

## GRANTURI SUPTOR ARTICOLE - PUBLICAȚII, BREVETE

### LISTĂ ARTICOLE PUBLICATE ÎN REVISTE INDEXATE WEB OF SCIENCE (ISI) CU FACTOR DE IMPACT (FI), BREVETE APROBATĂ ÎN CA din 27.04.2021

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	Sattari Mohammad Taghi, <b>Avram Anca</b> , Apaydin Halit, <b>Matei Oliviu</b> , Soil Temperature Estimation with Meteorological Parameters by Using Tree-Based Hybrid Data Mining Models, MATHEMATICS, ISSN: eISSN: 2227-7390, Volume: 8 Issue: 9, Article Number: 1407, DOI: 10.3390/math8091407, Published: <b>SEP 2020</b>	4	2	DA	Oliviu Matei Fac. Inginerie Dep. IEEC	Q1	2.500,0	5.000
2	<b>Avram, Anca</b> [ 1 ] ; <b>Matei, O (Matei, Oliviu)</b> [ 1,2 ] ; <b>Pintea, C (Pintea, Camelia)</b> [ 3 ] ; <b>Anton, C (Anton, Carmen)</b> , Innovative Platform for Designing Hybrid Collaborative & Context-Aware Data Mining Scenarios, MATHEMATICS, ISSN: eISSN: 2227-7390, Volume: 8 Issue: 5, Article Number: 684, DOI: 10.3390/math8050684, Published: <b>MAY 2020</b>	4	4	NU	Oliviu Matei Fac. Inginerie Dep. IEEC	Q1	2.000,0	8.000
3	Boncalo, O (Boncalo, Oana)[ 1 ] ; Amaricai, A (Amaricai, Alexandru)[ 1 ] ; Lendek, Z ( <b>Lendek, Zsofia</b> )[ 2 ], Fault Tolerant Digital Data-Path Design via Control Feedback Loops, ELECTRONICS, ISSN: eISSN: 2079-9292, Volume: 9 Issue: 10, Article Number: 1721, DOI: 10.3390/electronics9101721, Published: <b>OCT 2020</b>	3	1	NU	Lendek Zsofia Fac. AC Dep. AUT	Q2	2.000,0	2.000
4	<b>Ungureanu Miorita, Stoicovici Dinu Ioan, Ungurean Nicolae Stelian</b> , Marina Marian Gabriel, Brevet National nr <b>133200/28.08.2020</b> , Sistem de fixare a sticlelor de plastic pentru aparate rotative de testare a etanseitatii.	4	3	NU	Ungureanu Miorita Fac. Inginerie Dep. IMTech	BN	1.125,0	3.375

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		TOTAL	UTCN					
5	Ilea, V (Ilea, Veronica)[ 1 ] ; <b>Otrocol, D (Otrocol, Diana)</b> , Existence and Uniqueness of the Solution for an Integral Equation with Supremum, via w-Distances, SYMMETRY-BASEL, ISSN: eISSN: 2073-8994, Volume: 12 Issue: 9, Article Number: 1554, DOI: 10.3390/sym12091554, <b>Published:SEP 2020</b>	2	1	NU	Otrocol Diana Fac. AC Dep. MATH	Q2	3.000,0	3.000
6	Dascalu (Rusu), Laura Monica[ 1 ] ; Moldovan, Marioara)[ 2 ] ; Prodan, Doina 2 ] ; Ciotlaus, Irina ; <b>Popescu, Violeta</b> [ 3 ] ; Baldea, Ioana ; Carpa, Rahela ; Sava, Sorina ; Chifor, Radu ; Badea, Mindra Eugenia, Assessment and Characterization of Some New Photosensitizers for Antimicrobial Photodynamic Therapy (aPDT), MATERIALS, ISSN: eISSN: 1996-1944, Volume: 13 Issue: 13, Article Number: 3012, DOI: 10.3390/ma13133012, <b>Published:JUL 2020</b>	10	1	NU	Popescu Violeta Fac. IMM Dep. FIZCHIM	Q2	600,0	600
