Marin I Marin

List of Publications by Year in Descending Order

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	The Influences of the Hyperbolic Two-Temperatures Theory on Waves Propagation in a Semiconductor Material Containing Spherical Cavity. *Mathematics*, **2022**, 10, 121	2.3	0
177	Finite Element Method-Based Elastic Analysis of Multibody Systems: A Review. *Mathematics*, **2022**, 10, 257	2.3	1
176	Predication and Photon Statistics of a Three-Level System in the Photon Added Negative Binomial Distribution. *Symmetry*, **2022**, 14, 284	2.7	0
175	A final boundary problem for modeling a thermoelastic Cosserat body. *Continuum Mechanics and Thermodynamics*, **2022**, 34, 627	3.5	
174	Statistical Inference of Jointly Type-II Lifetime Samples under Weibull Competing Risks Models. *Symmetry*, **2022**, 14, 701	2.7	3
173	Modelling the Valvetrain of the Car Engine to Study the Effects of Valve Rotation. *Applied Sciences (Switzerland)*, **2022**, 12, 3393	2.6	
172	Some Results in the Theory of a Cosserat Thermoelastic Body with Microtemperatures and Inner Structure. *Symmetry*, **2022**, 14, 511	2.7	2
171	Rheological Modeling of Metallic Oxide Nanoparticles Containing Non-Newtonian Nanofluids and Potential Investigation of Heat and Mass Flow Characteristics.. *Nanomaterials*, **2022**, 12,	5.4	4
170	Elastic response of a hollow cylinder with voids and micropolar structure. *Continuum Mechanics and Thermodynamics*, **2022**, 34, 855	3.5	
169	Analytical Solutions of Nonlocal Thermoelastic Interaction on Semi-Infinite Mediums Induced by Ramp-Type Heating. *Symmetry*, **2022**, 14, 864	2.7	0
168	Thermoelastic Plane Waves in Materials with a Microstructure Based on Micropolar Thermoelasticity with Two Temperature and Higher Order Time Derivatives. *Mathematics*, **2022**, 10, 1552	2.3	1
167	Analysis of Thermoelastic Interaction in a Polymeric Orthotropic Medium Using the Finite Element Method. *Polymers*, **2022**, 14, 2112	4.5	1
166	Evaluation of Magnetohydrodynamics of Natural Convective Heat Flow over Circular Cylinder Saturated by Nanofluid with Thermal Radiation and Heat Generation Effects. *Mathematics*, **2022**, 10, 1858	2.3	2
165	Hybrid nanofluid flow towards an elastic surface with tantalum and nickel nanoparticles, under the influence of an induced magnetic field. *European Physical Journal: Special Topics*, **2021**, 1	2.3	16
164	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. *Symmetry*, **2021**, 13, 2188	2.7	1
163	Thermo-Optical Mechanical Waves in a Rotating Solid Semiconductor Sphere Using the Improved Green Naghdi III Model. *Mathematics*, **2021**, 9, 2902	2.3	3
162	Adder Box Used in the Heavy Trucks Transmission Noise Reduction. *Symmetry*, **2021**, 13, 2165	2.7	1

161	Use of the Symmetries in the Study of Vibration Response of a Hollow Cylinder. *Symmetry*, **2021**, 13, 2145	2.7	0
160	Effect of Voids and Internal State Variables in Elasticity of Porous Bodies with Dipolar Structure. *Mathematics*, **2021**, 9, 2741	2.3	0
159	Qualitative results in thermoelasticity of type III for dipolar bodies. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2021**, 29, 127-142	0.4	
158	A semigroup of contractions in elasticity of porous bodies. *Continuum Mechanics and Thermodynamics*, **2021**, 33, 2027-2037	3.5	5
157	Vibration Properties of a Concrete Structure with Symmetries Used in Civil Engineering. *Symmetry*, **2021**, 13, 656	2.7	2
156	An Oscillation Criterion of Nonlinear Differential Equations with Advanced Term. *Symmetry*, **2021**, 13, 843	2.7	7
