

GRANTURI SUPT ARTICOLE - PUBLICAȚII

LISTĂ ARTICOLE PUBLICATE ÎN REVISTE INDEXATE WEB OF SCIENCE (ISI) CU FACTOR DE IMPACT (FI) ȘI BREVETE APROBATĂ ÎN CA din 28.06.2022

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
1	Muresan Vlad, Unguresan Mihaela-Ligia, Abrudean Mihail, Valean Honoriu, Clitan Iulia, Motorga Roxana, Ceuca Emilian, Fisca Marius, AI versus Classic Methods in Modelling Isotopic Separation Processes: Efficiency Comparison, MATHEMATICS , eISSN: 2227-7390, Volume9, Issue23, Article Number3088, DOI10.3390/math9233088, Published DEC 2021	8	7	NU	Valean Honoriu AC / AUT	Q1	1,000.0	7,000
2	Voicu Ionut Victor, Bode Florin, Abboud Wassim, Louahlia Hasna, Gualous Hamid, Sandu Mihnea, Nastase Ilinca, Experimental and Numerical Study for a Novel Arrangement of a SuperCapacitors Stack to Improve Heat Transfer, APPLIED SCIENCES-BASEL , eISSN: 2076-3417, Volume12, Issue2, Article Number662, DOI10.3390/app12020662, Published JAN 2022	7	1	DA	Bode Florin ARMM / IM	Q2	1,142.8	1,143
3	Kapalo Peter, Vojtasko Lubos, Vasilisin Daniel, Domnita Florin, Bacotiu Ciprian, Kandrach Robert, Batorova Michaela, Investigation of the influence of the level of physical activity on the air exchange requirements for a gym, BUILDING AND ENVIRONMENT , ISSN: 0360-1323, Volume204, Article Number108123, DOI10.1016/j.buildenv.2021.108123, Published OCT 15 2021	7	2	DA	Domnita Florin ING INST / ING INST	Q1	1,428.6	2,857
4	Muresan Cristina I., Birs Isabela, Ionescu Clara, Dulf Eva H, De Keyser Robin, A Review of Recent Developments in Autotuning Methods for Fractional-Order Controllers, FRACTAL AND FRACTIONAL , eISSN: 2504-3110, Volume6, Issue1, Article Number37, DOI10.3390/fractalfract6010037, Published JAN 2022	5	3	DA	Muresan Cristina AC / AUT	Q1	2,000.0	6,000

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		TOTAL	UTCN					
5	Dippong Thomas , Lazar Mihaela Diana, Deac Iosif Grigore, Palade Petru, Petean Ioan, Borodi Gheorghe, Cadar Oana, The effect of cation distribution and heat treatment temperature on the structural, surface, morphological and magnetic properties of Mn _x Co _{1-x} Fe ₂ O ₄ @SiO ₂ nanocomposites, JOURNAL OF ALLOYS AND COMPOUNDS , ISSN: 0925-8388, Volume895, Part2, Article Number162715, DOI10.1016/j.jallcom.2021.162715, Published FEB 25 2022	7	1	NU	Dippong Thomas STIINTE / CHIM-BIO	Q1	1,142.9	1,143
6	Popescu Claudiu Marius , Learning bounds for quantum circuits in the agnostic setting, QUANTUM INFORMATION PROCESSING , ISSN: 1570-0755, Volume20, Issue9, Article Number286, DOI10.1007/s11128-021-03225-7, Published SEP 2021	1	1	NU	Popescu Claudiu Marius (Drd) ETTI / BE (Corneliu Rusu)	Q1	8,000.0	8,000
7	Popescu Claudiu Marius, Grama Lacrimioara, Rusu Corneliu , A Highly Scalable Method for Extractive Text Summarization Using Convex Optimization, SYMMETRY-BASEL , eISSN: 2073-8994, Volume13, Issue10, Article Number1824, DOI10.3390/sym13101824, Published OCT 2021	3	3	NU	Corneliu Rusu ETTI / BE	Q2	2,000.0	6,000
8	Matei Oliviu, Erdei Rudolf, Pintea Camelia-M , Selective Survey: Most Efficient Models and Solvers for Integrative Multimodal Transport, INFORMATICA , ISSN: 0868-4952, Volume32, Issue2, Page371-396, DOI10.15388/21-INFOR449, Published 2021	3	3	NU	Matei Oliviu ING / IEEC	Q1	2,666.7	8,000
9	Ticala Cristina, Matei Oliviu, Pintea Camelia-M , Sensitive Ant Algorithm for Edge Detection in Medical Images, APPLIED SCIENCES-BASEL , eISSN: 2076-3417, Volume11, Issue23, Article Number11303, DOI10.3390/app112311303, Published DEC 2021	3	3	NU	Matei Oliviu ING / IEEC	Q2	2,000.0	6,000
10	Chiroiu Veturia, Nedelcu Nicoleta, Pisla Doina , Munteanu Ligia, Rugina Cristian, On the flexible needle insertion into the human liver, SCIENTIFIC REPORTS , ISSN: 2045-2322, Volume11, Issue1, Article Number10251, DOI10.1038/s41598-021-89479-8, Published MAY 13 2021 ,	5	1	NU	Pisla Doina IIRMP / ISM	Q1	1,600.0	1,600
11	Dippong Thomas , Characterization and Applications of Metal Ferrite Nanocomposites, NANOMATERIALS , eISSN: 2079-4991, Volume12, Issue1, Article Number107, DOI10.3390/nano12010107, Published JAN 2022	1	1	NU	Dippong Thomas STIINTE / CHIM-BIO	Q1	8,000.0	8,000

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		TOTAL	UTCN					
12	Kumar Deepak, Kumar Sunil, Sharma Janak Raj, Jantschi Lorentz , Convergence Analysis and Dynamical Nature of an Efficient Iterative Method in Banach Spaces, MATHEMATICS , eISSN: 2227-7390, Volume9, Issue19, Article Number2510, DOI10.3390/math9192510, PublishedOCT 2021	4	1	DA	Jantschi Lorentz IMM / FIZCHIM	Q1	2,500.0	2,500
13	Breaz Daniel, Cotirla Luminita-Ioana , The Study of the New Classes of m-Fold Symmetric bi-Univalent Functions, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue1, Article Number75, DOI10.3390/math10010075, PublishedJAN 2022	2	1	NU	Cotirla Luminita Ioana AC / MATH	Q1	4,000.0	4,000
14	Oros Georgia Irina, Cotirla Luminita-Ioana , Coefficient Estimates and the Fekete-Szego Problem for New Classes of m-Fold Symmetric Bi-Univalent Functions, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue1, Article Number129, DOI10.3390/math10010129, PublishedJAN 2022	2	1	NU	Cotirla Luminita Ioana AC / MATH	Q1	4,000.0	4,000
15	Dippong Thomas , Deac Iosif Grigore, Lazar Mihaela Diana, Petean Ioan, Levei Erika Andrea, Borodi Gheorghe, Cadar Oana, Effect of heat-treatment temperature and zinc addition on magnetostructural and surface properties of manganese nanoferrite prepared by an ecofriendly sol-gel synthesis, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T , ISSN: 2238-7854, Volume15, Page6528-6540, DOI10.1016/j.jmrt.2021.11.073, PublishedNOV-DEC 2021	7	1	NU	Dippong Thomas STIINTE / CHIM-BIO	Q1	1,142.9	1,143
16	Alecsa Cristian Daniel , Laszlo Szilard Csaba, TIKHONOV REGULARIZATION OF A PERTURBED HEAVY BALL SYSTEM WITH VANISHING DAMPING , SIAM JOURNAL ON OPTIMIZATION , ISSN: 1052-6234, Volume31, Issue4, Page2921-2954, DOI10.1137/20M1382027, Published2021	2	2	NU	Laszlo Szilard Csaba AC / MATH	Q1	4,000.0	8,000
17	Ciprian Iacobescu , Gabriel Oltean , Camelia Florea , and Bogdan Burtea , Unified InterPlanetary Smart Parking Network for Maximum End-User Flexibility, SENSORS , eISSN: 1424-8220, Volume22, Issue1, Article Number221, DOI10.3390/s22010221, PublishedJAN 2022	4	4	NU	Camelia Florea ETTI / COM	Q1	2,000.0	8,000

