

GRANTURI SUPTOR ARTICOLE, BREVETE - PUBLICAȚII 2019

LISTA ARTICOLE PUBLICATE ÎN REVISTE INDEXATE WEB OF SCIENCE (ISI) CU FACTOR DE IMPACT (FI)

APROBAT IN CA din 24.09.2019

Nr.crt.	ARTICOL	Nr. Autori		Autori straini DA/NU	Autor UTCN depunere cerere	Clasificare articol	Valoare cota parte autor (Lei)	Valoare grant UTCN (Lei)
		TOTAL	UTCN					
1	Bolundut Liviu Calin; Pop Lidia ; Culea Eugen ; Pascuta Petru; Stefan Razvan, Borodi Gheorghe; Copper nanoparticles enhanced luminescence of Eu3+ doped lead tellurite glass ceramics; JOURNAL OF NON-CRYSTALLINE SOLIDS, ISSN: 0022-3093, Volume: 505, Pages: 9-17, DOI: 10.1016/j.jnoncrysol.2018.10.031, Published: FEB 1 2019	6	4	NU	Petru Pascuta Fac. IMM	Q1	1.083,3	4.333
2	Heilmann Margareta, Rasa Ioan , A Nice Representation for a Link Between Baskakov- and Szasz-Mirakjan-Durrmeyer Operators and Their Kantorovich Variants, RESULTS IN MATHEMATICS, ISSN: 1422-6383, Volume: 74 Issue: 1, Article Number: UNSP 9, DOI: 10.1007/s00025-018-0932-4, Published: MAR 2019	2	1	DA	Rasa Ioan Fac. AC	Q2	3.250,0	3.250
3	Aral Ali, Inoan Daniela, Rasa Ioan , Approximation properties of Szasz-Mirakyan operators preserving exponential functions, POSITIVITY, ISSN: 1385-1292, Volume: 23 Issue: 1 Pages: 233-246, DOI: 10.1007/s11117-018-0604-3, Published: FEB 2019	3	2	DA	Rasa Ioan Fac. AC	Q2	2.166,6	4.333
4	Acar Tuncer, Aral Ali, Rasa Ioan , Power Series of Positive Linear Operators, MEDITERRANEAN JOURNAL OF MATHEMATICS, ISSN: 1660-5446, Volume: 16 Issue: 2, Article Number: 43, DOI: 10.1007/s00009-019-1313-2, Published: APR 2019	3	1	DA	Rasa Ioan Fac. AC	Q1	2.833,0	2.833
5	Soimosan Teodora Melania ; Moga Ligia Mihaela; Danku Gelu ; Cazila Aurica; Manea Daniela Lucia; Assessing the Energy Performance of Solar Thermal Energy for Heat Production in Urban Areas: A Case Study, ENERGIES, ISSN: 1996-1073, Volume: 12 Issue: 6, Article Number: 1088, DOI: 10.3390/en12061088, Published: MAR 2 2019	5	5	NU	Soimosan Teodora Melania Fac. CONSTR	Q2	900,0	4.500