155	Study of structures made of composite materials used in automotive industry. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, **2021**, 235, 2574-2587	1.3	1
154	Finite Element Analysis of Nonlinear Bioheat Model in Skin Tissue Due to External Thermal Sources. *Mathematics*, **2021**, 9, 1459	2.3	2
153	Study of Metallic Housing of the Adder Gearbox to Reduce the Noise and to Improve the Design Solution. *Metals*, **2021**, 11, 912	2.3	2
152	On Some Non-existence Results in a Semilinear Theory of the Dipolar Thermoelastic Bodies. *Applied Mathematics and Optimization*, **2021**, 84, 1959-1969	1.5	0
151	Wave propagation in diffusive microstretch thermoelasticity. *Mathematics and Computers in Simulation*, **2021**, 189, 99-113	3.3	
150	Behavior of energies in strain gradient thermoelasticity of bodies with microtemperatures. *Continuum Mechanics and Thermodynamics*, **2021**, 33, 877-891	3.5	1
149	GibbsAppell method-based governing equations for one-dimensional finite elements used in flexible multibody systems. *Continuum Mechanics and Thermodynamics*, **2021**, 33, 357-368	3.5	0
148	Numerical Algorithms in Mechanics of Generalized Continua. *Studies in Fuzziness and Soft Computing*, **2021**, 177-188	0.7	
147	An Algorithmic Perspective on the Thermoelasticity of the Micromorphic Materials Using Fractional Order Strain. *Studies in Fuzziness and Soft Computing*, **2021**, 161-176	0.7	
146	Vibration Response of a Concrete Structure with Repetitive Parts Used in Civil Engineering. *Mathematics*, **2021**, 9, 490	2.3	1
145	New Theorems for Oscillations to Differential Equations with Mixed Delays. *Symmetry*, **2021**, 13, 367	2.7	10
144	The Effects of Fractional Time Derivatives in Porothermoelastic Materials Using Finite Element Method. *Mathematics*, **2021**, 9, 1606	2.3	3

143	Recent Advances in Multiphase Flows in Engineering. *Mathematical Problems in Engineering*, **2021**, 2021, 1-3	1.1	
142	The Influence of Voids in the Vibrations of Bodies with Dipolar Structure. *Symmetry*, **2021**, 13, 1804	2.7	1
141	New Command Mechanism of Flaps and Wings of a Light Sport Aircraft. *Symmetry*, **2021**, 13, 221	2.7	1
140	Entropy Analysis on the Blood Flow through Anisotropically Tapered Arteries Filled with Magnetic Zinc-Oxide (ZnO) Nanoparticles. *Entropy*, **2020**, 22,	2.8	72
139	Some Results in Green–Lindsay Thermoelasticity of Bodies with Dipolar Structure. *Mathematics*, **2020**, 8, 497	2.3	15
138	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
137	Kane's Method-Based Simulation and Modeling Robots with Elastic Elements, Using Finite Element Method. *Mathematics*, **2020**, 8, 805	2.3	7
136	An Eigenvalues Approach for a Two-Dimensional Porous Medium Based Upon Weak, Normal and Strong Thermal Conductivities. *Symmetry*, **2020**, 12, 848	2.7	17
135	A generalization of the Gurtin's variational principle in thermoelasticity without energy dissipation of dipolar bodies. *Continuum Mechanics and Thermodynamics*, **2020**, 32, 1685-1694	3.5	9
134	Maggi's Equations Used in the Finite Element Analysis of the Multibody Systems with Elastic Elements. *Mathematics*, **2020**, 8, 399	2.3	3
133	Study on the Mechanical Responses of Plastic Pipes Made of High Density Polyethylene (HDPE) in Water Supply Network. *Applied Sciences (Switzerland)*, **2020**, 10, 1658	2.6	3
132	Liaison Forces Eliminating and Assembling of the Motion Equation in the Study of Multibody System with Elastic Elements. *Procedia Manufacturing*, **2020**, 46, 78-86	1.5	1
131	Generalized Thermoelastic Functionally Graded on a Thin Slim Strip Non-Gaussian Laser Beam. *Symmetry*, **2020**, 12, 1094	2.7	10