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18	Mihaela Ghita , Isabela Birs , Dana Copot , Ioana Nascu and Clara M. Ionescu, Impedance Spectroscopy Sensing Material Properties for Self-Tuning Ratio Control in Pharmaceutical Industry, APPLIED SCIENCES-BASEL , eISSN: 2076-3417, Volume12, Issue1, Article Number509, DOI10.3390/app12010509, Published JAN 2022	5	2	DA	Isabela Birs AC / AUT	Q2	1,600.0	3,200
19	Corina Bîrleanu, Marius Pustan, Florina Serdean and Violeta Merie , AFM Nanotribomechanical Characterization of Thin Films for MEMS Applications, MICROMACHINES , eISSN: 2072-666X, Volume13, Issue1, Article Number23, DOI10.3390/mi13010023, Published JAN 2022	4	4	NU	Bîrleanu Corina IIRMP / ISM	Q2	1,500.0	6,000
20	Ana Moldovan , Anamaria Iulia Török , Ionut Cornel Mirea, Valer Micle , Oana Teodora Moldovan, Levei Erika Andrea, Health Risk Assessment in Southern Carpathians Small Rural Communities Using Karst Springs as a Drinking Water Source, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH , eISSN: 1660-4601, Volume19, Issue1, Article Number234, DOI10.3390/ijerph19010234, Published JAN 2022	6	2	NU	MICLE VALER IMM / IMADD	Q1	1,333.3	2,667
21	Bayar Yilmaz, Gavriletea Marius Dan, Pinte Mirela Oana, Sechel Ioana Cristina , Impact of Environment, Life Expectancy and Real GDP per Capita on Health Expenditures: Evidence from the EU Member States INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH , eISSN: 1660-4601, Volume18, Issue24, Article Number13176, DOI10.3390/ijerph182413176, Published DEC 2021	4	1	DA	Sechel Ioana Cristina ARMM / ART	Q1	2,500.0	2,500
22	Nicoleta Cobîrzan , Radu Muntean, Gyorgy Thalmaier and Raluca-Andreea Felseghi , Recycling of Mining Waste in the Production of Masonry Units, MATERIALS , eISSN: 1996-1944, Volume15, Issue2, Article Number594, DOI10.3390/ma15020594, Published JAN 2022	4	3	NU	Thalmaier Gyorgy IMM / SIM	Q1	2,000.0	6,000

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23	Zoltan Czako , Teodora Surdea-Blaga, Gheorghe Sebestyen , Anca Hangan , Dan Lucian Dumitrascu, Liliana David, Giuseppe Chiarioni, Edoardo Savarino and Stefan Lucian Popa, Integrated Relaxation Pressure Classification and Probe Positioning Failure Detection in High-Resolution Esophageal Manometry Using Machine Learning, SENSORS , eISSN: 1424-8220 , Volume22, Issue1, Article Number253, DOI10.3390/s22010253, Published JAN 2022	9	3	DA	Hangan Lia Anca AC / CALC	Q1	1,111.1	3,333
24	Bogdan Mocan , Claudiu Schonstein , Calin Neamtu , Mircea Murar , Mircea Fulea , Radu Comes and Mihaela Mocan, CardioVR-ReTone-Robotic Exoskeleton for Upper Limb Rehabilitation following Open Heart Surgery: Design, Modelling, and Control, SYMMETRY-BASEL , eISSN: 2073-8994 , Volume14, Issue1, Article Number81, DOI10.3390/sym14010081, Published JAN 2022	7	6	NU	Bogdan Mocan IIRMP / IPR	Q2	857.1	5,143
25	Ana-Maria Acu and Ioan Rasa , Iterates and Invariant Measures for Markov Operators, RESULTS IN MATHEMATICS , ISSN: 1422-6383 , Volume76, Issue4, Article Number218, DOI10.1007/s00025-021-01524-0, Published DEC 2021	2	1	NU	Ioan Rasa AC / MATH	Q2	3,000.0	3,000
26	ANA MARIA ACU, ALI ARAL and IOAN RASA , Generalized Bernstein Kantorovich operators: Voronovskaya type results, convergence in variation, CARPATHIAN JOURNAL OF MATHEMATICS , ISSN: 1584-2851 , Volume38, Issue1, Page1-12, DOI10.37193/CJM.2022.01.01, Published 2022	3	1	DA	Ioan Rasa AC / MATH	Q1	3,333.3	3,333
27	Ana-Maria Acc, Madalina Dancs, Margareta Heilmann, Vlad Pasca, Ioan Rasa , Voronovskaya type results for special sequences of operators, REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS , ISSN: 1578-7303 , Volume116, Issue1, Article Number19, DOI10.1007/s13398-021-01157-6, Published JAN 2022	5	1	DA	Ioan Rasa AC / MATH	Q1	2,000.0	2,000

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28	Otrocol Diana Ioana , Ilea Veronica, Rus Ioan, Serban Marcel, APPLICATIONS OF FIBRE CONTRACTION PRINCIPLE TO SOME CLASSES OF FUNCTIONAL INTEGRAL EQUATIONS, FIXED POINT THEORY , ISSN: 1583-5022, Volume23, Issue1, Page279-292, DOI10.24193/fpt-ro.2022.1.18, Published2022	4	1	NU	Otrocol Diana Ioana AC / MATH	Q1	2,000.0	2,000
29	Zoltán Nagy , ZsófiaLendek , Lucian Busoniu , TS Fuzzy Observer-Based Controller Design for a Class of Discrete-Time Nonlinear Systems, IEEE TRANSACTIONS ON FUZZY SYSTEMS , ISSN: 1063-6706, Volume30, Issue2, Page555-566, DOI10.1109/TFUZZ.2020.3041590, PublishedFEB 2022	3	3	NU	Zoltán Nagy AC / AUT	Q1	2,666.7	8,000
30	Lorant Andras Szolga , Denisa Alice Bozga and Camelia Florea , End-User Skin Analysis (Moles) through Image Acquisition and Processing System, SENSORS , eISSN: 1424-8220, Volume22, Issue3, Article Number1123, DOI10.3390/s22031123, Published FEB 2022	3	2	NU	Lorant Andras Szolga ETTI / BE	Q1	2,666.7	5,333
31	Thillaikumar Thangaraj , Mrinal Kaushik, Dipankar Deb, Mihaela Unguresan and Vlad Muresan , Survey on Vortex Shedding Tabs as Supersonic Jet Control, FRONTIERS IN PHYSICS , ISSN: 2296-424X, Volume9, Article Number789742, DOI10.3389/fphy.2021.789742, Published FEB 1 2022	5	2	DA	Vlad Muresan AC / AUT	Q2	1,600.0	3,200
32	Birou Marius Mihai , A generalization of an inequality related to a conjecture involving convex functions, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS , ISSN: 0022-247X, Volume505, Issue1, Article Number125623, DOI10.1016/j.jmaa.2021.125623, Published JAN 1 2022	1	1	NU	Birou Marius Mihai AC / MATH	Q1	8,000.0	8,000
33	Sechel Ioana C., Mariasiu Florin , Efficiency of Governmental Policy and Programs to Stimulate the Use of Low-Emission and Electric Vehicles: The Case of Romania, SUSTAINABILITY , eISSN: 2071-1050, Volume14, Issue1, Article Number45, DOI10.3390/su14010045, Published JAN 2022	2	2	NU	Mariasiu Florin ARRM / ART	Q2	3,000.0	6,000