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		TOTAL	UTCN					
6	Achim Melinda Izabela , INTERTEXTUALITY AND ADVERTISING. FORMS OF INTERTEXTUALITY IN ROMANIAN ADVERTISING, JOURNAL OF ROMANIAN LITERARY STUDIES, Electronic ISSN: 2248-3004, vol. 16/2019 , pag. 318-322	1	1	NU	Achim Melinda Izabela Fac. LITERE	Erih int1	6.500,0	6.500
7	Peter Anca, Nicula Camelia, Mihaly-Cozmuta Leonard, Mihaly-Cozmuta Anca , New active package based on titania coated on cardboard for storage of fresh prepared orange juice, JOURNAL OF FOOD PROCESS ENGINEERING, ISSN: 0145-8876, Volume: 42 Issue: 2, Article Number: e12965, DOI: 10.1111/jfpe.12965, Published: APR 2019	4	4	NU	Anca Peter Fac. ȘTIINȚE	Q2	1.125,0	4.500
8	Pop Izabela Luiza, Ighian Diana, Toader Rita , Borza Anca, Buiga Anuta, Achieving Cultural Sustainability in Museums: A Step Toward Sustainable Development, SUSTAINABILITY, ISSN: 2071-1050, Volume: 11 Issue: 4, Article Number: 970, DOI: 10.3390/su11040970, Published: FEB 2 2019	5	3	NU	Pop Izabela Luiza Fac. ȘTIINȚE	Q2	900,0	2.700
9	Holhos Adrian , A sequence of positive linear operators related to powered Baskakov basis, CARPATHIAN JOURNAL OF MATHEMATICS, ISSN: 1584-2851, Volume: 35 Issue: 1 Pages: 51-58, WOS: 000460760300006, Published: 2019	1	1	NU	Holhos Adrian Fac. AC	Q2	4.500,0	4.500
10	Holhos Adrian , A Voronovskaya-Type Theorem for the First Derivatives of Positive Linear Operators, RESULTS IN MATHEMATICS, ISSN: 1422-6383, Volume: 74 Issue: 2, Article Number: UNSP 76, DOI: 10.1007/s00025-019-0992-0, Published: JUN 2019	1	1	NU	Holhos Adrian Fac. AC	Q2	4.500,0	4.500
11	Dippong Thomas ; Levei Erika Andrea ; Cadar Oana; Goga Firuta ; Toloman Dana ; Borodi Gheorghe; Thermal behavior of Ni, Co and Fe succinates embedded in silica matrix, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, ISSN: 1388-6150 , Volume: 136 Issue: 4 Pages: 1587-1596, DOI: 10.1007/s10973-019-08117-8, Published: MAY 2019	6	1	NU	Dippong Thomas Fac. ȘTIINȚE	Q2	750,0	750
12	Dippong Thomas ; Deac Iosif Grigore ; Cadar Oana ; Levei Erika Andrea ; Diamandescu Lucian ; Borodi Gheorghe; Effect of Zn content on structural, morphological and magnetic behavior of Zn _x Co _{1-x} Fe ₂ O ₄ /SiO ₂ nanocomposites; JOURNAL OF ALLOYS AND COMPOUNDS, ISSN: 0925-8388, Volume: 792 Pages: 432-443, DOI: 10.1016/j.jallcom.2019.04.059 Published: JUL 5 2019	6	1	NU	Dippong Thomas Fac. ȘTIINȚE	Q1	1.083,0	1.083

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13	Moga Radu-Andrei; Cosgarea Raluca; Buru Stefan Marius ;Chiorean Cosmin Gruia , Finite element analysis of the dental pulp under orthodontic forces, AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS, ISSN: 0889-5406 , Volume: 155 Issue: 4 Pages: 543-551, DOI: 10.1016/j.ajodo.2018.05.018, Published: APR 2019	4	2	NU	Buru Stefan Marius Fac. CONSTR	Q2	1.125,0	2.250
14	Munteanu Radu Adrian, Dulf Eva, Festila Clement, Munteanu Radu, Todoran Gheorghe Ion , Traductor electronic analogic pentru masurarea puterii in curent continuu, Brevet de inventie nr 128666 , eliberat in 29/11/2018, primit in 10/01/2019	5	5	NU	Munteanu Radu Fac. IE	BN	900,0	4.500
15	Sestras Paul; Nas Sanda; Bondrea Mircea; Galgau Raluca ; Veres Ioel; Salagean Tudor; Spalevic Velibor; Cimpeanu Sorin M, Bilasco Stefan; Rosca Sanda; Landslides Susceptibility Assessment Based on GIS Statistical Bivariate Analysis in the Hills Surrounding a Metropolitan Area, SUSTAINABILITY, ISSN: 2071-1050, Volume: 11 Issue: 5, Article Number: 1362, DOI: 10.3390/su11051362, Published: MAR 1 2019	10	4	DA	Sestras Paul Fac. CONSTR	Q2	650,0	2.600
16	Cahuantzi-Munoz Selene L., Gonzalez-Fuentes Miguel A. ;Ortiz-Frade Luis A.; Torres Eduardo, Talu Stefan ; Trejo G.; Mendez-Albores Alia, Electrochemical Biosensor for Sensitive Quantification of Glyphosate in Maize Kernels, ELECTROANALYSIS, ISSN: 1040-0397, Volume: 31 Issue: 5 Pages: 927-935, DOI: 10.1002/elan.201800759, Published: MAY 2019	7	1	DA	Talu Stefan Fac. IMM	Q2	929,0	929
17	Tucan Paul, Vaida Calin, Plitea Nicolae, Pislă Adrian , Carbone Giuseppe, Pislă Doina , Risk-Based Assessment Engineering of a Parallel Robot Used in Post-Stroke Upper Limb Rehabilitation, SUSTAINABILITY, ISSN: 2071-1050, Volume: 11 Issue: 10, Article Number: 2893, DOI: 10.3390/su11102893, Published: MAY 2 2019	6	5	DA	Doina Pislă Fac. CM	Q2	1.083,0	5.415
18	Micle Valer, Sur Monica, Damian Gianina Elena , Mobilization of Cu and Pb from multi-metal contaminated soils by dissolved humic substances extracted from leonardite and factors affecting the process, JOURNAL OF SOILS AND SEDIMENTS, ISSN: 1439-0108, Volume: 19 Issue: 7 Pages: 2869-2881, DOI: 10.1007/s11368-019-02291-w, Published: JUL 2019	3	3	NU	Micle Valer Fac. IMM	Q2	1.500,0	4.500

