

**Fișa de verificare privind îndeplinirea standardelor stabilite de IOSUD-UNITBV
pentru acordarea atestatului de abilitare în domeniul MATEMATICĂ: ARTICOLE: S_Recent \geq 2.5; S \geq 5**

**Conf. Dr. Olivia Ana FLOREA
S_Recent = 5.00
S=6.95**

Nr. Crt	Articol	Autori	Jurnal	ISSN	Anul publica rii	Publicat in ultimii 7 ani	S _j = maximul factorilor SRI din ultimele 5 liste ≥ 0.5	n _i =num arul de autori ai articolul ui	s _i /n _i	Scorul Relati v de Influe nță 2023 (iunie 2024)	Scorul Relati v de Influe nța 2022 (iunie 2023)	Scorul Relati v de Influe nța 2021 (iunie 2022)	Scorul Relati v de Influe nța 2020 (iunie 2021)	Scor Relati v de Influe nța 2019 (iunie 2020)
L1	Microscopic Hamiltonian and chaotic behavior for Barium Titanate nanoparticles revealed by photonic tunneling model https://www.sciencedirect.com/science/article/abs/pii/S0375960123003018	Godwe, E ; Florea, O ; Jarrar, R ; Justin, M; Asad, J	PHYSICS LETTERS A	0375-9601	2023	DA	1.146	5	0.2292	1.146	0.907	0.932	0.964	1.107
L2	Green-Lindsay thermoelasticity for double porous materials	Emin, AN; Florea, OA	ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA	1224-1784	2023	DA	0.521	2	0.2605	0.521	0.386	0.330	0.385	0.269
L3	Indirect Evaluation of the Porosity of Waste Wood Briquettes by Assessing Their Surface Quality	Sova, D ; Gurau, L; Porojan, M; Florea, O ; Sandu, V ; Purcaru, M	WASTE AND BIOMASS VALORIZATION	1877-2641	2022	DA	0.745	6	0.124167	0.716	0.689	0.735	0.743	0.745
L4	Moore-Gibson-Thompson thermoelasticity in the context of double porous materials	Florea, O; Bobe, A	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1175	2021	DA	1.57177	2	0.785885	1.277	1.418	1.411	1.572	1.202
L5	Some uniqueness results for thermoelastic materials with double porosity structure	Emin, AN; Florea, OA; Craciun, EM	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1156	2021	DA	1.57177	3	0.523923	1.277	1.418	1.411	1.572	1.202
L6	Numerical aspects of two coupled harmonic oscillators	Asad, J; Florea, O	ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA	1224-1784	2020	DA	0.521	2	0.2605	0.521	0.386	0.330	0.385	0.269

L7	Harmonic vibrations in thermoelastic dynamics with double porosity structure	Florea, O	MATHEMATICS AND MECHANICS OF SOLIDS	1081-2865	2019	DA	1.123	1	1.123		1.002	1.040	1.123	1.046	1.063
L8	The Backward in Time Problem of Double Porosity Material with Microtemperature	Florea, O	SYMMETRY-BASEL	2073-8994	2019	DA	0.748	1	0.748		0.748	0.660	0.687	0.579	0.55
L9	Spatial Behavior in Thermoelastodynamics with Double Porosity Structure	Florea, O	INTERNATIONAL JOURNAL OF APPLIED MECHANICS	1758-8251	2017	DA	0.953	1	0.953		0.953	0.872	0.859	0.893	0.772
L10	Analytic study of a rolling sphere on a rough surface	Florea, OA; Rosca, IC	AIP ADVANCES	2158-3226	2016	NU	0.924	2	0.462		0.637	0.684	0.727	0.831	0.924
L11	A nonlinear equation for fluids in multiconnected domain	Marin, M; Agarwal, RP; Florea, OA	BOUNDARY VALUE PROBLEMS	1687-2770	2015	NU	0.646	3	0.215333		0.646	0.514	0.560	0.574	0.475
L12	Stokes' Second Problem for a Micropolar Fluid with Slip	Florea, OA; Rosca, IC	PLOS ONE	1932-6203	2015	NU	1.684	2	0.842		1.676	1.535	1.537	1.486	1.684
L13	A Result regarding the Seismic Dislocations in Microstretch Thermoelastic Bodies	Marin, M; Florea, O; Mahmoud, SR	MATHEMATICAL PROBLEMS IN ENGINEERING	1024-123X	2015	NU	0.511	3	0.170333				0.466	0.508	0.511
L14	On temporal behaviour of solutions in Thermoelasticity of porous micropolar bodies	Marin, M; Florea, O	ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA	1224-1784	2014	NU	0.521	2	0.2605		0.521	0.386	0.330	0.385	0.269
S_RECENT =suma(s_i/n_i) din ultimii 7 ani >=2.5									5.008175						
S = suma(s_i/n_i)>=5									6.958342						

Data
2.09.2024

Conf. dr. Olivia Ana Florea



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117 Times Cited Total.