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34	Bilc Sergiu,(MASTERAND) Groza Adrian , Muntean George, Nicoara Simona Delia, Interleaving Automatic Segmentation and Expert Opinion for Retinal Conditions, DIAGNOSTICS , eISSN: 2075-4418 , Volume12, Issue1, Article Number22,DOI10.3390/diagnostics12010022, Published JAN 2022	4	1	NU	Groza Adrian AC / CALC	Q2	1,500.0	1,500
35	Ion-Guta Dragos Daniel,Ursu Ioan, Toader Adrian, Enciu Daniela, Danca Paul Alexandru, Nastase Ilinca, Croitoru Cristiana Verona, Bode Florin Ioan , Sandu Mihnea, Advanced Thermal Manikin for Thermal Comfort Assessment in Vehicles and Buildings, APPLIED SCIENCES-BASEL , eISSN: 2076-3417 , Volume12, Issue4, Article Number1826, DOI10.3390/app12041826, Published FEB 2022	9	1	NU	Bode Florin Ioan ARMM / IM	Q2	666.7	667
36	Danku Alex Ede, Dulf Eva , Braicu Cornelia, Jurj Ancuta, Berindan-Neagoe Ioana, Organ-On-A-Chip: A Survey of Technical Results and Problems, FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY , ISSN: 2296-4185 , Volume10, Article Number840674, DOI10.3389/fbioe.2022.840674, Published FEB 10 2022	5	2	NU	Dulf Eva AC / AUT	Q1	1,600.0	3,200
37	Danku Alex Ede, Dulf Eva H., Banut Raul Petru (STUDENT) , Silaghi Horatiu, Silaghi Cristina Alina, Cancer Diagnosis With the Aid of Artificial Intelligence Modeling Tools, IEEE ACCESS , ISSN: 2169-3536 , Volume10, Page20816-20831, DOI10.1109/ACCESS.2022.3152200, Published2022	5	2	NU	Dulf Eva AC / AUT	Q2	1,200.0	2,400
38	Mihai Dragomir , Diana Alina Blagu , Sorin Popescu, Mircea Fulea and Calin Neamtu , How Well Are Manufacturing Companies in Transylvania, Romania Adapting to the Low-Carbon Economy in Order to Become Sustainable?, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH , eISSN: 1660-4601 , Volume19, Issue4, Article Number2118, DOI10.3390/ijerph19042118, PublishedFEB 2022	5	5	NU	Dragomir Mihai IIRMP / IPR	Q1	1,600.0	8,000
39	Felecan Oliviu, Felecan Daiana , Continuturi implicite in bancurile generate de pademia Covid-19 (II): clasificare semantico - pragmatica, Philologica Jassyensia , e-ISSN: 2247-8353 , VOL 2, nr. 34, pag 147-160, decembrie 2021	2	2	NU	Felecan Oliviu LITERE / FSC	ERIH PLUS	3,000.0	6,000

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40	Felecan Oliviu , In memoriam patris sive de immortalitate, Analele Universității de Vest din Timișoara. Seria Științe filologice, ISSN: 1224-967X , VOL LIX, NR 1, PAG 235 -247, DECEMBRIE 2021	1	1	NU	Felecan Oliviu LITERE / FSC	ERIH PLUS	6,000.0	6,000
41	Felecan Oliviu , Feminine names in current Romanian hodonymy, Onomastica, ISSN: 0078-4648 , VOL LXV, NR.1, PAG. 271-287, DECEMBRIE 2021	1	1	NU	Felecan Oliviu LITERE / FSC	ERIH PLUS	6,000.0	6,000
42	Felecan Daiana , Non omnis moriar, Philologica Jassyensia, ISSN 2247-8353 , VOL: XVII, NR. 1, PAG 269 -274, AUGUST 2021	1	1	NU	Felecan Daiana LITERE / FSC	ERIH PLUS	6,000.0	6,000
43	Jurca Nicolae-Florin, Inte Razvan Alexandru, Popa Dan-Cristian , Varaticeanu Bogdan, Minciunescu Paul, Martis Claudia , Electromagnetic and Mechanical Analysis of a Modular Outer Rotor Synchronous Reluctance Machine for Light Propulsion Vehicles, IEEE TRANSACTIONS ON TRANSPORTATION ELECTRIFICATION, ISSN: 2332-7782 , Volume7, Issue4, Page2798-2811, DOI10.1109/TTE.2021.3067135, Published DEC 2021	6	4	NU	Popa Dan-Cristian IE / MAE	Q1	1,333.3	5,333
44	Grozav Sorin, Sterca Alexandru D (MASTERAND). , Kocisko Marek, Pollak Martin, Ceclan Vasile , Feasibility of Predictive Models for the Quality of Additive Manufactured Components Based on Artificial Neural Networks, MACHINES, eISSN: 2075-1702 , Volume10, Issue2, Article Number128, DOI10.3390/machines10020128, Published FEB 2022	5	2	DA	Grozav Sorin IIRMP / IF	Q2	1,600.0	3,200
45	Ivan Mircea, Neagos Vicuta , A representation of the interpolation polynomial, NUMERICAL ALGORITHMS, ISSN: 1017-1398 , Volume88, Issue3, Page1215-1231, DOI10.1007/s11075-021-01072-2, Published NOV 2021	2	2	NU	Neagos Vicuta AC / MATH	Q1	4,000.0	8,000

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46	Zagrai Mioara, Macavei Sergiu, Rada Simona, Pica Maria Elena , Pruneanu Stela Maria, Structural and spectroscopic properties of gadolinium-lead-lead dioxide glasses, JOURNAL OF NON-CRYSTALLINE SOLIDS , ISSN: 0022-3093, Volume576, Article Number121234, DOI10.1016/j.jnoncrysol.2021.121234, PublishedJAN 15 2022	5	2	NU	Rada Simona IMM / FIZCHIM	Q1	1,600.0	3,200
47	FARCAȘ IOAN-MIRCEA , Considerații asupra hipercorectitudinii. False depalatalizări, Annales Universitatis Apulensis. Series Philologica , ISSN: 1582-5523, VOL.22, NR. 2, 2021, IANUARIE, PAG: 321-327	1	1	NU	FARCAȘ IOAN-MIRCEA LITERE / FSC	ERIH PLUS	6,000.0	6,000
48	Maier Andreea doctorand, Manea Daniela Lucia , Perspective of Using Magnesium Oxychloride Cement (MOC) and Wood as a Composite Building Material: A Bibliometric Literature Review. MATERIALS , eISSN: 1996-1944, Volume: 15 Issue: 5, Article Number: 1772, DOI: 10.3390/ma15051772, Published: MAR 2022	2	2	NU	Manea Daniela Lucia CONSTR / CCM	Q1	4,000.0	8,000
49	Pustan Marius, Birleanu Corina , Voicu Rodica, Muller Raluca, AFM Characterization of Temperature Effect on the SU-8 Mechanical and Tribological Properties, POLYMERS , eISSN: 2073-4360, Volume14, Issue5, Article Number1009, DOI10.3390/polym14051009, PublishedMAR 2022	4	2	NU	Pustan Marius IIRMP / ISM	Q1	2,000.0	4,000
50	Berinde Vasile , A Modified Krasnosel'skii-Mann Iterative Algorithm for Approximating Fixed Points of Enriched Nonexpansive Mappings, SYMMETRY-BASEL , eISSN: 2073-8994 , Volume14, Issue1, Article Number123, DOI10.3390/sym14010123, PublishedJAN 2022	1	1	NU	Berinde Vasile STIINTE / MATE INFO	Q2	6,000.0	6,000
51	Berinde Vasile , Maia type fixed point theorems for some classes of enriched contractive mappings in Banach spaces, CARPATHIAN JOURNAL OF MATHEMATICS , ISSN: 1584-2851, Volume38, Issue1, Page35-46, DOI10.37193/CJM.2022.01.04, Published2022	1	1	NU	Berinde Vasile STIINTE / MATE INFO	Q1	8,000.0	8,000