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19	Pintea Camelia-M , Calinescu Anisoara, Sitar Corina Pop; Pop Sitar Petrica , Towards secure & green two-stage supply chain networks, LOGIC JOURNAL OF THE IGPL, ISSN: 1367-0751, Volume: 27 Issue: 2 Pages: 137-148 Special Issue: SI, DOI: 10.1093/jigpal/jzy028 Published: APR 2019	4	3	DA	Pop Sitar Petrica Fac. STIINTE	Q2	1.625,0	4.875
20	Pascuta Petru, Bolundut Liviu, Pop Lidia, Culea Eugen , Borodi Gheorghe, Olar Loredana, Stefan Razvan, The impact of Ag and Cu nanoparticles on optical and magnetic properties of new Tb2O3-PbO-TeO2 glass ceramic system, JOURNAL OF ALLOYS AND COMPOUNDS, ISSN: 0925-8388 , Volume: 799 Pages: 442-449, DOI: 10.1016/j.jallcom.2019.05.316 Published: AUG 30 2019	7	4	NU	Pășcuță Petru Fac. IMM	Q1	928,5	3.714
21	Rada Simona, Culea Eugen , Rada Marius, Todoran Barbu Lucian, Erhan Raul, Bodnarchuk Viktor, Heterogeneities in the silver oxide-lead-germanate glasses, JOURNAL OF ALLOYS AND COMPOUNDS, ISSN: 0925-8388, Volume: 770 Pages: 395-404, DOI: 10.1016/j.jallcom.2018.08.128 Published: JAN 5 2019	6	2	DA	Rada Simona Fac. IMM	Q1	1.416,6	2.833
22	Barar Adina, Rasa Ioan , Mocanu Gabriela, Heun functions related to entropies, REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, ISSN: 1578-7303, Volume: 113 Issue: 2 Pages: 819-830, DOI: 10.1007/s13398-018-0516-x, Published: APR 2019	3	2	NU	Rașa Ioan Fac. AC	Q2	1.500,0	3.000
23	Akhtar W. ; Hrabec A. ; Chouaieb S.; Haykal A. ; Gross I ; Belmeguenai M ; Gabor M. S. ; Shields B ; Maletinsky P ; Thiaville A ; Rohart S ; Jacques V ; Current-Induced Nucleation and Dynamics of Skyrmions in a Co-based Hensler Alloy, PHYSICAL REVIEW APPLIED, ISSN: 2331-7019, Volume: 11 Issue: 3, Article Number: 034066, DOI: 10.1103/PhysRevApplied.11.034066, Published: MAR 27 2019	12	1	DA	Gabor Mihai Fac. IMM	Q1	708,0	708