99 Times Cited Without self-citations.

43 Citations in journals with SRI \geq 0.5

Nr. Crt.	Lucrarea care a fost citata	Lucrarea care a citat	Jurnalul in care a citat	ISSN	s_i=max SRI din ultimele 5 liste
1	Indirect Evaluation of the Porosity of Waste Wood Briquettes by Assessing Their Surface Quality Sova, D; Gurau, L; (...); Purcaru, M Jan 2022 WASTE AND BIOMASS VALORIZATION	Unlocking Power: Impact of Physical and Mechanical Properties of Biomass Wood Pellets on Energy Release and Carbon Emissions in Power Sector Scott, C; Desamsetty, TM and Rahmanian, N 2024	WASTE AND BIOMASS VALORIZATION	1877-2641	0.745
2		Optimisation of the Production of Pyrolysed Corn Stover Briquettes and Its Techno-economic Analysis Ngubane, NF and Oyekola, OO 2023	WASTE AND BIOMASS VALORIZATION	1877-2641	0.745

Nr. Crt.	Lucrarea care a fost citata	Lucrarea care a citat	Jurnalul in care a citat	ISSN	s _i =max SRI din ultimele 5 liste
3	Moore-Gibson-Thompson thermoelasticity in the context of double porous materials Florea, OA and Bobe, A Sep 2021 CONTINUUM MECHANICS AND THERMODYNAMICS	Theoretical Investigation of a Rotating Thermomagnetic Isotropic Transverse-Constrained Annular Cylinder with Generalized Ohm's Law Using the Moore-Gibson-Thompson Model of Heat Transfer Moaaz, O; Abouelregal, AE and Awrejcewicz, J Mar 2023	SYMMETRY-BASEL	2073-8994	0.748
4		Modeling heat conduction in an infinite media using the thermoelastic MGT equations and the magneto-Seebeck effect under the influence of a constant stationary source Abouelregal, AE; Tiwari, R and Nofal, TA May 2023	ARCHIVE OF APPLIED MECHANICS	0939-1533	0.898
5		Analysis of a Transversely Isotropic Annular Circular Cylinder Immersed in a Magnetic Field Using the Moore-Gibson-Thompson Thermoelastic Model and Generalized Ohm's Law Moaaz, O; Abouelregal, AE and Alsharari, F Oct 2022	MATHEMATICS	2227-7390	0.86
6	Some uniqueness results for thermoelastic materials with double porosity structure Emin, AN; Florea, OA and Craciun, EM Jul 2021 CONTINUUM MECHANICS AND THERMODYNAMICS	A porothermoelasticity theory for anisotropic medium Shivay, ON and Mukhopadhyay, S Nov 2021	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1175	1.57177

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7	Numerical aspects of two coupled harmonic oscillators Asad, J and Florea, O Mar 2020 ANALELE STIINTIFICE ALE	The kinematics behaviour of coupled pendulum using differential transformation method Erturk, VS; Asad, J; (...); Khalilia, H Jul 2021	RESULTS IN PHYSICS	2211-3797	1.582
8	UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA	Mechanical Properties of a Chiral Cellular Structure with Semicircular Beams Bai, YL; Zhao, T; (...); She, CM Jun 2021	MATERIALS	1996-1944	2.113274
9		Weak solution of longitudinal waves in carbon nanotubes Nicolescu, AE and Bobe, A Sep 2021	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1175	1.57177
10	Harmonic vibrations in thermoelastic dynamics with double porosity structure Florea, OA Aug 2019 MATHEMATICS AND MECHANICS OF SOLIDS	Potential method in the coupled theory of elastic double-porosity materials Svanadze, M Jun 2021	ACTA MECHANICA	0001-5970	0.957
11		Potential method in the theory of thermoelasticity for materials with triple voids Svanadze, M 2019	ARCHIVES OF MECHANICS	0373-2029	1.082
12	Mathematical Modeling of Some Physical Phenomena Through Dynamical Systems Florea, OA 2019 MODELS AND THEORIES IN SOCIAL SYSTEMS 179 , pp.77-93	Leachate Treatment via TiO2/UV Heterogeneous Photocatalysis: A Multiple Polynomial Regression Model Becerra-Moreno, D; Machuca-Martínez, F; (...); Soto-Vergel, A Dec 2023	INGENIERIA E INVESTIGACION	0120-5609	0.675