7	Voina, Corina ; Delean, Ada ; Muresan, Adriana ; Valeanu, Madalina ; <b>Moldovan, Amalia Mazilu ; Popescu, Violeta</b> ; Petean, Ioan ; Ene, Razvan ; Moldovan, Marioara ; Pandrea, Stanca, Antimicrobial Activity and the Effect of Green Tea Experimental Gels on Teeth Surfaces, COATINGS, ISSN: eISSN: 2079-6412, Volume: 10 Issue: 6, Article Number: 537, DOI: 10.3390/coatings10060537, <b>Published:JUN 2020</b>	10	2	NU	Popescu Violeta Fac. IMM Dep. FIZCHIM	Q2	600,0	1.200
8	<b>Ticala, Cristina; Zelina, Ioana ; Pinte, Camelia-M</b> , Admissible Perturbation of Demicontractive Operators within Ant Algorithms for Medical Images Edge Detection, MATHEMATICS, ISSN: eISSN: 2227-7390, Volume: 8 Issue: 6, Article Number: 1040, DOI: 10.3390/math8061040, <b>Published: JUN 2020</b>	3	3	NU	Ticala Cristina Fac. Stiinte Dep. MATE-INFO	Q1	2.666,7	8.000
9	Ali, Akram ; Mofarreh, Fatemah ; Alluhaibi, Nadia ; <b>Piscoran, Laurian-Ioan</b> , Null homology in warped product Lagrangian submanifolds of the nearly Kaehler S-6 and its applications, JOURNAL OF GEOMETRY AND PHYSICS, ISSN: 0393-0440, Volume: 158, Article Number: 103859, DOI: 10.1016/j.geomphys.2020.103859, <b>Published:DEC 2020</b>	4	1	DA	Piscoran Laurian Ioan Fac. Stiinte Dep. MATE-INFO	Q2	2.000,0	2.000

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		TOTAL	UTCN					
10	Ali, Akram ; Alkhalidi, Ali H. ; <b>Piscoran, Laurian-Ioan</b> , Stable currents and homology groups in a compact CR-warped product submanifold with negative constant sectional curvature, JOURNAL OF GEOMETRY AND PHYSICS, ISSN: 0393-0440, Volume: 148, Article Number: 103566, DOI: 10.1016/j.geomphys.2019.103566, <b>Published:FEB 2020</b>	3	1	DA	Piscoran Laurian Ioan Fac. Stiinte Dep. MATE-INFO	Q2	2.666,7	2.667
11	Fischer, Thorsten ; <b>Demco, Dan E. ; Fechete, Radu</b> ; Moeller, Martin ; Singh, Smriti, Poly(vinylamine-co-N-isopropylacrylamide) linear polymer and hydrogels with tuned thermoresponsivity, SOFT MATTER, ISSN: 1744-683X, Volume: 16 Issue: 28 Pages: 6549-6562, DOI: 10.1039/d0sm00408a, <b>Published: JUL 28 2020</b>	5	2	DA	Fechete Radu Fac. IMM Dep. FIZCHIM	Q1	2.000,0	4.000
12	<b>Bere Paul, Neamtu Calin</b> , Udroi Razvan, Novel Method for the Manufacture of Complex CFRP Parts Using FDM-based Molds, POLYMERS, ISSN: eISSN: 2073-4360, Volume: 12 Issue: 10, Article Number: 2220, DOI: 10.3390/polym12102220, <b>Published: OCT 2020</b>	3	2	NU	BERE PAUL Fac. CM Dep. IF	Q1	2.666,7	5.333
13	Nan Monica Irina, Lakatos Eszter, Giurgi Gavril-Ionel, <b>Szolga Lorant</b> , Po Riccardo, Terec Anamaria, Jungsuttiwong Siriporn, Grosu Ion, Roncali, Jean, Mono- and di-substituted pyrene-based donor-pi-acceptor systems with phenyl and thienyl pi-conjugating bridges, DYES AND PIGMENTS, ISSN: 0143-7208, Volume: 181, Article Number: 108527, DOI: 10.1016/j.dyepig.2020.108527, <b>Published: OCT 2020</b>	9	1	DA	Szolga Lorant Fac. ETTI Dep. BE	Q1	1.111,0	1.111