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24	Belmeguenai M ; Roussigne Y ; Cherif SM ; Stashkevich A ; Petrisor T ; Nasui M ; Gabor MS ;Influence of the capping layer material on the interfacial Dzyaloshinskii-Moriya interaction in Pt/Co/capping layer structures probed by Brillouin light scattering, JOURNAL OF PHYSICS D-APPLIED PHYSICS, ISSN: 0022-3727, Volume: 52 Issue: 12, Article Number: 125002, DOI: 10.1088/1361-6463/aafdf5, Published: MAR 20 2019	7	3	DA	Gabor Mihai Fac. IMM	Q2	929,0	2.787
25	Dippong Thomas , Goga Firuta, Levei Erika, Cadar Oana, Influence of zinc substitution with cobalt on thermal behaviour, structure and morphology of zinc ferrite embedded in silica matrix, JOURNAL OF SOLID STATE CHEMISTRY, ISSN: 0022-4596, Volume: 275 Pages: 159-166, DOI: 10.1016/j.jssc.2019.04.011 Published: JUL 2019	4	1	NU	Dippong Thomas Fac. ȘTIINȚE	Q2	1.125,0	1.125
26	Estrada-Manzo V.; Lendek ZSOFIA ; Guerra TM, An alternative LMI static output feedback control design for discrete-time nonlinear systems represented by Takagi-Sugeno models, ISA TRANSACTIONS, ISSN: 0019-0578, Volume: 84 Pages: 104-110, DOI: 10.1016/j.isatra.2018.08.025 Published: JAN 2019	3	1	DA	Lendek Zsofia Fac. AC	Q1	2.833,0	2.833
27	Holhos Adrian , Voronovskaya theorem for a sequence of positive linear operators related to squared Bernstein polynomials, POSITIVITY, ISSN: 1385-1292, Volume: 23 Issue: 3 Pages: 571-580, DOI: 10.1007/s11117-018-0625-y, Published: JUL 2019	1	1	NU	Holhos Adrian Fac. AC	Q2	4.500,0	4.500
28	Stach Sebastian, Talu Stefan , Gluchaczka Alicja, Siek Patrycja, Zajac Joanna, Tavazzi Silvia, Microscopic investigations of surface texture of siloxane-hydrogel contact lenses, POLYMER ENGINEERING AND SCIENCE, ISSN: 0032-3888, Volume: 59 Pages: E442-E451 Special Issue: 2, DOI: 10.1002/pen.25080, Published: MAR 2019	6	1	DA	Talu Stefan Fac. IMM	Q2	1.083,0	1.083
29	Talu Stefan , Morozov Ilya A, Yadav Ram Pratap, Multifractal analysis of sputtered indium tin oxide thin film surfaces, APPLIED SURFACE SCIENCE, ISSN: 0169-4332, Volume: 484 Pages: 892-898, DOI: 10.1016/j.apsusc.2019.04.170, Published: AUG 1 2019	3	1	DA	Talu Stefan Fac. IMM	Q1	2.833,0	2.833

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		TOTAL	UTCN					
30	Anitas Eugen Mircea, Marcelli Giorgia, Szakacs Zsolt, Todoran Radu, Todoran Daniela , Structural Properties of Vicsek-like Deterministic Multifractals, SYMMETRY-BASEL, ISSN: 2073-8994, Volume: 11 Issue: 6, Article Number: 806, DOI: 10.3390/sym11060806 Published: JUN 2019	5	3	DA	Szakacs Zsolt Fac. ȘTIINȚE	Q2	1.300,0	3.900
31	Birs Isabela ; Muresan Cristina,Nascu Ioan, Ionescu Clara , A Survey of Recent Advances in Fractional Order Control for Time Delay Systems, IEEE ACCESS, ISSN: 2169-3536, Volume: 7 Pages: 30951-30965, DOI: 10.1109/ACCESS.2019.2902567 Published: 2019	4	4	NU	Birs Isabela Fac. AC	Q1	1.625,0	6.500
32	Yin Xi-Tao; Zhou Wen-Dong; Li Jing; Lv Pin; Wang Qi; Wang Dong; Wu Fa-yu; Dastan Davoud; Garmestani Hamid; Shi Zhicheng; Talu Stefan , Tin dioxide nanoparticles with high sensitivity and selectivity for gas sensors at sub-ppm level of hydrogen gas detection, JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, ISSN: 0957-4522, Volume: 30 Issue: 15 Pages: 14687-14694, DOI: 10.1007/s10854-019-01840-w, Published: AUG 2019	11	1	DA	Talu Stefan Fac. IMM	Q2	591,0	591
33	Prica Calin-Virgiliu; Marinca Traian Florin; Neamtu Bogdan-Viorel; Popa Florin; Popescu Violeta; Chicinas Ionel ; Structural and thermal investigation of Ta-25 mass% Cu alloy prepared by mechanosynthesis route, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, ISSN: 1388-6150, Volume: 136 Issue: 3 Pages: 995-1001, DOI: 10.1007/s10973-018-7816-4, Published: MAY 2019	6	6	NU	Prica Calin- Virgiliu Fac. IMM	Q2	750,0	4.500
34	Feng Guoxi; Busoniu Lucian ; Guerra Thierry-Marie; Mohammad Sami; Data-Efficient Reinforcement Learning for Energy Optimization of Power-Assisted Wheelchairs, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, ISSN: 0278-0046, Volume: 66 Issue: 12 Pages: 9734-9744, DOI: 10.1109/TIE.2019.2903751, Published: DEC 2019	4	1	DA	Busoniu Lucian Fac. AC	Q1	2.125,0	2.125
35	Husty Manfred; Birlescu Iosif; Tucan Paul; Vaida Calin;Pisla Doina ; An algebraic parameterization approach for parallel robots analysis, MECHANISM AND MACHINE THEORY, ISSN: 0094-114X, Volume: 140 Pages: 245-257, DOI: 10.1016/j.mechmachtheory.2019.05.024 Published: OCT 2019	5	4	DA	Pisla Doina Fac. CM	Q1	1.700,0	6.800