Nr. Crt.	Lucrearea care a fost citata	Lucrearea care a citat	Jurnalul in care a citat	ISSN	s_i=max SRI din ultimele 5 liste
13	Spatial Behavior in Thermoelastodynamics with Double Porosity Structure Florea, O Oct 2017 INTERNATIONAL JOURNAL OF APPLIED MECHANICS	On the coupled theory of thermoelastic double-porosity materials Svanadze, M Jul 3 2022	JOURNAL OF THERMAL STRESSES	0149-5739	1.303
14		On the linear theory of double porosity thermoelasticity under local thermal non-equilibrium Svanadze, M Jul 3 2019	JOURNAL OF THERMAL STRESSES	0149-5739	1.303
15	Analytic study of a rolling sphere on a rough surface Florea, OA and Rosca, IC Nov 2016 AIP ADVANCES	Numerical Modeling of the Collective Behavior of Scarab Beetles Transporting Dung Balls and Competing for Them on Complex Terrain Filippov, AE and Gorb, SN Sep 2022	ADVANCED THEORY AND SIMULATIONS	2513-0390	1.51395
16		Sisyphus and his rock: Quasi-random walk inspired by the motion of a ball transported by a dung beetle on combined terrain Bijma, NN; Filippov, AE and Gorb, SN Jul 7 2021	JOURNAL OF THEORETICAL BIOLOGY	0022-5193	1.207
17		Characteristics extraction and numerical analysis of the rough surface macro-morphology Sun, QC; Mu, XK; (...); Sun, W 2019	ENGINEERING COMPUTATIONS	0264-4401	1.237
18		Substitutability analysis of a numerically simulated surface and an actual rough surface Sun, QC; Mu, XK; (...); Yuan, YL Aug 2018	AIP ADVANCES	2158-3226	0.924

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19	Stokes' Second Problem for a Micropolar Fluid with Slip Florea, OA and Rosca, IC Jul 10 2015 PLOS ONE	A numerical study of micropolar flow inside a lid-driven triangular enclosure Ali, N; Nazeer, M; (...); Abbas, F Oct 2018	MECCANICA	0025-6455	1.053
20	On temporal behaviour of solutions in Thermoelasticity of porous micropolar bodies Marin, M and Florea, O 2014 ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA	Deformation in a micropolar material under the influence of Hall current and initial stress fields in the context of a double-temperature thermoelastic theory involving phase lag and higher orders Abouelregal, AE and Rashid, AF Jul 2024	ACTA MECHANICA	0001-5970	0.957
21		Using DQ method for vibration analysis of a laminated trapezoidal structure with functionally graded faces and damaged core Valverde, V; Viktor, P; (...); Bohlooli, N Apr 10 2024	STEEL AND COMPOSITE STRUCTURES	1229-9367	1.502
22		Free vibration analysis of trapezoidal Double Layered plates embedded with viscoelastic medium for general boundary conditions using differential quadrature method Ameer, SA; Hussein, AHA; (...); Tahouneh, V Feb 25 2024	STEEL AND COMPOSITE STRUCTURES	1229-9367	1.502
23		Nonlinear vibration analysis of fluid-conveying cantilever graphene platelet reinforced pipe Ali, BM; Akkas, M; (...); Bohlooli, N Jan 25 2024	STEEL AND COMPOSITE STRUCTURES	1229-9367	1.502

Nr. Crt.	Lucrarea care a fost citata	Lucrarea care a citat	Jurnalul in care a citat	ISSN	s_i=max SRI din ultimele 5 liste
25		Three-Point Safety Polymeric Belt Webbing versus Four-Point Belt for a Race Car in Frontal Crashes Itu, C and Vlase, S Dec 2023	MATERIALS	1996-1944	2.113274
26		A variational approach of the boundary value problem for elastic Cosserat bodies Marin, M; Carrera, E; (...); Abbas, I Jan 2 2024	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	1537-6494	1.804
27		Free vibration analysis of a laminated trapezoidal plate with GrF-PMC core and wavy CNT-reinforced face sheets Zhang, YQ; Zhao, Q; (...); Bohlooli, N Aug 10 2023	STEEL AND COMPOSITE STRUCTURES	1229-9367	1.502

