

Marin I Marin

List of Publications by Citations

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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.

178 papers	3,241 citations	38 h-index	53 g-index
206 ext. papers	4,219 ext. citations	2.1 avg, IF	6.62 L-index

#	Paper	IF	Citations
178	Convective heat transfer flow of nanofluid in a porous medium over wavy surface. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 2749-2753	2.3	152
177	EXPLORATION OF CONVECTIVE HEAT TRANSFER AND FLOW CHARACTERISTICS SYNTHESIS BY CuAg/WATER HYBRID-NANOFLUIDS. <i>Heat Transfer Research</i> , 2018 , 49, 1837-1848	3.9	120
176	Numerical study of heat transfer and Hall current impact on peristaltic propulsion of particle-fluid suspension with compliant wall properties. <i>Modern Physics Letters B</i> , 2019 , 33, 1950439	1.6	113
175	Swimming of Motile Gyrotactic Microorganisms and Nanoparticles in Blood Flow Through Anisotropically Tapered Arteries. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	95
174	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
173	The effect of a dipolar structure on the Hölder stability in Green-Naghdi thermoelasticity. <i>Continuum Mechanics and Thermodynamics</i> , 2017 , 29, 1365-1374	3.5	87
172	Analytical solution of thermoelastic interaction in a half-space by pulsed laser heating. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017 , 87, 254-260	3	87
171	STUDY OF HEAT AND MASS TRANSFER IN THE EYRING-POWELL MODEL OF FLUID PROPAGATING PERISTALTICALLY THROUGH A RECTANGULAR COMPLIANT CHANNEL. <i>Heat Transfer Research</i> , 2019 , 50, 1539-1560	3.9	84
170	Motion equation for a flexible one-dimensional element used in the dynamical analysis of a multibody system. <i>Continuum Mechanics and Thermodynamics</i> , 2019 , 31, 715-724	3.5	82
169	On the Partition of Energies for the Backward in Time Problem of Thermoelastic Materials with a Dipolar Structure. <i>Symmetry</i> , 2019 , 11, 863	2.7	80
168	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
167	On solutions of Saint-Venant's problem for elastic dipolar bodies with voids. <i>Carpathian Journal of Mathematics</i> , 2017 , 33, 219-232	1.3	79
166	A GL Model on Thermo-Elastic Interaction in a Poroelastic Material Using Finite Element Method. <i>Symmetry</i> , 2020 , 12, 488	2.7	77
165	Entropy Analysis on the Blood Flow through Anisotropically Tapered Arteries Filled with Magnetic Zinc-Oxide (ZnO) Nanoparticles. <i>Entropy</i> , 2020 , 22,	2.8	72
164	Existence and stability results for thermoelastic dipolar bodies with double porosity. <i>Continuum Mechanics and Thermodynamics</i> , 2016 , 28, 1645-1657	3.5	68
163	An approach of a heat-flux dependent theory for micropolar porous media. <i>Meccanica</i> , 2016 , 51, 1127-1133	3.8	65
162	Cesaro means in thermoelasticity of dipolar bodies. <i>Acta Mechanica</i> , 1997 , 122, 155-168	2.1	63

161	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
160	Analytical Solutions of a Two-Dimensional Generalized Thermoelastic Diffusions Problem Due to Laser Pulse. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2018 , 42, 57-71	1.2	60
159	Uniqueness results for a boundary value problem in dipolar thermoelasticity to model composite materials. <i>Composites Part B: Engineering</i> , 2017 , 126, 27-37	10	56
158	Effect of microtemperatures for micropolar thermoelastic bodies. <i>Structural Engineering and Mechanics</i> , 2017 , 61, 381-387		55
157	EFFECTS OF CHEMICAL REACTION ON THIRD-GRADE MHD FLUID FLOW UNDER THE INFLUENCE OF HEAT AND MASS TRANSFER WITH VARIABLE REACTIVE INDEX. <i>Heat Transfer Research</i> , 2019 , 50, 1061-1080	3.9	54
156	Some basic theorems in elastostatics of micropolar materials with voids. <i>Journal of Computational and Applied Mathematics</i> , 1996 , 70, 115-126	2.4	52
155	Harmonic Vibrations in Thermoelasticity of Microstretch Materials. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2010 , 132,	1.6	51
154	Considerations on double porosity structure for micropolar bodies. <i>AIP Advances</i> , 2015 , 5, 037113	1.5	49
153	Weak Solutions in Elasticity of Dipolar Porous Materials. <i>Mathematical Problems in Engineering</i> , 2008 , 2008, 1-8	1.1	46
152	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
151	A domain of influence theorem for microstretch elastic materials. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 3446-3452	2.1	44
150	On weak solutions in elasticity of dipolar bodies with voids. <i>Journal of Computational and Applied Mathematics</i> , 1997 , 82, 291-297	2.4	44
149	Improved rigidity of composite circular plates through radial ribs. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019 , 233, 1585-1593	1.3	43
148	Some Estimates on Vibrations in Thermoelasticity of Dipolar Bodies. <i>JVC/Journal of Vibration and Control</i> , 2010 , 16, 33-47	2	42
147	Lagrange identity method for microstretch thermoelastic materials. <i>Journal of Mathematical Analysis and Applications</i> , 2010 , 363, 275-286	1.1	42
146	On vibrations in thermoelasticity without energy dissipation for micropolar bodies. <i>Boundary Value Problems</i> , 2016 , 2016,	2.1	41
145	Thermoelasticity of initially stressed bodies, asymptotic equipartition of energies. <i>International Journal of Engineering Science</i> , 1998 , 36, 73-86	5.7	41
144	A partition of energy in thermoelasticity of microstretch bodies. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 2436-2447	2.1	40