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		TOTAL	UTCN					
36	De Keyser Robin; Muresan Cristina ; Ionescu Clara M.; Universal Direct Tuner for Loop Control in Industry, IEEE ACCESS, ISSN: 2169-3536, Volume: 7 Pages: 81308-81320, DOI: 10.1109/ACCESS.2019.2921870 Published: 2019	3	1	DA	Muresan Cristina Fac. AC	Q1	2.833,0	2.833
37	Har Nicolae; Lazarean Alexandru; Iliescu Mihai; Ciont Nicolae; Abrudan Ioan Florin ; Degradation processes of iron-sulfides and calcite containing aggregates from asphaltic mixtures, CONSTRUCTION AND BUILDING MATERIALS, ISSN: 0950-0618, Volume: 212 Pages: 745-754 DOI: 10.1016/j.conbuildmat.2019.04.018 Published: JUL 10 2019	5	3	NU	Ciont Nicolae Fac. CONSTR	Q1	1.300,0	3.900
38	Boey Hannelore; Verfaillie Stefaan; Natsakis Tassos ; Vander Sloten Jos; Jonkers Ilse; Augmented Ligament Reconstruction Partially Restores Hindfoot and Midfoot Kinematics After Lateral Ligament Ruptures , AMERICAN JOURNAL OF SPORTS MEDICINE, ISSN: 0363-5465, Volume: 47 Issue: 8 Pages: 1921-1930, DOI: 10.1177/0363546519848421, Published: JUL 2019	5	1	DA	Natsakis Tassos Fac. AC	Q1	1.700,0	1.700
39	Wojciechowski Tomasz; Rozmyslowska-Wojciechowska Anita; Matyszcak Grzegorz; Wrzeczionek Michal; Olszyna Andrzej; Peter Anca; Mihaly-Cozmuta Anca; Nicula Camelia; Mihaly-Cozmuta Leonard ; Podsiadlo, Slawomir; Basiak, Dariusz; Ziemkowska, Wanda; Jastrzebska, Agnieszka; Ti2C MXene Modified with Ceramic Oxide and Noble Metal Nanoparticles: Synthesis, Morphostructural Properties, and High Photocatalytic Activity, INORGANIC CHEMISTRY, ISSN: 0020-1669, Volume: 58 Issue: 11 Pages: 7602-7614, DOI: 10.1021/acs.inorgchem.9b01015, Published: JUN 3 2019	13	4	DA	Peter Anca Fac. ȘTIINȚE	Q1	653,8	2.615
40	Pop Claudia, Antal Marcel, Cioara Tudor, Anghel Ionut, Sera David, Salomie Ioan , Raveduto Giuseppe, Ziu Denisa, Croce Vincenzo, Bertoncini, Massimo, Blockchain-Based Scalable and Tamper-Evident Solution for Registering Energy Data, SENSORS, ISSN: 1424-8220, Volume: 19 Issue: 14 Article Number: 3033, DOI: 10.3390/s19143033 Published: JUL 12 2019	10	6	DA	Anghel Ionut Fac. AC	Q1	850,0	5.100

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		TOTAL	UTCN					
41	Nasui Mircea, Petrisor Traian Jr, Mos Ramona, Mesaros Amalia, Gabor Mihai, Ciontea Lelia, Petrisor Traian, Metoda chimica de obtinere a filmelor epitaxiale de manganit de lantan dopat cu strontiu La0.66Sr0.33MnO3(LSMO), Brevet de inventie Nr. 131325 , Data eliberarii 30/10/2018	7	7	NU	Mircea Nasui Fac. IMM	BN	642,8	4.500
TOTAL (LEI)								139.332