law with Time-Delay and Kernel Function: Application in Thermoelasticity. <i>Journal of Thermal Stresses</i> , 2015 , 38, 811-834	2.2	21
109	Fractional modelling of Pennes bioheat transfer equation. <i>Heat and Mass Transfer</i> , 2014 , 50, 907-914	2.2	59
108	Generalized thermo-viscoelasticity with memory-dependent derivatives. <i>International Journal of Mechanical Sciences</i> , 2014 , 89, 470-475	5.5	112
107	State space approach to unsteady magnetohydrodynamics natural convection heat and mass transfer through a porous medium saturated with a viscoelastic fluid. <i>Journal of Applied Mechanics and Technical Physics</i> , 2014 , 55, 660-671	0.6	1
106	Fractional ultrafast laser-induced magneto-thermoelastic behavior in perfect conducting metal films. <i>Journal of Electromagnetic Waves and Applications</i> , 2014 , 28, 64-82	1.3	27
105	Two-temperature theory of magneto-thermo-viscoelasticity with fractional derivative and integral orders heat transfer. <i>Journal of Electromagnetic Waves and Applications</i> , 2014 , 28, 1985-2004	1.3	30
104	Stokes' First Problem for a Thermoelectric Fluid with Fractional-Order Heat Transfer. <i>Reports on Mathematical Physics</i> , 2014 , 74, 145-158	0.8	6
103	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
102	Magneto-Thermo-Viscoelastic Medium Associated with Wiedemann-Franz Law. <i>Mechanics of Advanced Materials and Structures</i> , 2014 , 21, 824-835	1.8	5
101	On the dual-phase-lag thermoelasticity theory. <i>Meccanica</i> , 2014 , 49, 79-89	2.1	28
100	Numerical study of the Stokes' first problem for thermoelectric micropolar fluid with fractional derivative heat transfer. <i>Magnetohydrodynamics</i> , 2014 , 50, 263-278	1.6	8
99	Stokes' first problem for a thermoelectric Newtonian fluid. <i>Meccanica</i> , 2013 , 48, 1161-1175	2.1	6
98	On the three-phase-lag linear micropolar thermoelasticity theory. <i>European Journal of Mechanics, A/Solids</i> , 2013 , 40, 198-208	3.7	48
97	Fractional Fourier Law with Three-Phase Lag of Thermoelasticity. <i>Mechanics of Advanced Materials and Structures</i> , 2013 , 20, 593-602	1.8	33
96	Fractional calculus in one-dimensional isotropic thermo-viscoelasticity. <i>Comptes Rendus - Mecanique</i> , 2013 , 341, 553-566	2.1	29
95	Fractional thermoelectric viscoelastic materials. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 2187-2199.	2.8	28

94	State space approach to thermoelectric fluid with fractional order heat transfer. <i>Heat and Mass Transfer</i> , 2012 , 48, 71-82	2.2	48
93	Two-temperature theory in magneto-thermoelasticity with fractional order dual-phase-lag heat transfer. <i>Nuclear Engineering and Design</i> , 2012 , 252, 267-277	1.8	69
92	Fractional Ultrafast Laser-Induced Thermo-Elastic Behavior In Metal Films. <i>Journal of Thermal Stresses</i> , 2012 , 35, 637-651	2.2	27
91	State space approach to magnetohydrodynamic flow of perfectly conducting micropolar fluid with stretch. <i>International Journal for Numerical Methods in Fluids</i> , 2012 , 70, 114-134	1.9	8
90	Fractional order theory in thermoelastic solid with three-phase lag heat transfer. <i>Archive of Applied Mechanics</i> , 2012 , 82, 557-572	2.2	61
89	Two-Temperature Theory in Thermo-Electric Viscoelastic Material Subjected to Modified Ohm's and Fourier's Laws. <i>Mechanics of Advanced Materials and Structures</i> , 2012 , 19, 453-464	1.8	7
88	On the Two-Temperature Green-Naghdi Thermoelasticity Theories. <i>Journal of Thermal Stresses</i> , 2011 , 34, 1207-1226	2.2	51