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52	Vescan Andreea, Pintea Camelia-M, Pop Sitar Petrica , Test Case Prioritization-ANT Algorithm With Faults Severity, LOGIC JOURNAL OF THE IGPL, ISSN: 1367-0751 , Volume30, Issue2, Page277-288, DOI10.1093/jigpal/jzaa061, PublishedMAR 25 2022	3	2	NU	Pop Sitar Petrica STIINTE / MATE INFO	Q1	2,666.7	5,333
53	Kushwah Varun, Saraf Isha, Yeoh Thean, Ardelean Ioan , Weber Hansjoerg, Sarkar Avik, Chen Raymond, Vogel Trevor, Modhave Dattatray, Laggner Peter, Paudel Amrit, Interplay of Aging and Lot-to-Lot Variability on the Physical and Chemical Properties of Excipients: A Case Study of Mono- and Diglycerides, MOLECULAR PHARMACEUTICS, ISSN: 1543-8384 , Volume18, Issue3, Page862-877, DOI10.1021/acs.molpharmaceut.0c00847, PublishedMAR 1 2021	11	1	DA	Ardelean Ioan IMM / FIZCHIM	Q1	909.1	909
54	Ardelean Ioan , The Effect of an Accelerator on Cement Paste Capillary Pores: NMR Relaxometry Investigations, MOLECULES, eISSN: 1420-3049 , Volume26, Issue17, Article Number5328, DOI10.3390/molecules26175328, PublishedSEP 2021	1	1	NU	Ardelean Ioan IMM / FIZCHIM	Q2	6,000.0	6,000
55	Pop Ion Benjamin, INVOLVEMENT FEATURES IN THE WRITTEN REGISTER OF NEWS. ADVERB OCCURRENCE AND REALISATION, ANNALES UNIVERSITATIS APULENSIS. SERIES PHILOLOGICA, ISSN: 1582-5523, vol. 22, nr. 2, 2021 ianuarie , pag. 379-388	1	1	NU	Pop Ion Benjamin LITERE / FSC	ERIH PLUS	6,000.0	6,000
56	Murugusundaramoorthy Gangadharan, Cotirla Luminita-Ioana , Bi-univalent functions of complex order defined by Hohlov operator associated with legendrae polynomial, AIMS MATHEMATICS, eISSN: 2473-6988 , Volume7, Issue5, Page8733-8750, DOI10.3934/math.2022488, Published2022	2	1	DA	Cotirla Luminita Ioana AC / MATH	Q2	4,000.0	4,000

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
57	Ahmad Bakhtiar, Khan Muhammad Ghaffar, Cotirla Luminita-Ioana , Applications of Borel-Type Distributions Series to a Class of Janowski-Type Analytic Functions, SYMMETRY-BASEL , eISSN: 2073-8994 , Volume14, Issue2, Article Number322, DOI10.3390/sym14020322, PublishedFEB 2022	3	1	DA	Cotirla Luminita Ioana AC / MATH	Q2	2,666.7	2,667
58	Vaduva Bogdan, Pop Ionut-Flaviu, Valean Honoriu , One4all-A New SCADA Approach, SENSORS , eISSN: 1424-8220 , Volume22, Issue6, Article Number2415, DOI10.3390/s22062415, PublishedMAR 2022	3	1	NU	Valean Honoriu AC / AUT	Q1	2,666.7	2,667
59	Koposciuc (Pop)Bianca-Daniela , Sinuciderea Ednei Pontellier – Ilustrarea conflictului dintre interior și exterior, Annales Universitatis Apulensis. Series Philologica, ISSN: 1582-5523, vol.22, nr.2, ianuarie 2021 , pag. 261-268	1	1	NU	Koposciuc (Pop)Bianca-Daniela (Drd) LITERE / FSC (Cond. doctorat Darabus Carmen Cerasela)	ERIH PLUS	6,000.0	6,000
60	Mazilu Amalia, Popescu Violeta , Sarosi Codruta, Dumitrescu Radu Silaghi, Chisnoiu Andrea Maria, Moldovan Marioara, Dumitrescu Laura Silaghi, Prodan Doina, Carpa Rahela, Gheorghe Georgiana Florentina, Chisnoiu Radu Marce, Preparation and In Vitro Characterization of Gels Based on Bromelain, Whey and Quince Extract, GELS , eISSN: 2310-2861 , Volume7, Issue4, Article Number191, DOI10.3390/gels7040191, PublishedDEC 2021	11	2	NU	Popescu Violeta IMM / FIZCHIM	Q1	727.3	1,455
61	Moga Ligia, Petran, Ioan , Santos Paulo, Ungureanu Viorel, Thermo-Energy Performance of Lightweight Steel Framed Constructions: A Case Study, BUILDINGS , eISSN: 2075-5309 , Volume12, Issue3, Article Number321, DOI10.3390/buildings12030321, PublishedMAR 2022	4	2	DA	Moga Ligia CONSTR / CCM	Q2	2,000.0	4,000

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		TOTAL	UTCN					
62	Marian Daniela, Anamaria Ciplea Sorina, Lungu Nicolaie , Hyers-Ulam-Rassias Stability of Hermite's Differential Equation, MATHEMATICS , eISSN: 2227-7390 , Volume10, Issue6, Article Number964, DOI10.3390/math10060964, PublishedMAR 2022	3	2	NU	Marian Daniela AC / MATH	Q1	2,666.7	5,333
63	Chifu Viorica Rozina, Pop Cristina Bianca , Demjen David, Socaci Radu, Todea Daniel, Antal Marcel, Cioara Tudor, Anghel Ionut, Antal Claudia , Identifying and Monitoring the Daily Routine of Seniors Living at Home, SENSORS , eISSN: 1424-8220 , Volume22, Issue3, Article Number992, DOI10.3390/s22030992, PublishedFEB 2022	9	6	DA	Anghel Ionut AC / CALC	Q1	1,111.1	6,667
64	Dippong Thomas , Andrea Levei Erika, Grigore Deac Iosif, Petean Ioan, Cadar Oana, Dependence of Structural, Morphological and Magnetic Properties of Manganese Ferrite on Ni-Mn Substitution, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES , eISSN: 1422-0067 , Volume23, Issue6, Article Number3097, DOI10.3390/ijms23063097, PublishedMAR 2022	5	1	NU	Dippong Thomas STIINTE / CHIM-BIO	Q1	1,600.0	1,600
65	Salem Tareq, Dragomir Mihai , Options for and Challenges of Employing Digital Twins in Construction Management, APPLIED SCIENCES-BASEL , eISSN: 2076-3417 , Volume12, Issue6, Article Number2928, DOI10.3390/app12062928, PublishedMAR 2022	2	2	NU	Dragomir Mihai IIRMP / IPR	Q2	3,000.0	6,000
66	Birleanu Corina, Pustan Marius, Cioaza Mircea, Molea Andreia, Popa Florin, Contiu Glad , Effect of TiO2 nanoparticles on the tribological properties of lubricating oil: an experimental investigation, SCIENTIFIC REPORTS , ISSN: 2045-2322 , Volume12, Issue1, Article Number5201, DOI10.1038/s41598-022-09245-2, PublishedMAR 25 2022	6	6	NU	Birleanu Corina IIRMP / ISM	Q1	1,333.3	8,000