14	Fleseriu Cristina, Cosma Smaranda Adina, <b>Bocanet Vlad</b> , Values and Planned Behaviour of the Romanian Organic Food Consumer, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 12 Issue: 5, Article Number: 1722, DOI: 10.3390/su12051722, <b>Published: MAR 1 2020</b>	3	1	NU	Bocanet Vlad Fac. CM Dep. IF	Q2	2.000,0	2.000

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		TOTAL	UTCN					
15	<b>Radulescu Corina M.</b> , Slava Svitlana, <b>Radulescu Adrian T.</b> , <b>Toader Rita</b> , Toader Diana-Cezara, <b>Boca Gratiela Dana</b> , A Pattern of Collaborative Networking for Enhancing Sustainability of Smart Cities, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 12 Issue: 3, Article Number: 1042, DOI: 10.3390/su12031042, <b>Published: FEB 2020</b>	6	4	DA	Radulescu Corina Fac. Stiinte Dep. Stiinte Ec. si Fizica	Q2	1.333,3	5.333
16	Cadariu Liviu, <b>Popa Dorian</b> , <b>Rasa Ioan</b> , Ulam Stability of a Second Linear Differential Operator with Nonconstant Coefficients, SYMMETRY-BASEL, ISSN: eISSN: 2073-8994, Volume: 12 Issue: 9, Article Number: 1451, DOI: 10.3390/sym12091451, <b>Published: SEP 2020</b>	3	2	NU	Popa Dorian Fac. AC Dep. MATH	Q2	2.000,0	4.000
17	<b>Talu Stefan</b> ; Astinchap, Bandar; Abdolghaderi, Senour; Shafiekhani, Azizollah; Morozov, Ilya A, Multifractal investigation of Ag/DLC nanocomposite thin films, Scientific reports, ISSN: 2045-2322, Volume: 10 Issue: 1 Pages: 22266, DOI: 10.1038/s41598-020-79455-z, <b>Published: 2020 Dec 17</b>	5	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q1	2.000,0	2.000
18	Nica, Cristina; <b>Almasan, Victor-Petru</b> ; <b>Groza, Adrian</b> , FastRCA-Seq: An efficient approach for extracting hierarchies of multilevel closed partially-ordered patterns, KNOWLEDGE-BASED SYSTEMS, ISSN: 0950-7051, Volume: 210, Article Number: 106533, DOI: 10.1016/j.knosys.2020.106533, <b>Published: DEC 27 2020</b>	3	2	NU	Groza Adrian Fac. AC Dep. CA	Q1	2.666,7	5.333
19	<b>Talu Stefan</b> , Saglam Haci, Kus Recai, Bramowicz Mirosław, Kulesza Sławomir, Experimental investigations of threads surface integrity manufactured by cutting insert and with internal thread rolling head, CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY, ISSN: 1755-5817, Volume: 31 Pages: 334-341, DOI: 10.1016/j.cirpj.2020.06.007, <b>Published: NOV 2020</b>	5	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q2	1.600,0	1.600

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		TOTAL	UTCN					
20	Beldean-Galea Mihail Simion, Dicu Tiberius, Cucos Alexandra, Burghel Bety-Denissa, Catalina Tiberiu, <b>Botos Marius</b> , Tenter Ancuta, Szacsvai Kinga, Lupulescu Alexandru, Pap Istvan, Dobrei Gabriel, Moldovan Mircea, Tunyagi Arthur, Florica Stefan, Panescu Vlad, Sainz Carlos, Evaluation of indoor air pollutants in 100 retrofit residential buildings from Romania during cold season, JOURNAL OF CLEANER PRODUCTION, ISSN: 0959-6526, Volume: 277, Article Number: 124098, DOI: 10.1016/j.jclepro.2020.124098, <b>Published: DEC 20 2020</b>	16	1	DA	Botos Marius Fac. Constr Dep. MECOM	Q1	625,0	625