130	Energy of Accelerations Used to Obtain the Motion Equations of a Three- Dimensional Finite Element. *Symmetry*, **2020**, 12, 321	2.7	10
129	The Effect of Fractional Time Derivative of Bioheat Model in Skin Tissue Induced to Laser Irradiation. *Symmetry*, **2020**, 12, 602	2.7	27
128	A GL Model on Thermo-Elastic Interaction in a Poroelastic Material Using Finite Element Method. *Symmetry*, **2020**, 12, 488	2.7	77
127	Head-on collision between capillary–gravity solitary waves. *Boundary Value Problems*, **2020**, 2020,	2.1	5
126	New analytical method based on dynamic response of planar mechanical elastic systems. *Boundary Value Problems*, **2020**, 2020,	2.1	27

125	An approach with Lagrange identity of the mixed problem in theory of strain gradient thermoelasticity. *ITM Web of Conferences*, **2020**, 34, 01004	0.1	
124	Spatial behaviour of thermoelasticity with microtemperatures and microconcentrations. *ITM Web of Conferences*, **2020**, 34, 02001	0.1	
123	A Study of Deformations in a Thermoelastic Dipolar Body with Voids. *Symmetry*, **2020**, 12, 267	2.7	3
122	An extension of Gronwall inequality in the theory of bodies with voids. *Open Physics*, **2020**, 18, 1161-1167	1.3	
121	On a thermoelastic material having a dipolar structure and microtemperatures. *Applied Mathematical Modelling*, **2020**, 80, 827-839	4.5	6
120	Response of a semiconducting medium under photothermal theory due to moving load velocity. *Waves in Random and Complex Media*, **2020**, 1-10	1.9	1
119	Some results in Moore-Gibson-Thompson thermoelasticity of dipolar bodies. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2020**, 100, e202000090	1	7
118	The Size-Dependent Thermoelastic Vibrations of Nanobeams Subjected to Harmonic Excitation and Rectified Sine Wave Heating. *Mathematics*, **2020**, 8, 1128	2.3	25
117	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
116	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
115	The Response of Nanobeams with Temperature-Dependent Properties Using State-Space Method via Modified Couple Stress Theory. *Symmetry*, **2020**, 12, 1276	2.7	29
114	New analytical formalisms used in finite element analysis of robots with elastic elements. *Journal of Taibah University for Science*, **2020**, 14, 1335-1341	3	1
113	Photo-thermal interactions in a semi-conductor material with cylindrical cavities and variable thermal conductivity. *Journal of Taibah University for Science*, **2020**, 14, 1369-1376	3	7
112	New Analytical Model Used in Finite Element Analysis of Solids Mechanics. *Mathematics*, **2020**, 8, 1401	2.3	2
111	Influence of Geometric Equations in Mixed Problem of Porous Micromorphic Bodies with Microtemperature. *Mathematics*, **2020**, 8, 1386	2.3	
110	Some estimates on solutions of mixed problems for mixtures. *Mechanics of Advanced Materials and Structures*, **2020**, 27, 1776-1782	1.8	1
109	On the boundary value problem in the nonlinear theory of dipolar elastic materials. *Mechanics of Advanced Materials and Structures*, **2020**, 27, 1619-1625	1.8	1
108	On structural stability for an elastic body with voids having dipolar structure. *Continuum Mechanics and Thermodynamics*, **2020**, 32, 147-160	3.5	7

107	A generalization of the Saint-Venant's principle for an elastic body with dipolar structure. *Continuum Mechanics and Thermodynamics*, **2020**, 32, 269-278	3.5	8
106	Finite element analysis of an elbow tube in concrete anchor used in water supply networks. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, **2020**, 234, 3-11	1.3	3
105	Swimming of Motile Gyrotactic Microorganisms and Nanoparticles in Blood Flow Through Anisotropically Tapered Arteries. *Frontiers in Physics*, **2020**, 8,	3.9	95