87	Two-temperature theory in generalized magneto-thermoelasticity with two relaxation times. <i>Meccanica</i> , 2011 , 46, 785-794	2.1	18
86	Fractional order heat conduction law in magneto-thermoelasticity involving two temperatures. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2011 , 62, 937-952	1.6	58
85	Thermoelectric MHD with modified Fourier's law. <i>International Journal of Thermal Sciences</i> , 2011 , 50, 449-455	4.1	49
84	Fractional order theory of a perfect conducting thermoelastic medium. <i>Canadian Journal of Physics</i> , 2011 , 89, 311-318	1.1	82
83	Magneto-electro viscoelastic layer in functionally graded materials. <i>Composites Part B: Engineering</i> , 2011 , 42, 832-841	10	10
82	Theory of fractional order in generalized thermoelectric MHD. <i>Applied Mathematical Modelling</i> , 2011 , 35, 4965-4978	4.5	81
81	Combined heat and mass transfer for unsteady MHD flow of perfect conducting micropolar fluid with thermal relaxation. <i>Energy Conversion and Management</i> , 2011 , 52, 934-945	10.6	31
80	Theory of fractional order in electro-thermoelasticity. <i>European Journal of Mechanics, A/Solids</i> , 2011 , 30, 491-500	3.7	80
79	Magneto-thermoelasticity with thermoelectric properties and fractional derivative heat transfer. <i>Physica B: Condensed Matter</i> , 2011 , 406, 30-35	2.8	142
78	Fractional Order Theory of Thermoelastic Diffusion. <i>Journal of Thermal Stresses</i> , 2011 , 34, 851-872	2.2	70
77	A Theory of Heat and Mass Transfer in Viscoelastic Solids with Microstructures. <i>Journal of Thermal Stresses</i> , 2011 , 34, 795-816	2.2	2

76	Convolutional Variational Principle, Reciprocal and Uniqueness Theorems in Linear Fractional Two-Temperature Thermoelasticity. <i>Journal of Thermal Stresses</i> , 2011 , 34, 264-284	2.2	64
75	Constitutive Relations, Uniqueness of Solution, and Thermal Shock Application in the Linear Theory of Micropolar Generalized Thermoelasticity Involving Two Temperatures. <i>Journal of Thermal Stresses</i> , 2010 , 33, 226-250	2.2	46
74	Analytical Aspects in the Theory of Thermoelastic Bodies with Microstructure and Two Temperatures. <i>Journal of Thermal Stresses</i> , 2010 , 33, 674-693	2.2	4
73	Stokes' first problem for an electro-conducting micropolar fluid with thermoelectric properties. <i>Canadian Journal of Physics</i> , 2010 , 88, 35-48	1.1	34
72	On the coupled theory of thermo-piezoelectric/piezomagnetic materials with two temperatures. <i>Canadian Journal of Physics</i> , 2010 , 88, 307-315	1.1	11
71	Space approach to the hydro-magnetic flow of a dusty fluid through a porous medium. <i>Computers and Mathematics With Applications</i> , 2010 , 59, 2868-2879	2.7	27
70	Thermo-electric-visco-elastic material. <i>Journal of Applied Polymer Science</i> , 2010 , 117, 1934-1944	2.9	9
69	Three-dimensional thermal shock problem of generalized thermoelastic half-space. <i>Applied Mathematical Modelling</i> , 2010 , 34, 3608-3622	4.5	31
68	Effects of modified Ohm's and Fourier's laws on generalized magneto-viscoelastic thermoelasticity with relaxation volume properties. <i>International Journal of Engineering Science</i> , 2010 , 48, 460-472	5.7	15
67	Thermoelectric MHD non-Newtonian fluid with fractional derivative heat transfer. <i>Physica B: Condensed Matter</i> , 2010 , 405, 4188-4194	2.8	112
66	Electro-Magneto-Thermoelastic Plane Waves in Micropolar Solid Involving Two Temperatures. <i>Acta Mechanica Sinica</i> , 2010 , 23, 200-212	2	5
65	Generalized Magneto-Thermoelasticity with Modified Ohm's Law. <i>Mechanics of Advanced Materials and Structures</i> , 2009 , 17, 74-84	1.8	15