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		TOTAL	UTCN					
67	Akgul Arzu, Cotirla Luminita-Ioana , Coefficient Estimates for a Family of Starlike Functions Endowed with Quasi Subordination on Conic Domain, SYMMETRY-BASEL , eISSN: 2073-8994, Volume14, Issue3, Article Number582, DOI10.3390/sym14030582, PublishedMAR 2022	2	1	DA	Cotirla Luminita Ioana AC / MATH	Q2	4,000.0	4,000
68	Wanas Abbas Kareem, Cotirla Luminita-Ioana , <p>Applications of (M, N)-Lucas Polynomials on a Certain Family of Bi-Univalent Functions</p>, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue4, Article Number595, DOI10.3390/math10040595, PublishedFEB 2022	2	1	DA	Cotirla Luminita Ioana AC / MATH	Q1	5,000.0	5,000
69	Jecan Eusebiu , Pop Catalin, Ratiu Ovidiu, Puschita Emanuel , Predictive Energy-Aware Routing Solution for Industrial IoT Evaluated on a WSN Hardware Platform, SENSORS , eISSN: 1424-8220, Volume22, Issue6, Article Number2107, DOI10.3390/s22062107, PublishedMAR 2022	4	2	NU	Puschita Emanuel ETTI / COM	Q1	2,000.0	4,000
70	Suciu Vasile Mihai , Salcu Sorin Ionut, Pacuraru Alexandru Madalin, Pintilie Lucian Nicolae, Szekely Norbert Csaba, Teodosescu Petre Dorel, Independent Double-Boost Interleaved Converter with Three-Level Output, APPLIED SCIENCES-BASEL , eISSN: 2076-3417, Volume11, Issue13, Article Number5993, DOI10.3390/app11135993, PublishedJUL 2021	6	6	NU	Suciu Vasile Mihai IE / MAE	Q2	1,000.0	6,000
71	Bucsa Sorin, Serban Alexandru, Balan Mugur , Ionita Claudia, Nastase Gabriel, Dobre Catalina, Dobrovicescu Alexandru, Exergetic Analysis of a Cryogenic Air Separation Unit, ENTROPY , eISSN: 1099-4300, Volume24, Issue2, Article Number272, DOI10.3390/e24020272, PublishedFEB 2022	7	1	NU	Balan Mugur ARMM / IM	Q2	857.1	857
72	Crisan Horea-George , Serdean Florina, Birleanu Corina, Pustan Marius, Crisan Oana-Adriana, An Efficient Method for Testing the Quality of Drinking-Water Filters Used for Home Necessities, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH , eISSN: 1660-4601, Volume19, Issue7, Article Number4085, DOI10.3390/ijerph19074085, PublishedAPR 2022	5	4	NU	Crisan Horea-George IIRMP / ISM	Q1	1,600.0	6,400

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		TOTAL	UTCN					
73	Alkhaldi Ali H., Piscoran Laurian-Ioan , Abolarinwa Abimbola, Ali Akram, Characterization of Almost Yamabe Solitons and Gradient Almost Yamabe Solitons with Conformal Vector Fields, SYMMETRY-BASEL , eISSN: 2073-8994 , Volume13, Issue12, Article Number2362, DOI10.3390/sym13122362, PublishedDEC 2021, Indexed2022-04-13	4	1	DA	Piscoran Laurian-Ioan STIINTE / MATE-INFO	Q2	2,000.0	2,000
74	Monica Sur Ioana, Micle Valer, Terez Polyak Evelyn, Gabor Timea , Assessment of Soil Quality Status and the Ecological Risk in the Baia Mare, Romania Area, SUSTAINABILITY , eISSN: 2071-1050 Volume14, Issue7, Article Number3739, DOI10.3390/su14073739, PublishedAPR 2022	4	4	NU	Micle Valer IMM / IMADD	Q2	1,500.0	6,000
75	Wanas Abbas Kareem, Cotirla Luminita-Ioana , New Applications of Gegenbauer Polynomials on a New Family of Bi-Bazilevic Functions Governed by the q-Srivastava-Attiya Operator, MATHEMATICS , eISSN: 2227-7390 , Volume10, Issue8, Article Number1309, DOI10.3390/math10081309, PublishedAPR 2022	2	1	DA	Cotirla Luminita Ioana AC / MATH	Q1	5,000.0	5,000
76	Cetinkaya Asena, Cotirla Luminita-Ioana , Quasi-Hadamard Product and Partial Sums for Sakaguchi-Type Function Classes Involving q-Difference Operator, SYMMETRY-BASEL , eISSN: 2073-8994 , Volume14, Issue4, Article Number709, DOI10.3390/sym14040709, PublishedAPR 2022	2	1	DA	Cotirla Luminita Ioana AC / MATH	Q2	4,000.0	4,000
77	Mazilu Moldovan Amalia, Popescu Violeta , Ionescu Corina Violeta, Cuc Stanca, Craciun Antarinia, Moldovan Marioara, Dudea Diana, Mesaros Anca Stefania, Various Aspects Involved in the Study of Tooth Bleaching Procedure: A Questionnaire-Based Study, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH , eISSN: 1660-4601 , Volume19, Issue7, Article, Number3977, DOI10.3390/ijerph19073977, PublishedAPR 2022	8	2	NU	Popescu Violeta IMM / FIZCHIM	Q1	1,000.0	2,000

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		TOTAL	UTCN					
78	Talu Stefan , Kulesza Slawomir, Bramowicz Mirosław, Zhuyu Li, Surface texture and fractal analysis of cemented carbide cutting tools, MICROSCOPY RESEARCH AND TECHNIQUE , ISSN: 1059-910X, Volume85, Issue1, Page418-424, DOI10.1002/jemt.23886, PublishedJAN 2022	4	1	DA	Talu Stefan IMM / IMADD	Q1	2,500.0	2,500
79	Matos Robert SaraivA, da Fonseca Filho Henrique Duarte, Das Abhijeet, Kumar Sanjeev, Chawla Vipin, Talu Stefan , Stereometric analysis of Ti1xAlxN thin films deposited by direct current/radio frequency magnetron sputtering, MICROSCOPY RESEARCH AND TECHNIQUE , ISSN: 1059-910X , Volume85, Issue1, Page296-307, DOI10.1002/jemt.23905, PublishedJAN 2022	6	1	DA	Talu Stefan IMM / IMADD	Q1	1,666.7	1,667
80	Talu Stefan , Guzzo Pedro L., Salerno Marco, Bramowicz Mirosław, Kulesza Slawomir, Morphologic characterization and fractal analysis of lapped and polished surfaces of quartz single crystals, MICROSCOPY RESEARCH AND TECHNIQUE , ISSN: 1059-910X , Volume85, Issue2, Page721-727, DOI10.1002/jemt.23943, PublishedFEB 2022	5	1	DA	Talu Stefan IMM / IMADD	Q1	2,000.0	2,000
81	Talu Stefan , Boudour Samah, Bouchama Idris, Astinchap Bandar, Ghanbaripour Hamta, Akhtar Muhammad Saeed, Zahra Sarwat, MICROSCOPY RESEARCH AND TECHNIQUE , ISSN: 1059-910X , Volume85 Issue4, Page1213-1223, DOI10.1002/jemt.23988, PublishedAPR 2022	7	1	DA	Talu Stefan IMM / IMADD	Q1	1,428.6	1,429
82	Ramazanov Shikhgasan, Sobola, Dinara, Talu Stefan , Orudzev Farid, Arman Ali, Kaspar Pavel, Dallaev Rashid, Ramazanov Guseyn, Multiferroic behavior of the functionalized surface of a flexible substrate by deposition of Bi2O3 and Fe2O3, MICROSCOPY RESEARCH AND TECHNIQUE , ISSN: 1059-910X , Volume85, Issue4, Page1300-1310, DOI10.1002/jemt.23996, PublishedAPR 2022	8	1	DA	Talu Stefan IMM / IMADD	Q1	1,250.0	1,250