- 143 An Extension of the Domain of Influence Theorem for Generalized Thermoelasticity of Anisotropic Material with Voids. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 1594-1598 0.3 38
- 142 An evolutionary equation in thermoelasticity of dipolar bodies. *Journal of Mathematical Physics*, **1999**, 40, 1391-1399 1.2 38
- 141 The Lagrange identity method in thermoelasticity of bodies with microstructure. *International Journal of Engineering Science*, **1994**, 32, 1229-1240 5.7 38
- 140 Modeling a Microstretch Thermoelastic Body with Two Temperatures. *Abstract and Applied Analysis*, **2013**, 2013, 1-7 0.7 35
- 139 On Harmonic Vibrations in Thermoelasticity of Micropolar Bodies. *JVC/Journal of Vibration and Control*, **1998**, 4, 507-518 2 35
- 138 Weak solutions in Elasticity of dipolar bodies with stretch. *Carpathian Journal of Mathematics*, **2013**, 29, 33-40 1.3 33
- 137 On the minimum principle for dipolar materials with stretch. *Nonlinear Analysis: Real World Applications*, **2009**, 10, 1572-1578 2.1 32
- 136 The Response of Nanobeams with Temperature-Dependent Properties Using State-Space Method via Modified Couple Stress Theory. *Symmetry*, **2020**, 12, 1276 2.7 29
- 135 Nonsimple material problems addressed by the Lagrange identity. *Boundary Value Problems*, **2013**, 2013, 2.1 28
- 134 The Effect of Fractional Time Derivative of Bioheat Model in Skin Tissue Induced to Laser Irradiation. *Symmetry*, **2020**, 12, 602 2.7 27
- 133 New analytical method based on dynamic response of planar mechanical elastic systems. *Boundary Value Problems*, **2020**, 2020, 2.1 27
- 132 The Size-Dependent Thermoelastic Vibrations of Nanobeams Subjected to Harmonic Excitation and Rectified Sine Wave Heating. *Mathematics*, **2020**, 8, 1128 2.3 25
- 131 On the decay of exponential type for the solutions in a dipolar elastic body. *Journal of Taibah University for Science*, **2020**, 14, 534-540 3 24
- 130 Numerical and Computer Simulations of Cross-Flow in the Streamwise Direction through a Moving Surface Comprising the Significant Impacts of Viscous Dissipation and Magnetic Fields: Stability Analysis and Dual Solutions. *Mathematical Problems in Engineering*, **2020**, 2020, 1-11 1.1 24
- 129 Reflection and transmission of waves from imperfect boundary between two heat conducting micropolar thermoelastic solids. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2014**, 22, 151-176 0.4 21
- 128 On Temporal Behaviour of Solutions in Thermoelasticity of Porous Micropolar Bodies. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2014**, 22, 169-188 0.4 19
- 127 An Eigenvalues Approach for a Two-Dimensional Porous Medium Based Upon Weak, Normal and Strong Thermal Conductivities. *Symmetry*, **2020**, 12, 848 2.7 17
- 126 Coupled transverse and torsional vibrations in a mechanical system with two identical beams. *AIP Advances*, **2017**, 7, 065301 1.5 17