21	Burghel, BD; <b>Botos, M</b> ; Beldean-Galea, S ; Cucos, A ; Catalina, T ; Dicu, T; Dobrei, G ; Florica, S ; Istrate, A ; Lupulescu, A ; Moldovan, M ; Nita, D ; Papp, B ; Pap, I ; Szacsvai, K ; Sainz, C ; Tunyagi, A ; Tenter, A, Comprehensive survey on radon mitigation and indoor air quality in energy efficient buildings from Romania, SCIENCE OF THE TOTAL ENVIRONMENT, ISSN: 0048-9697, Volume: 751, Article Number: 141858, DOI: 10.1016/j.scitotenv.2020.141858, <b>Published: JAN 10 2021</b>	18	1	DA	Botos Marius Fac. Constr Dep. MECOM	Q1	555,5	556
22	Attouch Hedy, <b>Laszlo Szilard Csaba</b> , NEWTON-LIKE INERTIAL DYNAMICS AND PROXIMAL ALGORITHMS GOVERNED BY MAXIMALLY MONOTONE OPERATORS, SIAM JOURNAL ON OPTIMIZATION, ISSN: 1052-6234, Volume: 30 Issue: 4 Pages: 3252-3283, DOI: 10.1137/20M1333316, <b>Published:2020</b>	2	1	DA	Laszlo Szilard Csaba Fac. AC Dep. MATH	Q1	5.000,0	5.000
23	<b>Sonher, Ramona Bianca</b> ; Varga, Richard Attila ; <b>Nasui, Mircea; Petrisor, Traian ; Gabor, Mihai Sebastian</b> ; Senila, Marin ; Rufoloni, Alessandro ; <b>Petrisor, Traian; Ciontea, Lelia</b> , Single Source Precursor for PAD-LaMnO3 Thin Films, CRYSTALS, ISSN: 2073-4352, Volume: 10 Issue: 9, Article Number: 851, DOI: 10.3390/cryst10090851, <b>Published:SEP 2020</b>	9	6	DA	Mos Ramona - Fac. IMM , DEP FIZCHIM	Q2	888,9	5.333

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		TOTAL	UTCN					
24	Benguettat-El Mokhtari ; Ourdani, D.; Roussigne, Y ; <b>Mos, R. B. ; Nasui, M.</b> ;Cherif, S. M.; Stachkevich, A. ; <b>Gabor, M. S.</b> ;Belmeguenai, M., Investigation of the correlation between perpendicular magnetic anisotropy, spin mixing conductance and interfacial Dzyaloshinskii-Moriya interaction in CoFeB-based systems, JOURNAL OF PHYSICS D-APPLIED PHYSICS, Volume: 53 Issue: 50, Article Number: 505003, DOI: 10.1088/1361-6463/abb488, <b>Published: DEC 9 2020</b>	9	3	DA	Mos Ramona Fac. IMM DEP FIZCHIM	Q2	888,9	2.667
25	Benguettat-El Mokhtari, I; Ourdani, D. ; Roussigne, Y. ; <b>Mos, R. B. ; Nasui, M.</b> ; Kail, F.; Chahed, L ; Cherif, S. M.; Stashkevich, A. ; <b>Gabor, M.</b> ; Belmeguenai, M;Perpendicular magnetic anisotropy and interfacial Dzyaloshinskii-Moriya interaction in as grown and annealedX/Co/Yultrathin systems, JOURNAL OF PHYSICS-CONDENSED MATTER, ISSN: 0953-8984, Volume: 32 Issue: 49,Article Number: 495802, DOI: 10.1088/1361-648X/abb0a8, <b>Published: NOV 25 2020</b>	11	3	DA	Mos Ramona Fac. IMM DEP FIZCHIM	Q2	727,3	2.182