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		TOTAL	UTCN					
83	Khilji Irshad Ahamad, Saffe Siti Nadiah Binte Mohd, Pathak Sunil, Talu Stefan , Kulesza Slawomir, Bramowicz Mirosław, Reddy Venugopal Jayarama, Titanium Alloy Particles Formation in Electrical Discharge Machining and Fractal Analysis, JOM, ISSN: 1047-4838 , Volume74, Issue2, Page448-455, DOI10.1007/s11837-021-05090-2. Published FEB 2022	7	1	DA	Talu Stefan IMM / IMADD	Q2	1,142.9	1,143
84	Das Abhijee, Matos Robert Saraiva, Pinto Erveton Pinheiro, Yadav Ram Pratap, Talu Stefan , Kumar Sanjeev, 3D micromorphology-contact resistance-conductivity insights of quasi 2D Cd1-xPbS thin films: Investigation based on stereometric and fractal analysis, MATERIALS CHEMISTRY AND PHYSICS, ISSN: 0254-0584 , Volume278, Article Number125635, DOI10.1016/j.matchemphys.2021.125635, Published FEB 15 2022	6	1	DA	Talu Stefan IMM / IMADD	Q2	1,333.3	1,333
85	Talu Stefan , Pinto Erveton P., Matos Robert S., Zelati Amir, Solaymani Shahram, Shafiekhani Azizollah, Ghaderi Atefeh, Surface dynamics, fractal features, and micromorphology analysis of kefir biofilms, MICROSCOPY RESEARCH AND TECHNIQUE, ISSN: 1059-910X , Volume85, Issue5, Page1964-1975, DOI10.1002/ieamt.24059. Published MAY 2022	7	1	DA	Talu Stefan IMM / IMADD	Q1	1,428.6	1,429
86	Tofel Pavel, Castkova Klara, Riha David, Sobola Dinara, Papez Nikola, Kastyl Jaroslav, Talu Stefan , Hadas Zdenek, Triboelectric Response of Electrospun Stratified PVDF and PA Structures, NANOMATERIALS, eISSN: 2079-4991 , Volume12, Issue3, Article Number349, DOI10.3390/nano12030349, Published FEB 2022	8	1	DA	Talu Stefan IMM / IMADD	Q1	1,250.0	1,250
87	Pisarenko Tatiana, Papez Nikola, Sobola Dinara, Talu Stefan , Castkova Klara, Skarvada Pavel, Macku Robert, Scasnovic Erik, Kastyl Jaroslav, Comprehensive Characterization of PVDF Nanofibers at Macro- and Nanolevel, POLYMERS, eISSN: 2073-4360 , Volume14, Issue3, Article Number593, DOI10.3390/polym14030593. Published FEB 2022	9	1	DA	Talu Stefan IMM / IMADD	Q1	1,111.1	1,111
88	Quoc Tuan Tran, Long Van Cao, Talu Stefan , Trong Dung Nguyen, Molecular Dynamics Study on the Crystallization Process of Cubic Cu-Au Alloy, APPLIED SCIENCES-BASEL, eISSN: 2076-3417 , Volume12, Issue3, Article Number946, DOI10.3390/app12030946, Published FEB 2022	4	1	DA	Talu Stefan IMM / IMADD	Q2	2,000.0	2,000

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		TOTAL	UTCN					
89	Timis Daniel D., Muresan Cristina, I, Dulf Eva-H, Design and Experimental Results of an Adaptive Fractional-Order Controller for a Quadrotor, FRACTAL AND FRACTIONAL , eISSN: 2504-3110, Volume6, Issue4, Article Number204, DOI10.3390/fractalfract6040204, PublishedAPR 2022	3	3	NU	Dulf Eva-H AC / AUT	Q1	2,666.7	8,000
90	Varvara Simona, Berghian-Grosan Camelia, Damian Gianina, Popa Maria, Popa Florin , Combined Electrochemical, Raman Analysis and Machine Learning Assessments of the Inhibitive Properties of an 1,3,4-Oxadiazole-2-Thiol Derivative against Carbon Steel Corrosion in HCl Solution, MATERIALS , eISSN: 1996-1944, Volume15, Issue6, Article Number2224, DOI10.3390/ma15062224, PublishedMAR 2022	5	1	NU	POPA FLORIN IMM / SIM	Q1	1,600.0	1,600
91	Pollak Martin, Kocisko Marek, Petrus Jaroslav, Grozav Sorin Dumitru, Ceclan Vasile , Research into the Impact of Spindle Speed and Feed Rate Changes on the Life of a Deep-Drilling Technology Tool, MACHINES , eISSN: 2075-1702, Volume10, Issue4, Article Number268, DOI10.3390/machines10040268, PublishedAPR 2022	5	2	DA	Grozav Sorin Dumitru IIRMP / IF	Q2	1,600.0	3,200
92	Croitoru Cristiana, Bode Florin , Teodosiu Catalin, Catalina Tiberiu, Bejan Andrei-Stelian, Experimental investigation of an enhanced transpired air solar collector with embodied phase changing materials, JOURNAL OF CLEANER PRODUCTION , ISSN: 0959-6526, Volume336, Article Number130398, DOI10.1016/j.jclepro.2022.130398, PublishedFEB 15 2022	5	1	NU	BODE FLORIN ARMM / IM	Q1	1,600.0	1,600
93	Danca Paul, Cosoiu Costin Ioan, Nastase Ilinca, Bode Florin , Georgescu Matei Razvan, Personalized Ventilation as a Possible Strategy for Reducing Airborne Infectious Disease Transmission on Commercial Aircraft, APPLIED SCIENCES-BASEL , eISSN: 2076-3417, Volume12, Issue4, Article Number2088, DOI10.3390/app12042088, PublishedFEB 2022	5	1	NU	BODE FLORIN ARMM / IM	Q2	1,200.0	1,200

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		TOTAL	UTCN					
94	Breaz Daniel, Catas Adriana, Cotirla Luminita-Ioana , On the Upper Bound of the Third Hankel Determinant for Certain Class of Analytic Functions Related with Exponential Function, ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA , ISSN: 1224-1784, Volume30, Issue1, Page75-88, DOI10.2478/auom-2022-0005, PublishedFEB 2022	3	1	NU	Cotirla Luminita Ioana AC / MATH	Q2	2,000.0	2,000
95	Muresan Cristina, Birs Isabela R. , Copot Dana, Dulf Eva H. , Ionescu Clara M, Fractional-Order PI Controller Design Based on Reference-to-Disturbance Ratio, FRACTAL AND FRACTIONAL , eISSN: 2504-3110, Volume6, Issue4, Article Number224, DOI10.3390/fractalfract6040224, PublishedAPR 2022	5	3	DA	Muresan Cristina AC / AUT	Q1	2,000.0	6,000
96	Bodea Ioana M., Catunescu Giorgia M., Pop Carmen R., Fit Nicodim, David Adriana P., Dudescu Mircea C. , Stanila Andreea, Rotar Ancuta M., Beteg Florin, Antimicrobial Properties of Bacterial Cellulose Films Enriched with Bioactive Herbal Extracts Obtained by Microwave-Assisted Extraction, POLYMERS , eISSN: 2073-4360, Volume14, Issue7, Article Number1435, DOI10.3390/polym14071435, PublishedAPR 2022	9	1	NU	Dudescu Mircea ARMM / IM	Q1	888.9	889
97	Lopes Pompilia Mioara Purcea, Moldovan Dumitrita , Moldovan Marioara, Carpa Rahela, Sarosi Codruta, Pascuta Petru, Moldovan Amalia Mazilu, Fechete Radu, Popescu Violeta , New Composite Hydrogel Based on Whey and Gelatin Crosslinked with Copper Sulphate, MATERIALS , eISSN: 1996-1944, Volume15, Issue7, Article, Number2611, DOI10.3390/ma15072611, PublishedAPR 2022	9	6	NU	Popescu Violeta IMM / FIZCHIM	Q1	888.9	5,333
98	Acu Ana-Maria, Rasa Ioan , Functional equations related to Appell polynomials and Heun functions, ANALYSIS AND MATHEMATICAL PHYSICS , ISSN: 1664-2368, Volume12, Issue3, Article Number77, DOI10.1007/s13324-022-00687-5, PublishedJUN 2022	2	1	NU	Ioan Rasa AC / MATH	Q1	4,000.0	4,000