125	Hybrid nanofluid flow towards an elastic surface with tantalum and nickel nanoparticles, under the influence of an induced magnetic field. <i>European Physical Journal: Special Topics</i> , 2021 , 1	2.3	16
124	Some Results in Green-Lindsay Thermoelasticity of Bodies with Dipolar Structure. <i>Mathematics</i> , 2020 , 8, 497	2.3	15
123	The theory of generalized thermoelasticity with fractional order strain for dipolar materials with double porosity. <i>Journal of Materials Science</i> , 2018 , 53, 3470-3482	4.3	14
122	Generalized Thermoelastic Functionally Graded on a Thin Slim Strip Non-Gaussian Laser Beam. <i>Symmetry</i> , 2020 , 12, 1094	2.7	10
121	Energy of Accelerations Used to Obtain the Motion Equations of a Three- Dimensional Finite Element. <i>Symmetry</i> , 2020 , 12, 321	2.7	10
120	Complements of Higher Mathematics 2018 ,		10
119	New Theorems for Oscillations to Differential Equations with Mixed Delays. <i>Symmetry</i> , 2021 , 13, 367	2.7	10
118	Vibration Analysis of a Guitar considered as a Symmetrical Mechanical System. <i>Symmetry</i> , 2019 , 11, 727	2.7	9
117	A generalization of the Gurtin's variational principle in thermoelasticity without energy dissipation of dipolar bodies. <i>Continuum Mechanics and Thermodynamics</i> , 2020 , 32, 1685-1694	3.5	9
116	Considerations of the transverse vibration of a mechanical system with two identical bars. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019 , 233, 1318-1323	1.3	9
115	A generalization of the Saint-Venant's principle for an elastic body with dipolar structure. <i>Continuum Mechanics and Thermodynamics</i> , 2020 , 32, 269-278	3.5	8
114	A mathematical model for three-phase-lag dipolar thermoelastic bodies. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 109	2.1	7
113	Kane's Method-Based Simulation and Modeling Robots with Elastic Elements, Using Finite Element Method. <i>Mathematics</i> , 2020 , 8, 805	2.3	7
112	An initial boundary value problem for modeling a piezoelectric dipolar body. <i>Continuum Mechanics and Thermodynamics</i> , 2018 , 30, 267-278	3.5	7
111	Some results in Moore-Gibson-Thompson thermoelasticity of dipolar bodies. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2020 , 100, e202000090	1	7
110	Photo-thermal interactions in a semi-conductor material with cylindrical cavities and variable thermal conductivity. <i>Journal of Taibah University for Science</i> , 2020 , 14, 1369-1376	3	7
109	An Oscillation Criterion of Nonlinear Differential Equations with Advanced Term. <i>Symmetry</i> , 2021 , 13, 843	2.7	7
108	On structural stability for an elastic body with voids having dipolar structure. <i>Continuum Mechanics and Thermodynamics</i> , 2020 , 32, 147-160	3.5	7

107	On a thermoelastic material having a dipolar structure and microtemperatures. <i>Applied Mathematical Modelling</i> , 2020 , 80, 827-839	4.5	6
106	Hydromagnetic transport of iron nanoparticle aggregates suspended in water. <i>Indian Journal of Physics</i> , 2019 , 93, 53-59	1.4	5
105	Essentials of Partial Differential Equations 2019 ,		5
104	Effect of the initial stress and rotation on free vibrations in transversely isotropic human long dry bone. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2015 , 23, 171-184	0.4	5
103	Head-on collision between capillary-gravity solitary waves. <i>Boundary Value Problems</i> , 2020 , 2020,	2.1	5
102	A semigroup of contractions in elasticity of porous bodies. <i>Continuum Mechanics and Thermodynamics</i> , 2021 , 33, 2027-2037	3.5	5
101	About finite energy solutions in thermoelasticity of micropolar bodies with voids. <i>Boundary Value Problems</i> , 2019 , 2019,	2.1	4
100	On adaptive thermo-electro-elasticity within a Green-Naghdi type II or III theory. <i>Continuum Mechanics and Thermodynamics</i> , 2019 , 31, 1453-1475	3.5	4
99	An extension of Dafermos's results for bodies with a dipolar structure. <i>Applied Mathematics and Computation</i> , 2019 , 361, 680-688	2.7	4
98	Control of the hydrogen:deuterium isotope mixture using pellets in JET. <i>Nuclear Fusion</i> , 2019 , 59, 106043	3.3	4
97	On the Nonlinear Theory of Micropolar Bodies with Voids. <i>Journal of Applied Mathematics</i> , 2007 , 2007, 1-11	1.1	4
96	Relaxed Saint-Venant principle for thermoelastic micropolar diffusion. <i>Structural Engineering and Mechanics</i> , 2014 , 51, 651-662		4
95	A uniqueness result for final boundary value problem of microstretch bodies. <i>Journal of Nonlinear Science and Applications</i> , 2017 , 10, 1908-1918	1.9	4
94	Micropolar Thermoelasticity with Voids Using Fractional Order Strain. <i>Studies in Systems, Decision and Control</i> , 2019 , 133-147	0.8	4
93	Modeling Fractional Order Strain in Dipolar Thermoelasticity. <i>IFAC-PapersOnLine</i> , 2018 , 51, 601-606	0.7	4
92	A Variational Approach for the Mixed Problem in the Elastostatics of Bodies with Dipolar Structure. <i>Mediterranean Journal of Mathematics</i> , 2018 , 15, 1	0.9	4
91	Rheological Modeling of Metallic Oxide Nanoparticles Containing Non-Newtonian Nanofluids and Potential Investigation of Heat and Mass Flow Characteristics.. <i>Nanomaterials</i> , 2022 , 12,	5.4	4
90	Thermoelasticity of Initially Stressed Bodies with Voids: A Domain of Influence. <i>Symmetry</i> , 2019 , 11, 573	2.7	3