Nr. Crt.	Lucrarea care a fost citata	Lucrarea care a citat	Jurnalul in care a citat	ISSN	s_i=max SRI din ultimele 5 liste
28		On weak solutions of boundary values problem in the theory of Cosserat porous bodies Marin, M; Altenbach, H and Abbas, I Jun 2023	ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK	0044-2267	0.837
29		Thermodiffusion Waves of Mechanical Ramp Non-Local Excited Semiconductor Medium with Variable Thermal Conductivity Alhejaili, W; Lotfy, K; (...); Alkinidri, M Dec 2022	SILICON	1876-990X	0.631
30		Some results on the electroacoustic energy flux for micropolar bodies Marin, M; Vlase, S; (...); Craciun, EM Sep 2022	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1175	1.57177
31		Axisymmetric vibration analysis of a sandwich porous plate in thermal environment rested on Kerr foundation Zhang, Z; Yang, QJ and Jin, C Jun 10 2022	STEEL AND COMPOSITE STRUCTURES	1229-9367	1.502

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32		Effect of gravity on a magneto-thermoelastic porous medium with the frame of a memory-dependent derivative in the context of the 3PHL model Alharbi, AM; Said, SM and Othman, MIA Sep 25 2021	STEEL AND COMPOSITE STRUCTURES	1229-9367	1.502
33		Deformation in a nonlocal magneto-thermoelastic solid with hall current due to normal force Lata, P and Singh, S Jul 25 2020	GEOMECHANICS AND ENGINEERING	2005-307X	0.907
34		Plane waves in generalized magneto-thermo-viscoelastic medium with voids under the effect of initial stress and laser pulse heating Othman, MIA; Fekry, M and Marin, M Mar 25 2020	STRUCTURAL ENGINEERING AND MECHANICS	1225-4568	0.863636
35		Some Backward in Time Results for Thermoelastic Dipolar Structures Marin, MI; Abbas, IA; (...); Craciun, EM	FRONTIERS IN PHYSICS	2296-424X	1.900794
36		On the decay of exponential type for the solutions in a dipolar elastic body Marin, M; Ellahi, R; (...); Bhatti, MM Jan 1 2020	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	1658-3655	0.811

Nr. Crt.	Lucrarea care a fost citata	Lucrarea care a citat	Jurnalul in care a citat	ISSN	s_i=max SRI din ultimele 5 liste
37		On a magneto-poro-thermoelastic medium under the influence of the Seebeck effect Abd-Elaziz, EM and Othman, MIA Apr 10 2020	INTERNATIONAL JOURNAL FOR NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS	0363-9061	2.168
38		Fundamental solution of steady oscillations for porous materials with dual-phase-lag model in micropolar thermoelasticity Biswas, S Jul 4 2019	MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES	1539-7734	1.069
39		A Variational Approach for the Mixed Problem in the Elastostatics of Bodies with Dipolar Structure Marin, M and Radulescu, V Dec 2018	MEDITERRANEAN JOURNAL OF MATHEMATICS	1660-5446	1.128
40		The influence of Thomson effect and inclined loads in an electro-magneto-thermoelastic solid with voids under green-Naghdi theories Abd-Elaziz, EM and Hilal, MIM Sep 2018	JOURNAL OF OCEAN ENGINEERING AND SCIENCE	2468-0133	4.442
41		Existence and stability results for thermoelastic dipolar bodies with double porosity Marin, M and Nicaise, S Nov 2016	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1175	1.57177
42		Free vibration and vibrational displacements analysis of thick elastically supported laminated curved panels with power-law distribution functionally graded layers and finite length via 2D GDQ method Tahouneh, V and Naei, MH	JOURNAL OF SANDWICH STRUCTURES & MATERIALS	1099-6362	2.886

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43	<p><u>THE STRUCTURAL INFLUENCE OF THE FORCES OF THE STABILITY OF DYNAMICAL SYSTEMS</u> <u>Lupu, M; Florea, O and Lupu, C</u> <u>ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA</u></p>	<p>Weak solution of longitudinal waves in carbon nanotubes Nicolescu, AE and Bobe, A Sep 2021</p>	CONTINUUM MECHANICS AND THERMODYNAMICS	0935-1175	1.57177
TOTAL	C=43>=12				

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