64	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
63	Micropolar generalized magneto-thermoelasticity with modified Ohm's and Fourier's laws. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 353, 99-113	1.1	16
62	Uniqueness and reciprocal theorems in linear micropolar electro-magnetic thermoelasticity with two relaxation times. <i>Mechanics of Time-Dependent Materials</i> , 2009 , 13, 93-115	1.2	24
61	State space approach of two-temperature magneto-thermoelasticity with thermal relaxation in a medium of perfect conductivity. <i>International Journal of Engineering Science</i> , 2009 , 47, 618-630	5.7	28
60	State Space Approach of Two-Temperature Magneto-Viscoelasticity Theory with Thermal Relaxation in a Medium of Perfect Conductivity. <i>Journal of Thermal Stresses</i> , 2009 , 32, 819-838	2.2	22
59	State space approach to one-dimensional magneto-thermoelasticity under the Green-Naghdi theories. <i>Canadian Journal of Physics</i> , 2009 , 87, 867-878	1.1	10

58	On three models of magneto-hydrodynamic free-convection flow. <i>Canadian Journal of Physics</i> , 2009 , 87, 1213-1226	1.1	4
57	Two-temperature theory in generalized magneto-thermo-viscoelasticity. <i>Canadian Journal of Physics</i> , 2009 , 87, 329-336	1.1	15
56	State space approach to solids and fluids. <i>Canadian Journal of Physics</i> , 2008 , 86, 1241-1250	1.1	47
55	The relaxation effects of the volume properties of electrically conducting viscoelastic material. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006 , 130, 11-23	3.1	49
54	Propagation of Discontinuities in Magneto-Thermoelastic Half-Space. <i>Journal of Thermal Stresses</i> , 2006 , 29, 331-358	2.2	19
53	Propagation of Discontinuities in Thermopiezoelectric Rod. <i>Journal of Thermal Stresses</i> , 2005 , 28, 997-1020		31
52	Generalized magneto-thermoelasticity in a perfectly conducting medium. <i>International Journal of Solids and Structures</i> , 2005 , 42, 6319-6334	3.1	62
51	Free convection flow of conducting micropolar fluid with thermal relaxation including heat sources. <i>Journal of Applied Mathematics</i> , 2004 , 2004, 271-292	1.1	5
50	Magnetohydrodynamic boundary layer flow past a stretching plate and heat transfer. <i>Journal of Applied Mathematics</i> , 2004 , 2004, 9-21	1.1	7
49	DISCONTINUITIES IN GENERALIZED THERMO-VISCOELASTICITY UNDER FOUR THEORIES. <i>Journal of Thermal Stresses</i> , 2004 , 27, 1187-1212	2.2	35
48	Boundary integral equation formulation for the generalized thermoviscoelasticity with two relaxation times. <i>Applied Mathematics and Computation</i> , 2004 , 151, 347-362	2.7	33
47	Generalized thermoelasticity with temperature dependent modulus of elasticity under three theories. <i>Journal of Applied Mathematics and Computing</i> , 2004 , 14, 193-212	1.8	18
46	Heat transfer with thermal relaxation to a perfectly conducting polar fluid. <i>Heat and Mass Transfer</i> , 2004 , 41, 189	2.2	1
45	The dependence of the modulus of elasticity on reference temperature in generalized thermoelasticity with thermal relaxation. <i>Applied Mathematics and Computation</i> , 2004 , 147, 169-189	2.7	46
44	Free convection effects on extracellular fluid in the presence of a transverse magnetic field. <i>Applied Mathematics and Computation</i> , 2004 , 151, 455-482	2.7	6
43	Thermal shock problem in generalized thermo-viscoelasticity under four theories. <i>International Journal of Engineering Science</i> , 2004 , 42, 649-671	5.7	54