89	Maggi Equations Used in the Finite Element Analysis of the Multibody Systems with Elastic Elements. <i>Mathematics</i> , 2020 , 8, 399	2.3	3
88	Study on the Mechanical Responses of Plastic Pipes Made of High Density Polyethylene (HDPE) in Water Supply Network. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1658	2.6	3
87	Propagation of waves in micropolar thermodiffusion elastic half-space. <i>Afrika Matematika</i> , 2018 , 29, 451-462	0.7	3
86	SV-waves incidence at interface between solid-liquid media under magnetic field, initial stress and two thermal relaxation times. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 3426-3438	2	3
85	Effect of intrinsic rotations, microstructural expansion and contractions in initial boundary value problem of thermoelastic bodies. <i>Boundary Value Problems</i> , 2014 , 2014,	2.1	3
84	A Green and Naghdi Model in a Two-Dimensional Thermoelastic Diffusion Problem for a Half Space. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 280-286	0.3	3
83	On Free Vibrations of Elastodynamic Problem in Rotating Non-Homogeneous Orthotropic Hollow Sphere. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	3
82	Thermo-Optical Mechanical Waves in a Rotating Solid Semiconductor Sphere Using the Improved Green-Naghdi III Model. <i>Mathematics</i> , 2021 , 9, 2902	2.3	3
81	A Study of Deformations in a Thermoelastic Dipolar Body with Voids. <i>Symmetry</i> , 2020 , 12, 267	2.7	3
80	A polynomial way to control the decay of solutions for dipolar bodies. <i>Continuum Mechanics and Thermodynamics</i> , 2019 , 31, 331-340	3.5	3
79	Finite element analysis of an elbow tube in concrete anchor used in water supply networks. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2020 , 234, 3-11	1.3	3
78	The Effects of Fractional Time Derivatives in Porothermoelastic Materials Using Finite Element Method. <i>Mathematics</i> , 2021 , 9, 1606	2.3	3
77	Statistical Inference of Jointly Type-II Lifetime Samples under Weibull Competing Risks Models. <i>Symmetry</i> , 2022 , 14, 701	2.7	3
76	Proving uniqueness for the solution of the problem of homogeneous and anisotropic micropolar thermoelasticity. <i>Boundary Value Problems</i> , 2017 , 2017,	2.1	2
75	A study on the thermoelasticity of three-phase-lag dipolar materials with voids. <i>Boundary Value Problems</i> , 2019 , 2019,	2.1	2
74	Analytical-Numerical Solution of Thermoelastic Interactions in a Semi-Infinite Medium with One Relaxation Time. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 287-291	0.3	2
73	The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium. <i>JVC/Journal of Vibration and Control</i> , 2015 , 21, 3281-3291	2	2
72	Propagation of a straight crack in dipolar elastic bodies. <i>Continuum Mechanics and Thermodynamics</i> , 2018 , 30, 775-782	3.5	2