104	A study on the thermoelasticity of three-phase-lag dipolar materials with voids. *Boundary Value Problems*, **2019**, 2019,	2.1	2
103	Bending Tests Used to Determine the Mechanical Properties of the Components of a Composite Sandwich Used in Civil Engineering. *Procedia Manufacturing*, **2019**, 32, 259-267	1.5	1
102	About finite energy solutions in thermoelasticity of micropolar bodies with voids. *Boundary Value Problems*, **2019**, 2019,	2.1	4
101	Vibration Analysis of a Guitar considered as a Symmetrical Mechanical System. *Symmetry*, **2019**, 11, 727	2.7	9
100	Thermoelasticity of Initially Stressed Bodies with Voids: A Domain of Influence. *Symmetry*, **2019**, 11, 573	2.7	3
99	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
98	On adaptive thermo-electro-elasticity within a Green–Naghdi type II or III theory. *Continuum Mechanics and Thermodynamics*, **2019**, 31, 1453-1475	3.5	4
97	Hydromagnetic transport of iron nanoparticle aggregates suspended in water. *Indian Journal of Physics*, **2019**, 93, 53-59	1.4	5
96	Essentials of Partial Differential Equations **2019**,		5
95	An extension of Dafermos's results for bodies with a dipolar structure. *Applied Mathematics and Computation*, **2019**, 361, 680-688	2.7	4
94	Considerations of the transverse vibration of a mechanical system with two identical bars. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, **2019**, 233, 1318-1323	1.3	9
93	On the Partition of Energies for the Backward in Time Problem of Thermoelastic Materials with a Dipolar Structure. *Symmetry*, **2019**, 11, 863	2.7	80
92	Control of the hydrogen:deuterium isotope mixture using pellets in JET. *Nuclear Fusion*, **2019**, 59, 106047	3.3	4
91	Numerical study of heat transfer and Hall current impact on peristaltic propulsion of particle-fluid suspension with compliant wall properties. *Modern Physics Letters B*, **2019**, 33, 1950439	1.6	113
90	EFFECTS OF CHEMICAL REACTION ON THIRD-GRADE MHD FLUID FLOW UNDER THE INFLUENCE OF HEAT AND MASS TRANSFER WITH VARIABLE REACTIVE INDEX. *Heat Transfer Research*, **2019**, 50, 1061-1080	3.9	54

89	STUDY OF HEAT AND MASS TRANSFER IN THE EYRING-POWELL MODEL OF FLUID PROPAGATING PERISTALTICALLY THROUGH A RECTANGULAR COMPLIANT CHANNEL. *Heat Transfer Research*, **2019**, 50, 1539-1560	3.9	84
88	On vibrations in Green-Naghdi thermoelasticity of dipolar bodies. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2019**, 27, 125-140	0.4	2
87	Implications of the Lagrange Identity in Thermoelasticity of Dipolar Bodies. *Advanced Structured Materials*, **2019**, 291-308	0.6	
86	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
85	Quadratic Forms. *Advanced Structured Materials*, **2019**, 63-85	0.6	
84	Rigid Body Mechanics. *Advanced Structured Materials*, **2019**, 87-139	0.6	
83	Strain and Stress. *Advanced Structured Materials*, **2019**, 141-166	0.6	
82	Modal Analysis. *Advanced Structured Materials*, **2019**, 167-237	0.6	
81	Diffusion in Microstretch Thermoelasticity with Microtemperatures and Microconcentrations. *Studies in Systems, Decision and Control*, **2019**, 149-164	0.8	1
80	A polynomial way to control the decay of solutions for dipolar bodies. *Continuum Mechanics and Thermodynamics*, **2019**, 31, 331-340	3.5	3
79	Micropolar Thermoelasticity with Voids Using Fractional Order Strain. *Studies in Systems, Decision and Control*, **2019**, 133-147	0.8	4
78	Motion equation for a flexible one-dimensional element used in the dynamical analysis of a multibody system. *Continuum Mechanics and Thermodynamics*, **2019**, 31, 715-724	3.5	82