26	Armenio, A. Angrisani ; Piperno, L ; <b>Petrisor, T.</b> , Jr. ; Vannozzi, A. ; Pinto, V ; Rizzo, F. ; Augieri, A; Mancini, A ; Rufoloni, A ; <b>Mos, RB B.; Ciontea, L ; Petrisor, T.</b> ; Sotgiu, G; Celentano, G;Nanostructured templates for critical current density enhancement in YBa(2)Cu(3)O(7-x)films, SUPERCONDUCTOR SCIENCE & TECHNOLOGY, ISSN: 0953-2048, Volume: 33 Issue: 9, Article Number: 094003, DOI: 10.1088/1361-6668/ab9f65, <b>Published: SEP 2020</b>	14	4	DA	Mos Ramona Fac. IMM DEP FIZCHIM	Q2	571,4	2.286
27	<b>Borda Monica Elena, Terebes Romulus Mircea, Malutan Emil Raul</b> , Tornea Olga, <b>Brevet National de Inventie nr 129751/30.12.2020</b> , METODĂ ȘI SISTEM DE CRIPTAREDE TIP OTP BAZATE PE SECVENȚEALEATOARE DETERMINATE DIN STRUCTURI ADN,	4	3	DA	Terebes Romulus Fac. ETTI Dep. COM	BN	1.125,0	3.375

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		TOTAL	UTCN					
28	<b>Cioara Tudor, Antal Marcel, Antal (Pop) Claudia Daniela, Anghel Ionut, Bertoncini Massimo, Arnone Diego, Lazzaro Marilena, Mammina Marzia, Velivassaki Terpsichori-Helen, Voulkidis Artemis, Ricordel Yoann, Saintherant Nicolas, Oleksiak Ariel, Piatek Wojciech, Data Centers Optimized Integration with Multi-Energy Grids: Test Cases and Results in Operational Environment, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 12 Issue: 23, Article Number: 9893, DOI: 10.3390/su12239893, Published: DEC 2020</b>	14	4	DA	Anghel Ionut Fac. AC Dep. CA	Q2	571,4	2.286
29	<b>Corina Radu 1,2, Petra Fisher 1, Delia Mitrea 3 , Iosif Birlescu 3,* , Tiberiu Marita 3 ,Flaviu Vancea 3, Vlad Florian 3, Cristian Tefas 1,2, Radu Badea 2, Horia Stefanescu 1,Sergiu Nedevschi 3, Doina Pisla 3,* and Nadim Al Hajjar 1,2, Integration of Real-Time Image Fusion in the Robotic-Assisted Treatment of Hepatocellular Carcinoma, BIOLOGY-BASEL, ISSN: eISSN: 2079-7737, Volume: 9 Issue: 11, Article Number: 397, DOI: 10.3390/biology9110397, Published: NOV 2020</b>	13	7	NU	PISLA DOINA Fac. CM Dep. ISM	Q1	615,4	4.308
30	<b>Vermesan Horatiu, Chira Mihail,Brevet National nr130906/30.12.2020, Stand pentru studiul Tribocoroziunii,</b>	2	1	NU	Vermesan Horatiu Fac. IMM Dep. IMADD	BN	2.250,0	2.250
31	<b>Vermesan Horatiu, Mangau Alexandrina, Tiuc Ancuta-Elena, Perspectives of Circular Economy in Romanian Space, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 12 Issue: 17, Article Number: 6819, DOI: 10.3390/su12176819, Published: SEP 2020</b>	3	3	NU	Vermesan Horatiu Fac. IMM Dep. IMADD	Q2	2.000,0	6.000

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		TOTAL	UTCN					
32	Calborean Adrian, Macavei Sergiu, Mocan Mihaela, Ciuce Catalin, Cordos Adrian, Bintintan Adriana, Chira Romeo, Pestean Cosmin, Pop Oana, Barbu-Tudoran Lucian, Dindelegan George, Surlin Valeriu, Nickel Felix , <b>Mocan Bogdan</b> , Bintintan Vasile, Laparoscopic compatible device incorporating inductive proximity sensors for precise detection of gastric and colorectal small tumors, SURGICAL ONCOLOGY-OXFORD, ISSN: 0960-7404, Volume: 35 Pages: 504-514, DOI: 10.1016/j.suronc.2020.10.012, <b>Published: DEC 2020</b>	15	1	DA	Mocan Bogdan Fac. CM Dep. IPR	Q2	533,3	533