71	Anti-plane crack in human bone. I. Mathematical modelling. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2018 , 26, 81-90	0.4	2
70	Well-posed dual-phase-lag model of a thermoelastic dipolar body. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2017 , 97, 1645-1658	1	2
69	On continuous dependence for the mixed problem of microstretch bodies. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2017 , 25, 131-143	0.4	2
68	Axisymmetric Distributions of Thick Circular Plate in a Modified Couple Stress Theory. <i>Journal of Molecular and Engineering Materials</i> , 2015 , 03, 1550004	1.3	2
67	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
66	On vibrations in Green-Naghdi thermoelasticity of dipolar bodies. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2019 , 27, 125-140	0.4	2
65	New Analytical Model Used in Finite Element Analysis of Solids Mechanics. <i>Mathematics</i> , 2020 , 8, 1401	2.3	2
64	Vibration Properties of a Concrete Structure with Symmetries Used in Civil Engineering. <i>Symmetry</i> , 2021 , 13, 656	2.7	2
63	Finite Element Analysis of Nonlinear Bioheat Model in Skin Tissue Due to External Thermal Sources. <i>Mathematics</i> , 2021 , 9, 1459	2.3	2
62	Study of Metallic Housing of the Adder Gearbox to Reduce the Noise and to Improve the Design Solution. <i>Metals</i> , 2021 , 11, 912	2.3	2
61	A reciprocal relation with application in the study of the dislocations. <i>Mechanics of Advanced Materials and Structures</i> , 1-6	1.8	2
60	Some Results in the Theory of a Cosserat Thermoelastic Body with Microtemperatures and Inner Structure. <i>Symmetry</i> , 2022 , 14, 511	2.7	2
59	Evaluation of Magnetohydrodynamics of Natural Convective Heat Flow over Circular Cylinder Saturated by Nanofluid with Thermal Radiation and Heat Generation Effects. <i>Mathematics</i> , 2022 , 10, 1858	2.3	2
58	Bending Tests Used to Determine the Mechanical Properties of the Components of a Composite Sandwich Used in Civil Engineering. <i>Procedia Manufacturing</i> , 2019 , 32, 259-267	1.5	1
57	On the possibility of locating in time of solutions for thermoelastic porous dipolar bodies. <i>Acta Mechanica</i> , 2015 , 226, 2053-2063	2.1	1
56	Liaison Forces Eliminating and Assembling of the Motion Equation in the Study of Multibody System with Elastic Elements. <i>Procedia Manufacturing</i> , 2020 , 46, 78-86	1.5	1
55	A Result regarding the Seismic Dislocations in Microstretch Thermoelastic Bodies. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-8	1.1	1
54	Finite energy solutions in thermoelasticity of porous materials. <i>JVC/Journal of Vibration and Control</i> , 2014 , 20, 1656-1662	2	1

53	Finite Element Method-Based Elastic Analysis of Multibody Systems: A Review. <i>Mathematics</i> , 2022 , 10, 257	2.3	1
52	Effects of Energy Dissipation and Deformation Function on the Entanglement, Photon Statistics and Quantum Fisher Information of Three-Level Atom in Photon-Added Coherent States for Morse Potential. <i>Symmetry</i> , 2021 , 13, 2188	2.7	1
51	Adder Box Used in the Heavy Trucks Transmission Noise Reduction. <i>Symmetry</i> , 2021 , 13, 2165	2.7	1
50	Response of a semiconducting medium under photothermal theory due to moving load velocity. <i>Waves in Random and Complex Media</i> , 2020 , 1-10	1.9	1
49	New analytical formalisms used in finite element analysis of robots with elastic elements. <i>Journal of Taibah University for Science</i> , 2020 , 14, 1335-1341	3	1
48	Study of structures made of composite materials used in automotive industry. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2021 , 235, 2574-2587	1.3	1
47	Diffusion in Microstretch Thermoelasticity with Microtemperatures and Microconcentrations. <i>Studies in Systems, Decision and Control</i> , 2019 , 149-164	0.8	1
46	Some estimates on solutions of mixed problems for mixtures. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 1776-1782	1.8	1
45	On the boundary value problem in the nonlinear theory of dipolar elastic materials. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 1619-1625	1.8	1
44	Behavior of energies in strain gradient thermoelasticity of bodies with microtemperatures. <i>Continuum Mechanics and Thermodynamics</i> , 2021 , 33, 877-891	3.5	1
43	Vibration Response of a Concrete Structure with Repetitive Parts Used in Civil Engineering. <i>Mathematics</i> , 2021 , 9, 490	2.3	1
42	On a generalized relaxed Saint-Venant principle. <i>Boundary Value Problems</i> , 2018 , 2018,	2.1	1
41	A dipolar structure in the heat-flux dependent thermoelasticity. <i>AIP Advances</i> , 2018 , 8, 035220	1.5	1
40	The Influence of Voids in the Vibrations of Bodies with Dipolar Structure. <i>Symmetry</i> , 2021 , 13, 1804	2.7	1
39	New Command Mechanism of Flaps and Wings of a Light Sport Aircraft. <i>Symmetry</i> , 2021 , 13, 221	2.7	1
38	An extension of the Hamilton variational principle for piezoelectric bodies with dipolar structure. <i>Mechanics of Advanced Materials and Structures</i> , 1-5	1.8	1
37	Thermoelastic Plane Waves in Materials with a Microstructure Based on Micropolar Thermoelasticity with Two Temperature and Higher Order Time Derivatives. <i>Mathematics</i> , 2022 , 10, 1552	2.3	1
36	Analysis of Thermoelastic Interaction in a Polymeric Orthotropic Medium Using the Finite Element Method. <i>Polymers</i> , 2022 , 14, 2112	4.5	1