42	Fundamental solution in generalized magneto-thermoelasticity with two relaxation times for perfect conductor cylindrical region. <i>International Journal of Engineering Science</i> , 2004 , 42, 1503-1519	5.7	53
41	Analytical aspects in boundary integral equation formulation for the generalized linear micropolar thermoelasticity. <i>International Journal of Mechanical Sciences</i> , 2004 , 46, 389-409	5.5	11

40	Analytical aspects in boundary integral equation formulation for the generalized linear micropolar thermoelasticity. <i>International Journal of Mechanical Sciences</i> , 2004 , 46, 389-389	5.5	
39	Magnetoelastoclasticity with two relaxation times in conducting medium with variable electrical and thermal conductivity. <i>Applied Mathematics and Computation</i> , 2003 , 142, 449-467	2.7	21
38	The relaxation effects of the volume properties of viscoelastic material in generalized thermoelasticity. <i>International Journal of Engineering Science</i> , 2003 , 41, 2281-2298	5.7	23
37	THE RELAXATION EFFECTS OF THE VOLUME PROPERTIES OF VISCOELASTIC MATERIAL IN GENERALIZED THERMOELASTICITY WITH THERMAL RELAXATION. <i>Journal of Thermal Stresses</i> , 2003 , 26, 671-690	2.2	6
36	On uniqueness and reciprocity theorems for generalized thermo-viscoelasticity with thermal relaxation. <i>Canadian Journal of Physics</i> , 2003 , 81, 823-833	1.1	60
35	State space approach to two-dimensional generalized thermo-viscoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , 2002 , 40, 1251-1274	5.7	55
34	Generalized thermo-viscoelastic plane waves with two relaxation times. <i>International Journal of Engineering Science</i> , 2002 , 40, 1329-1347	5.7	51
33	On the boundary integral formulation of thermo-viscoelasticity theory. <i>International Journal of Engineering Science</i> , 2002 , 40, 1943-1956	5.7	55
32	State space approach to generalized thermo-viscoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , 2002 , 40, 283-302	5.7	50
31	The uniqueness and reciprocity theorems for generalized thermo-viscoelasticity with two relaxation times. <i>International Journal of Engineering Science</i> , 2002 , 40, 1275-1284	5.7	60
30	STATE SPACE APPROACH TO TWO-DIMENSIONAL GENERALIZED THERMOVISCOELASTICITY WITH ONE RELAXATION TIME. <i>Journal of Thermal Stresses</i> , 2002 , 25, 295-316	2.2	18
29	MAGNETOTHERMOELASTICITY WITH THERMAL RELAXATION IN A CONDUCTING MEDIUM WITH VARIABLE ELECTRICAL AND THERMAL CONDUCTIVITY. <i>Journal of Thermal Stresses</i> , 2002 , 25, 859-875	2.2	10
28	State space formulation for boundary-layer magneto-hydrodynamic free convection flow with one relaxation time. <i>Canadian Journal of Physics</i> , 2002 , 80, 1157-1174	1.1	1
27	STATE-SPACE APPROACH TO GENERALIZED MAGNETOTHERMOELASTICITY WITH THERMAL RELAXATION IN A MEDIUM OF PERFECT CONDUCTIVITY. <i>Journal of Thermal Stresses</i> , 2002 , 25, 409-429	2.2	21
26	THE UNIQUENESS AND RECIPROCITY THEOREMS FOR GENERALIZED THERMOVISCOELASTICITY FOR ANISOTROPIC MEDIA. <i>Journal of Thermal Stresses</i> , 2002 , 25, 507-522	2.2	55
25	Electromagneto-hydrodynamic instability in a horizontal viscoelastic fluid layer with one relaxation time. <i>Acta Mechanica</i> , 2001 , 150, 1-9	2.1	18
24	Free convection effects on perfectly conducting fluid. <i>International Journal of Engineering Science</i> , 2001 , 39, 799-819	5.7	49
23	State space approach to two-dimensional electromagnetoelastoclastic problem with two relaxation times. <i>International Journal of Engineering Science</i> , 2001 , 39, 1383-1404	5.7	53