33	<b>Berinde Vasile</b> , Rus Ioan A, Asymptotic Regularity, Fixed Points and Successive Approximations, FILOMAT,ISSN: 0354-5180,Volume: 34 Issue: 3 Pages: 965-981, DOI: 10.2298/FIL2003965B,Published: 2020	2	1	NU	Berinde vasile Fac. Stiinte Dep. Mate-Info	Q2	3.000,0	3.000
34	<b>Calin Laur, Catinean Andrei, Bilici Mihai, Samuila Adrian</b> , A corona-electrostatic technology for zinc and brass recovery from the coarse fraction of the recycling process of spent alkaline and zinc - carbon batteries, JOURNAL OF CLEANER PRODUCTION, ISSN: 0959-6526, Volume: 278, Article Number: 123477, DOI: 10.1016/j.jclepro.2020.123477, <b>Published: JAN 1 2021</b>	4	4	NU	Samuila Adrian Fac. IE Dep. ETHM	Q1	2.000,0	8.000
35	Acu Ana-Maria, Bascanbaz-Tunca Gulen, <b>Rasa Ioan</b> , Information potential for some probability density functions, APPLIED MATHEMATICS AND COMPUTATION, ISSN: 0096-3003,Volume: 389, Article Number: 125578, DOI: 10.1016/j.amc.2020.125578, <b>Published: JAN 15 2021</b>	3	1	DA	Rasa Ioan Fac. AC Dep. MATH	Q1	3.333,3	3.333
36	Acu Ana Maria, <b>Maduta Alexandra, Otrocol Diana, Rasa Ioan</b> , Inequalities for Information Potentials and Entropies, MATHEMATICS, ISSN: eISSN: 2227-7390, Volume: 8 Issue: 11, Article Number: 2056, DOI: 10.3390/math8112056, <b>Published: NOV 2020</b>	4	3	NU	Rasa Ioan Fac. AC Dep. MATH	Q1	2.000,0	6.000
37	Heilmann Margareta, <b>Nasaireh Fadel, Rasa Ioan</b> , Discrete operators associated with linking operators, ANALYSIS AND MATHEMATICAL PHYSICS, ISSN: 1664-2368, Volume: 10 Issue: 4, Article Number: 72, DOI: 10.1007/s13324-020-00423-x, <b>Published: NOV 4 2020</b>	3	2	DA	Rasa Ioan Fac. AC Dep. MATH	Q1	3.333,3	6.667



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		TOTAL	UTCN					
38	Acu Ana-Maria, <b>Rasa Ioan</b> , Elementary hypergeometric functions, Heun functions, and moments of MKZ operators, REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS,ISSN: 1578-7303, Volume: 115 Issue: 1, Article Number: 20, DOI: 10.1007/s13398-020-00943-y, <b>Published: NOV 10 2020</b>	2	1	NU	Rasa Ioan Fac. AC Dep. MATH	Q1	4.000,0	4.000
39	Acu Ana-Maria, Heilmann Margareta, <b>Rasa Ioan</b> , Strong Converse Results for Linking Operators and Convex Functions, ISSN: 2314-8896, JOURNAL OF FUNCTION SPACES, Volume: 2020, Article Number: 4049167, DOI: 10.1155/2020/4049167, <b>Published: DEC 7 2020</b>	3	1	DA	Rasa Ioan Fac. AC Dep. MATH	Q1	3.333,3	3.333
40	<b>Cosma Ovidiu, Pop Petrica C.</b> , Danciulescu Daniela, A Parallel Algorithm for Solving a Two-Stage Fixed-Charge Transportation Problem, INFORMATICA,ISSN: 0868-4952,, Volume: 31 Issue: 4 Pages: 681-706, DOI: 10.15388/20-INFOR432, <b>Published: 2020</b>	3	2	NU	Pop Sitar Petrica Fac. Stiinte Dep. MATE-INFO	Q1	2.666,7	5.333