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
99	Acu Ana-Maria, Rasa Ioan, Steopoaie Ancuta Emilia , Algebraic Systems with Positive Coefficients and Positive Solutions, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue8, Article Number1327, DOI10.3390/math10081327, PublishedAPR 2022	3	2	NU	Ioan Rasa AC / MATH	Q1	2,666.7	5,333
100	Miclea Vlad-Cristian, Nedevschi Sergiu , Monocular Depth Estimation With Improved Long-Range Accuracy for UAV Environment Perception, IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING , ISSN: 0196-2892, Volume60, Article Number5602215, DOI10.1109/TGRS.2021.3060513, Published2022	2	2	NU	Miclea Vlad-Cristian AC / CALC	Q1	4,000.0	8,000
101	Safeer C. K., Nsibi Mohamed-Ali, Nath Jayshankar, Gabor Mihai Sebastian , Yang Haozhe, Joumard Isabelle, Auffret Stephane, Gaudin Gilles, Miron Ioan-Mihai, Effect of Chiral Damping on the dynamics of chiral domain walls and skyrmions, NATURE COMMUNICATIONS , eISSN: 2041-1723, Volume13, Issue1, Article Number1192, DOI10.1038/s41467-022-28815-6, PublishedMAR 7 2022	9	1	DA	Gabor Mihai Sebastian IMM / FIZCHIM	Q1	1,111.1	1,111
102	Baias Alina Ramona, Popa Dorian , On the Best Ulam Constant of the Linear Differential Operator with Constant Coefficients, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue9, Article Number1412, DOI10.3390/math10091412, PublishedMAY 2022	2	2	NU	Baias Alina Ramona AC / MATH	Q1	4,000.0	8,000
103	Covaci Mihnea Antoniu, Szolga Lorant Andras , Low-Voltage Plasma Generator Based on Standing Wave Voltage Magnification, SUSTAINABILITY , eISSN: 2071-1050, Volume14, Issue5, Article Number2890, DOI10.3390/su14052890, PublishedMAR 2022	2	1	NU	Szolga Lorant Andras ETTI / BE	Q2	3,000.0	3,000
104	Terenti Natalia, Giurgi Gavril-Ionel, Szolga Lorant , Stroia Ioan, Terec Anamaria, Grosu Ion, Crisan Andreea Petronela, Effect of the Terminal Acceptor Unit on the Performance of Non-Fullerene Indacenodithiophene Acceptors in Organic Solar Cells, MOLECULES , eISSN: 1420-3049, Volume27, Issue4, Article Number1229, DOI10.3390/molecules27041229, PublishedFEB 2022	7	2	NU	Szolga Lorant Andras ETTI / BE	Q2	857.1	1,714

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
105	Terenti Natalia, Giurgi Gavril-Ionel , Anghel Catalin, Bogdan Alexandra, Pop Alexandra, Stroia Ioan, Terec Anamaria, Szolga Lorant , Grosu Ion, Roncali Jean, Structure-properties of small donor-acceptor molecules for homojunction single-material organic solar cells, JOURNAL OF MATERIALS CHEMISTRY C , ISSN: 2050-7526, Volume10, Issue14, Page5716-5726, DOI10.1039/d2tc00430e, PublishedAPR 7 2022	10	2	NU	Szolga Lorant Andras ETTI / BE	Q1	800.0	1,600
106	Dippong Thomas , Cadar Oana, Levei Erika Andrea, Effect of Transition Metal Doping on the Structural, Morphological, and Magnetic Properties of NiFe2O4, MATERIALS , eISSN: 1996-1944, Volume15, Issue9, Article Number2996, DOI10.3390/ma15092996, PublishedMAY 2022	3	1	NU	Dippong Thomas STIINTE / CHIM-BIO	Q1	2,666.7	2,667
107	Muresan Iulia C., Harun Rezhen, Arion Felix H., Brata Anca Monica, Chereches Ioan Aurel , Chiciudean Gabriela O., Dumitras Diana E., Oroian Camelia F., Tirpe Olivia Paula, Consumers' Attitude towards Sustainable Food Consumption during the COVID-19 Pandemic in Romania, AGRICULTURE-BASEL , eISSN: 2077-0472, Volume11, Issue11, Article Number1050, DOI10.3390/agriculture11111050, PublishedNOV 2021	9	1	DA	Chereches Ioan Aurel ARMM / ART	Q1	1,111.1	1,111
108	Charai Mouatassim, Mezhrhab Ahmed, Moga Ligia , Karkri Mustapha, Hygrothermal, mechanical and durability assessment of vegetable concrete mixes made with Alfa fibers for structural and thermal insulating applications, CONSTRUCTION AND BUILDING MATERIALS , ISSN: 0950-0618, Volume335, Article Number127518, DOI10.1016/j.conbuildmat.2022.127518, PublishedJUN 13 2022	4	1	DA	Moga Ligia CONSTR / CCM	Q1	2,500.0	2,500
109	Granzotto Mathieu, Postoyan Romain, Busoniu Lucian , Nesic Dragan, Daafouz Jamal,Stable Near-Optimal Control of Nonlinear Switched Discrete-Time Systems: An Optimistic Planning-Based Approach, IEEE TRANSACTIONS ON AUTOMATIC CONTROL , ISSN: 0018-9286,Volume67, Issue5, Page2298-2313, DOI10.1109/TAC.2021.3077873, PublishedMAY 2022	5	1	DA	Busoniu Lucian AC / AUT	Q1	2,000.0	2,000

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
110	Ilutiu-Varvara Dana-Adriana, Aciu Claudiu , Metallurgical Wastes as Resources for Sustainability of the Steel Industry, SUSTAINABILITY , eISSN: 2071-1050, Volume14, Issue9, Article Number5488, DOI10.3390/su14095488, PublishedMAY 2022	2	2	NU	Aciu Claudiu CONSTR / CCM	Q2	3,000.0	6,000
111	Raza Mohsan, Malik Sarfraz Nawaz, Xin Qin, Din Muhey U., Cotirla Luminita-Ioana , On Kudriasov Conditions for Univalence of Integral Operators Defined by Generalized Bessel Functions, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue9, Article Number1361, DOI10.3390/math10091361, PublishedMAY 2022	5	1	DA	Cotirla Luminita Ioana AC / MATH	Q1	2,000.0	2,000
112	Motorga Roxana, Muresan Vlad, Unguresan Mihaela-Ligia, Abrudean Mihail, Valean Honoriu, Clitan Iulia , Artificial Intelligence in Fractional-Order Systems Approximation with High Performances: Application in Modelling of an Isotopic Separation Process, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue9, Article Number1459, DOI10.3390/math10091459, PublishedMAY 2022	6	6	NU	Valean Honoriu AC / AUT	Q1	1,333.3	8,000
113	Stoleru Cristian-Andrei (MASTERAND), Dulf Eva H. , Ciobanu Lidia, Automated detection of celiac disease using Machine Learning Algorithms, SCIENTIFIC REPORTS , ISSN: 2045-2322, Volume12, Issue1, Article Number4071, DOI10.1038/s41598-022-07199-z, PublishedMAR 8 2022	3	1	NU	Dulf Eva AC / AUT	Q1	2,666.7	2,667
114	Szabo Lorand , Fodor Denes, The Key Role of 3D Printing Technologies in the Further Development of Electrical Machines, MACHINES , eISSN: 2075-1702, Volume10, Issue5, Article Number330, DOI10.3390/machines10050330, PublishedMAY 2022	2	1	DA	Szabo Lorand IE / MAE	Q2	4,000.0	4,000