35	Effect of internal state variables in thermoelasticity of microstretch bodies. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2016 , 24, 241-257	0.4	o
34	The Influences of the Hyperbolic Two-Temperatures Theory on Waves Propagation in a Semiconductor Material Containing Spherical Cavity. <i>Mathematics</i> , 2022 , 10, 121	2.3	o
33	Predication and Photon Statistics of a Three-Level System in the Photon Added Negative Binomial Distribution. <i>Symmetry</i> , 2022 , 14, 284	2.7	o
32	Use of the Symmetries in the Study of Vibration Response of a Hollow Cylinder. <i>Symmetry</i> , 2021 , 13, 2145	2.7	o
31	Effect of Voids and Internal State Variables in Elasticity of Porous Bodies with Dipolar Structure. <i>Mathematics</i> , 2021 , 9, 2741	2.3	o
30	Well-posedness for thermo-electro-viscoelasticity of Green-Naghdi type. <i>Continuum Mechanics and Thermodynamics</i> , 1	3.5	o
29	On Some Non-existence Results in a Semilinear Theory of the Dipolar Thermoelastic Bodies. <i>Applied Mathematics and Optimization</i> , 2021 , 84, 1959-1969	1.5	o
28	Gibbs-Appell method-based governing equations for one-dimensional finite elements used in flexible multibody systems. <i>Continuum Mechanics and Thermodynamics</i> , 2021 , 33, 357-368	3.5	o
27	Analytical Solutions of Nonlocal Thermoelastic Interaction on Semi-Infinite Mediums Induced by Ramp-Type Heating. <i>Symmetry</i> , 2022 , 14, 864	2.7	o
26	Evolution of solutions for dipolar bodies in Thermoelasticity without energy dissipation. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2016 , 24, 57-82	0.4	
25	On stability in the thermoelastostatics of dipolar bodies. <i>Acta Mechanica</i> , 2018 , 229, 4267-4277	2.1	
24	. <i>Journal of Mechanics of Materials and Structures</i> , 2015 , 10, 497-518	1.2	
23	SOME BASIC RESULTS IN NONLINEAR THEORY OF DIPOLAR POROUS MATERIALS. <i>Journal of Porous Media</i> , 2013 , 16, 1035-1042	2.9	
22	Aspects of uniqueness in thermoelasticity of micropolar bodies. <i>Mechanics Research Communications</i> , 1997 , 24, 561-568	2.2	
21	Aspects of uniqueness in thermoelasticity of micropolar bodies with internal state variables. <i>International Journal of Engineering Science</i> , 1996 , 34, 1211-1220	5.7	
20	ON UNIQUENESS IN ELASTODYNAMICS OF DIPOLAR MATERIALS WITH VOIDS. <i>Journal of Thermal Stresses</i> , 1996 , 19, 431-444	2.2	
19	A final boundary problem for modeling a thermoelastic Cosserat body. <i>Continuum Mechanics and Thermodynamics</i> , 2022 , 34, 627	3.5	
18	An approach with Lagrange identity of the mixed problem in theory of strain gradient thermoelasticity. <i>ITM Web of Conferences</i> , 2020 , 34, 01004	0.1	

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| 17 | Spatial behaviour of thermoelasticity with microtemperatures and microconcentrations. <i>ITM Web of Conferences</i> , 2020 , 34, 02001 | 0.1 |
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