77	Improved rigidity of composite circular plates through radial ribs. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*, **2019**, 233, 1585-1593	1.3	43
76	Propagation of waves in micropolar thermodiffusion elastic half-space. *Afrika Matematika*, **2018**, 29, 451-462	0.7	3
75	Complements of Higher Mathematics **2018**,		10
74	Propagation of a straight crack in dipolar elastic bodies. *Continuum Mechanics and Thermodynamics*, **2018**, 30, 775-782	3.5	2
73	Analytical Solutions of a Two-Dimensional Generalized Thermoelastic Diffusions Problem Due to Laser Pulse. *Iranian Journal of Science and Technology - Transactions of Mechanical Engineering*, **2018** , 42, 57-71	1.2	60
72	An initial boundary value problem for modeling a piezoelectric dipolar body. *Continuum Mechanics and Thermodynamics*, **2018**, 30, 267-278	3.5	7

71	On stability in the thermoelastostatics of dipolar bodies. *Acta Mechanica*, **2018**, 229, 4267-4277	2.1	
70	Anti-plane crack in human bone. I. Mathematical modelling. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2018**, 26, 81-90	0.4	2
69	The theory of generalized thermoelasticity with fractional order strain for dipolar materials with double porosity. *Journal of Materials Science*, **2018**, 53, 3470-3482	4.3	14
68	On a generalized relaxed Saint□Venant principle. *Boundary Value Problems*, **2018**, 2018,	2.1	1
67	EXPLORATION OF CONVECTIVE HEAT TRANSFER AND FLOW CHARACTERISTICS SYNTHESIS BY Cu□Ag/WATER HYBRID-NANOFLUIDS. *Heat Transfer Research*, **2018**, 49, 1837-1848	3.9	120
66	Modeling Fractional Order Strain in Dipolar Thermoelasticity. *IFAC-PapersOnLine*, **2018**, 51, 601-606	0.7	4
65	A Variational Approach for the Mixed Problem in the Elastostatics of Bodies with Dipolar Structure. *Mediterranean Journal of Mathematics*, **2018**, 15, 1	0.9	4
64	Minimum Principle for a Composite Modeled as Two Interacting Dipolar Continua. *Mechanics of Composite Materials*, **2018**, 54, 523-536	1.1	
63	A dipolar structure in the heat-flux dependent thermoelasticity. *AIP Advances*, **2018**, 8, 035220	1.5	1
62	Convective heat transfer flow of nanofluid in a porous medium over wavy surface. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2018**, 382, 2749-2753	2.3	152
61	Proving uniqueness for the solution of the problem of homogeneous and anisotropic micropolar thermoelasticity. *Boundary Value Problems*, **2017**, 2017,	2.1	2
60	A mathematical model for three-phase-lag dipolar thermoelastic bodies. *Journal of Inequalities and Applications*, **2017**, 2017, 109	2.1	7
59	Uniqueness results for a boundary value problem in dipolar thermoelasticity to model composite materials. *Composites Part B: Engineering*, **2017**, 126, 27-37	10	56
58	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
57	Well-posed dual-phase-lag model of a thermoelastic dipolar body. *ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik*, **2017**, 97, 1645-1658	1	2
56	The effect of a dipolar structure on the H□lder stability in Green□Naghdi thermoelasticity. *Continuum Mechanics and Thermodynamics*, **2017**, 29, 1365-1374	3.5	87
55	Coupled transverse and torsional vibrations in a mechanical system with two identical beams. *AIP Advances*, **2017**, 7, 065301	1.5	17
54	Analytical solution of thermoelastic interaction in a half-space by pulsed laser heating. *Physica E: Low-Dimensional Systems and Nanostructures*, **2017**, 87, 254-260	3	87

53	On continuous dependence for the mixed problem of microstretch bodies. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2017**, 25, 131-143	0.4	2
52	Effect of microtemperatures for micropolar thermoelastic bodies. *Structural Engineering and Mechanics*, **2017**, 61, 381-387		55