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
115	Avramescu Sorin Marius, Fierascu Irina, Fierascu Radu Claudiu, Brazdis Roxana Ioana, Nica Angel Vasile, Butean Claudia , Olaru Elena Alina, Ulinici Sorin, Verziu Marian Nicolae, Dumitru Anca, Removal of Paracetamol from Aqueous Solutions by Photocatalytic Ozonation over TiO2-MexOy Thin Films, NANOMATERIALS , eISSN: 2079-4991, Volume12, Issue4, Article Number613, DOI10.3390/nano12040613, PublishedFEB 2022	10	1	NU	Butean Claudia STIINTE / CHIM-BIO	Q2	600.0	600
116	Opraie Irina, Popa Dorian, Timbos Liana , The Best Ulam Constant of the Frechet Functional Equation, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue10, Article Number1769, DOI10.3390/math10101769, PublishedMAY 2022	3	3	NU	Timbos Liana AC / MATH	Q1	2,666.7	8,000
117	Maier Dorin , Perspective of using green walls to achieve better energy efficiency levels. A bibliometric review of the literature, ENERGY AND BUILDINGS , ISSN: 0378-7788, Volume264, Article Number112070, DOI10.1016/j.enbuild.2022.112070, PublishedJUN 1 2022	1	1	NU	Maier Dorin CONSTR / CCM	Q1	8,000.0	8,000
118	Aziz Ikmal Hakem, Abdullah Mohd Mustafa Al Bakri, Salleh Mohd Arif Anuar Mohd, Ming Liew Yun, Li Long Yuan, Sandu Andrei Victor, Vizureanu Petrica, Nemes Ovidiu , Mahdi Shaik Numan, Recent Developments in Steelmaking Industry and Potential Alkali Activated Based Steel Waste: A Comprehensive Review, MATERIALS , eISSN: 1996-1944, Volume15, Issue5, Article Number1948, DOI10.3390/ma15051948, PublishedJUN 1 2022	9	1	DA	Nemes Ovidiu IMM / IMADD	Q1	1,111.1	1,111
119	Denes Tunde-Orsolya, Istoan Raluca, Tamas-Gavrea Daniela Roxana, Manea Daniela Lucia , Hegyi Andreea, Popa Florin , Vasile Ovidiu, Analysis of Sheep Wool-Based Composites for Building Insulation, POLYMERS , eISSN: 2073-4360, Volume14, Issue10, Article Number2109, DOI10.3390/polym14102109, PublishedMAY 2022	7	4	NU	Istoan Raluca CONSTR / CCM	Q1	1,142.9	4,571

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
120	Pruteanu Lavinia-Lorena , Braicu Cornelia, Modos Dezso, Jurj Maria-Ancuta, Raduly Lajos-Zsolt, Zanoaga Oana, Magdo Lorand, Cojocneanu Roxana, Pasca Sergiu, Moldovan Cristian, Moldovan Alin Iulian, Tigu Adrian Bogdan, Gurzau Eugen, Jantschi Lorentz , Bender Andreas, Berindan-Neagoe Ioana, Targeting Cell Death Mechanism Specifically in Triple Negative Breast Cancer Cell Lines, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES , eISSN: 1422-0067, Volume23, Issue9, Article Number4784, DOI10.3390/ijms23094784, PublishedMAY 2022	16	2	DA	Pruteanu Lavinia-Lorena STIINTE / CHIM-BIO	Q1	625.0	1,250
121	Morariu-Gligor Radu Mircea , The Study of the Dynamic Behavior for a Tamping Rammer, SYMMETRY-BASEL , eISSN: 2073-8994, Volume14, Issue5, Article, Number980, DOI10.3390/sym14050980, PublishedMAY 2022	1	1	NU	Morariu-Gligor Radu Mircea IIRMP / ISM	Q2	6,000.0	6,000
122	Kajla Arun, Miclaus Dan , Modified Bernstein-Durrmeyer Type Operators, MATHEMATICS , eISSN: 2227-7390, Volume10, Issue11, Article Number1876, DOI10.3390/math10111876, PublishedJUN 2022	2	1	DA	Miclaus Dan STIINTE / MATE-INFO	Q1	5,000.0	5,000
123	Rus Tania , Cruciat Gheorghe, Nemeti Georgiana, Mare Roxana , Muresan Daniel, Thermal comfort in maternity wards: Summer vs. winter conditions, JOURNAL OF BUILDING ENGINEERING , eISSN: 2352-7102, Volume51, Article Number104356, DOI10.1016/j.jobbe.2022.104356, PublishedJUL 1 2022	5	2	NU	Rus Tania INS / INST	Q1	1,600.0	3,200
124	Negrean Iuliu, Crisan Adina, Serdean Florina , Vlase Sorin, New Formulations on Kinetic Energy and Acceleration Energies in Applied Mechanics of Systems, SYMMETRY-BASEL , eISSN: 2073-8994, Volume14, Issue5, Article Number896, DOI10.3390/sym14050896, PublishedMAY 2022	4	3	NU	Serdean Florina IIRMP / ISM	Q2	1,500.0	4,500

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cotă parte (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
125	Oneata Dan, Lorincz Beata, Stan Adriana , Cucu Horia, FlexLip: A Controllable Text-to-Lip System, SENSORS , eISSN: 1424-8220 , Volume22, Issue11, Article Number4104, DOI10.3390/s22114104, PublishedJUN 2022	4	1	NU	Stan Adriana ETTI / COM	Q1	2,000.0	2,000
126	Antal Marcel, Todorean Liana (MASTERAND), Cioara Tudor, Anghel Ionut , Hybrid Deep Neural Network Model for Multi-Step Energy Prediction of Prosumers, APPLIED SCIENCES-BASEL , eISSN: 2076-3417 , Volume12, Issue11, Article Number5346, DOI10.3390/app12115346, PublishedJUN 2022	4	3	NU	Anghel Ionut AC / CALC	Q2	1,500.0	4,500
127	Racz Laszlo, Dudescu Mircea Cristian , Numerical Investigation of the Infill Rate upon Mechanical Proprieties of 3D-Printed Materials, POLYMERS , eISSN: 2073-4360 , Volume14, Issue10, Article Number2022, DOI10.3390/polym14102022, PublishedMAY 2022	2	2	NU	Dudescu Mircea Cristian ARMM / IM	Q1	4,000.0	8,000
128	Pop Silvia Izabella, Dudescu Mircea , Mihali Sorin Gheorghe, Pacurar Mariana, Bratu Dana Cristina, Effects of Disinfection and Steam Sterilization on the Mechanical Properties of 3D SLA- and DLP-Printed Surgical Guides for	5	1	NU	Dudescu Mircea Cristian ARMM / IM	Q1	1,600.0	1,600
129	Collaboration Between Humans and Robots in Organizations: A Macroergonomic, Emotional, and Spiritual Approach, FRONTIERS IN PSYCHOLOGY , ISSN: 1664-1078 , Volume13, Article Number855768, DOI10.3389/fpsyg.2022.855768,	4	2	NU	Fireescu Violeta IIRMP / MIE	Q2	1,500.0	3,000
								0
TOTAL (LEI)								528,451