22	STATE-SPACE FORMULATION TO GENERALIZED THERMOVISCOELASTICITY WITH THERMAL RELAXATION. <i>Journal of Thermal Stresses</i> , 2001 , 24, 823-846	2.2	48
21	THE DEPENDENCE OF THE MODULUS OF ELASTICITY ON THE REFERENCE TEMPERATURE IN GENERALIZED THERMOELASTICITY. <i>Journal of Thermal Stresses</i> , 2001 , 24, 1159-1176	2.2	23
20	ELECTROMAGNETO-THERMOELASTIC PLANE WAVES WITH THERMAL RELAXATION IN A MEDIUM OF PERFECT CONDUCTIVITY. <i>Journal of Thermal Stresses</i> , 2001 , 24, 411-432	2.2	66
19	Electromagneto-thermoelastic plane waves with two relaxation times in a medium of perfect conductivity. <i>International Journal of Engineering Science</i> , 2000 , 38, 107-120	5.7	66
18	Thermal instability in a rotating micropolar fluid layer subject to an electric field. <i>International Journal of Engineering Science</i> , 2000 , 38, 1851-1867	5.7	8
17	A problem of a micropolar magnetohydrodynamic boundary-layer flow. <i>Canadian Journal of Physics</i> , 2000 , 77, 813-827	1.1	2
16	A problem in generalized magneto-thermoelasticity for an infinitely long annular cylinder. <i>Journal of Engineering Mathematics</i> , 1998 , 34, 387-402	1.2	46
15	GENERATION OF GENERALIZED MAGNETOTHERMOELASTIC WAVES BY THERMAL SHOCK IN A PERFECTLY CONDUCTING HALF-SPACE. <i>Journal of Thermal Stresses</i> , 1997 , 20, 617-633	2.2	52
14	State space approach to generalized magneto-thermoelasticity with two relaxation times in a medium of perfect conductivity. <i>International Journal of Engineering Science</i> , 1997 , 35, 741-752	5.7	49
13	State Space Approach to Viscoelastic Fluid Flow of Hydromagnetic Fluctuating Boundary-Layer through a Porous Medium. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 1997 , 77, 197-207	1	45
12	Free convection effects on a viscoelastic boundary layer flow with one relaxation time through a porous medium. <i>Journal of the Franklin Institute</i> , 1997 , 334, 685-706	4	52
11	A thermal-shock problem in magneto-thermoelasticity with thermal relaxation. <i>International Journal of Solids and Structures</i> , 1996 , 33, 4449-4459	3.1	58
10	Fundamental solution in thermoelasticity with two relaxation times for cylindrical regions. <i>International Journal of Engineering Science</i> , 1995 , 33, 2011-2020	5.7	49
9	Power-law fluid flow of a hydromagnetic free jet. <i>Journal of Computational and Applied Mathematics</i> , 1994 , 54, 37-43	2.4	3
8	State space approach to unsteady free convection flow through a porous medium. <i>Applied Mathematics and Computation</i> , 1994 , 64, 191-205	2.7	12
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6	State space approach to unsteady two-dimensional free convection flow through a porous medium. <i>Canadian Journal of Physics</i> , 1994 , 72, 311-317	1.1	50
5	A problem of a viscoelastic magnetohydrodynamic fluctuating-boundary-layer flow past an infinite porous plate. <i>Canadian Journal of Physics</i> , 1993 , 71, 97-105	1.1	14

4	Thermomechanical interactions in viscoelastic skin tissue under different theories. <i>Indian Journal of Physics</i> ,1	1.4	1
3	Analytical study of two-dimensional thermo-mechanical responses of viscoelastic skin tissue with temperature-dependent thermal conductivity and rheological properties. <i>Mechanics Based Design of Structures and Machines</i> ,1-18	1.7	4
2	On size-dependent thermo-viscoelasticity theory for piezoelectric materials. <i>Waves in Random and Complex Media</i> ,1-23	1.9	0
1	Thermo-mechanical memory responses in a thick tumorous skin tissue during hyperthermia treatment. <i>Waves in Random and Complex Media</i> ,1-25	1.9	