51	A uniqueness result for final boundary value problem of microstretch bodies. *Journal of Nonlinear Science and Applications*, **2017**, 10, 1908-1918	1.9	4
50	On solutions of Saint-Venant problem for elastic dipolar bodies with voids. *Carpathian Journal of Mathematics*, **2017**, 33, 219-232	1.3	79
49	Effect of internal state variables in thermoelasticity of microstretch bodies. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2016**, 24, 241-257	0.4	0
48	Evolution of solutions for dipolar bodies in Thermoelasticity without energy dissipation. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2016**, 24, 57-82	0.4	
47	On vibrations in thermoelasticity without energy dissipation for micropolar bodies. *Boundary Value Problems*, **2016**, 2016,	2.1	41
46	SV-waves incidence at interface between solid-liquid media under magnetic field, initial stress and two thermal relaxation times. *JVC/Journal of Vibration and Control*, **2016**, 22, 3426-3438	2	3
45	An approach of a heat-flux dependent theory for micropolar porous media. *Meccanica*, **2016**, 51, 1127-1133	2.3	65
44	Existence and stability results for thermoelastic dipolar bodies with double porosity. *Continuum Mechanics and Thermodynamics*, **2016**, 28, 1645-1657	3.5	68
43	On the possibility of locating in time of solutions for thermoelastic porous dipolar bodies. *Acta Mechanica*, **2015**, 226, 2053-2063	2.1	1
42	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
41	Analytical-Numerical Solution of Thermoelastic Interactions in a Semi-Infinite Medium with One Relaxation Time. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 287-291	0.3	2
40	The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium. *JVC/Journal of Vibration and Control*, **2015**, 21, 3281-3291	2	2
39	Axisymmetric Distributions of Thick Circular Plate in a Modified Couple Stress Theory. *Journal of Molecular and Engineering Materials*, **2015**, 03, 1550004	1.3	2
38	. *Journal of Mechanics of Materials and Structures*, **2015**, 10, 497-518	1.2	
37	Effect of the initial stress and rotation on free vibrations in transversely isotropic human long dry bone. *Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica*, **2015**, 23, 171-184	0.4	5
36	Considerations on double porosity structure for micropolar bodies. *AIP Advances*, **2015**, 5, 037113	1.5	49

35	A Result regarding the Seismic Dislocations in Microstretch Thermoelastic Bodies. *Mathematical Problems in Engineering*, **2015**, 2015, 1-8	1.1	1
34	A Green and Naghdi Model in a Two-Dimensional Thermoelastic Diffusion Problem for a Half Space. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 280-286	0.3	3
33	Effect of intrinsic rotations, microstructural expansion and contractions in initial boundary value problem of thermoelastic bodies. *Boundary Value Problems*, **2014**, 2014,	2.1	3
32	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
31	Finite energy solutions in thermoelasticity of porous materials. *JVC/Journal of Vibration and Control* , **2014**, 20, 1656-1662	2	1
30	Relaxed Saint-Venant principle for thermoelastic micropolar diffusion. *Structural Engineering and Mechanics*, **2014**, 51, 651-662		4
29	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
28	Nonsimple material problems addressed by the Lagrange identity. *Boundary Value Problems*, **2013** , 2013,	2.1	28
27	SOME BASIC RESULTS IN NONLINEAR THEORY OF DIPOLAR POROUS MATERIALS. *Journal of Porous Media*, **2013**, 16, 1035-1042	2.9	
26	Modeling a Microstretch Thermoelastic Body with Two Temperatures. *Abstract and Applied Analysis* , **2013**, 2013, 1-7	0.7	35
25	On Free Vibrations of Elastodynamic Problem in Rotating Non-Homogeneous Orthotropic Hollow Sphere. *Mathematical Problems in Engineering*, **2013**, 2013, 1-11	1.1	3
24	Weak solutions in Elasticity of dipolar bodies with stretch. *Carpathian Journal of Mathematics*, **2013**, 29, 33-40	1.3	33
23	Some Estimates on Vibrations in Thermoelasticity of Dipolar Bodies. *JVC/Journal of Vibration and Control*, **2010**, 16, 33-47	2	42
22	Harmonic Vibrations in Thermoelasticity of Microstretch Materials. *Journal of Vibration and Acoustics, Transactions of the ASME*, **2010**, 132,	1.6	51
21	Lagrange identity method for microstretch thermoelastic materials. *Journal of Mathematical Analysis and Applications*, **2010**, 363, 275-286	1.1	42
20	A partition of energy in thermoelasticity of microstretch bodies. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 2436-2447	2.1	40
19	A domain of influence theorem for microstretch elastic materials. *Nonlinear Analysis: Real World Applications*, **2010**, 11, 3446-3452	2.1	44
18	On the minimum principle for dipolar materials with stretch. *Nonlinear Analysis: Real World Applications*, **2009**, 10, 1572-1578	2.1	32

17	Weak Solutions in Elasticity of Dipolar Porous Materials. *Mathematical Problems in Engineering*, **2008**, 2008, 1-8	1.1	46
16	On the Nonlinear Theory of Micropolar Bodies with Voids. *Journal of Applied Mathematics*, **2007**, 2007, 1-11	1.1	4
15	An evolutionary equation in thermoelasticity of dipolar bodies. *Journal of Mathematical Physics*, **1999**, 40, 1391-1399	1.2	38
14	Thermoelasticity of initially stressed bodies, asymptotic equipartition of energies. *International Journal of Engineering Science*, **1998**, 36, 73-86	5.7	41
13	On Harmonic Vibrations in Thermoelasticity of Micropolar Bodies. *JVC/Journal of Vibration and Control*, **1998**, 4, 507-518	2	35
12	Aspects of uniqueness in thermoelasticity of micropolar bodies. *Mechanics Research Communications*, **1997**, 24, 561-568	2.2	
11	Cesaro means in thermoelasticity of dipolar bodies. *Acta Mechanica*, **1997**, 122, 155-168	2.1	63
10	On weak solutions in elasticity of dipolar bodies with voids. *Journal of Computational and Applied Mathematics*, **1997**, 82, 291-297	2.4	44
9	Aspects of uniqueness in thermoelasticity of micropolar bodies with internal state variables. *International Journal of Engineering Science*, **1996**, 34, 1211-1220	5.7	
8	Some basic theorems in elastostatics of micropolar materials with voids. *Journal of Computational and Applied Mathematics*, **1996**, 70, 115-126	2.4	52
7	ON UNIQUENESS IN ELASTODYNAMICS OF DIPOLAR MATERIALS WITH VOIDS. *Journal of Thermal Stresses*, **1996**, 19, 431-444	2.2	
6	The Lagrange identity method in thermoelasticity of bodies with microstructure. *International Journal of Engineering Science*, **1994**, 32, 1229-1240	5.7	38
5	On the evolution of solutions of mixed problems in thermoelasticity of porous bodies with dipolar structure. *Continuum Mechanics and Thermodynamics*,1	3.5	2
4	Well-posedness for thermo-electro-viscoelasticity of Green□Naghdi type. *Continuum Mechanics and Thermodynamics*,1	3.5	0
3	A reciprocal relation with application in the study of the dislocations. *Mechanics of Advanced Materials and Structures*,1-6	1.8	2
2	An extension of the Hamilton variational principle for piezoelectric bodies with dipolar structure. *Mechanics of Advanced Materials and Structures*,1-5	1.8	1
1	Experimental study of the valve rotation in a valvetrain car engine. *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications*,146442072210979	1.3	