41	<b>Jurca Nicolae Florin, Inte Razvan Alexandru</b> , Motor sincron cu reluctanta variabila in constructie modulara pentru propulsia bicicletelor electrice. Brevet nr. <b>131721/20.03.2020</b>	2	2	NU	Jurca Nicolae Florin Fac. IE Dep. MAE	BN	2.250,0	4.500
42	<b>Novac Adela, Otrocol Diana, Popa Dorian</b> , Ulam Stability of a Linear Difference Equation in Locally Convex Spaces, RESULTS IN MATHEMATICS, ISSN: 1422-6383,, Volume: 76 Issue: 1, Article Number: 33, DOI: 10.1007/s00025-021-01344-2, <b>Published: MAR 2021</b>	3	3	NU	Otrocol Diana Fac. AC Dep. MATH	Q2	2.000,0	6.000
43	Diaz Ricardo Alfredo Cajo, Ghita Mihaela, Copot Dana, <b>Birs Isabela Roxana, Muresan Cristina</b> , Ionescu Clara, Context Aware Control Systems: An Engineering Applications Perspective, IEEE ACCESS,ISSN: 2169-3536, Volume: 8 Pages: 215550-215569, DOI: 10.1109/ACCESS.2020.3041357, <b>Published: 2020</b>	6	2	DA	Birs Izabela Fac. AC Dep. AUT	Q1	1.666,7	3.333

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		TOTAL	UTCN					
44	Solaymani Shahram, Kulesza Slawomir, Nezafat Negin Beryani, Shafiekhani Azizollah, <b>Talu Stefan</b> , Dalouji Vali, Rezaee Sahar, Boochani Arash, Multiscale Surface Microtexture Analysis of CuNPs@a-C:H Thin Films, INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, ISSN: 0888-5885, Volume: 59 Issue: 52 Pages: 22520-22532, DOI: 10.1021/acs.iecr.0c04807, <b>Published: DEC 30 2020</b>	8	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q2	1.000,0	1.000
45	Kajla Arun, <b>Miclaus Dan</b> , Bezier Variant of the Szasz-Durrmeyer Type Operators Based on the Poisson-Charlier Polynomials, FILOMAT, ISSN: 0354-5180, Volume: 34 Issue: 10 Pages: 3265-3273, DOI: 10.2298/FIL2010265K, <b>Published: 2020</b>	2	1	DA	Miclaus Dan Fac. Stiinte Dep. MATE-INFO	Q2	4.000,0	4.000
46	<b>Chindris Mircea Dorin, Cziker Andrei</b> , Sacerdotianu Dumitru, Nicola Marcel, Ciontu Marian, Radu Alexandru, Dumitrescu Camil, Brevet nr. 13240228/08.2020, Sistem adaptiv pentru asigurarea calitatii energiei in retelele de joasa tensiune.	7	2	NU	Cziker Andrei Fac. IE Dep. EEM	BN	642,9	1.286
47	Ruba Mircea, procedeu de detectie a defectelor senzorilor de curent ai unui convector electronic trifazat. Brevet national Nr 132781/31.12.2020	1	1	NU	Ruba Mircea Fac. IE Dep. MAE	BN	4.500,0	4.500
48	<b>Ruba, Mircea, Nemes Raul Octavian, Ciornei Sorina Maria, Martis Claudia</b> , Simple and Robust Current Sensor Fault Detection and Compensation Method for 3-Phase Inverters, IEEE ACCESS, ISSN: 2169-3536, Volume: 8 Pages: 34820-34832, DOI: 10.1109/ACCESS.2020.2974769, <b>Published: 2020</b>	4	4	NU	Ruba Mircea Fac. IE Dep. MAE	Q1	2.000,0	8.000
49	<b>Talu Stefan</b> , Solaymani, Shahram, Rezaee Sahar, Nezafat Negin B., The evaluation of surface topography changes in nanoscaled 2,6-diphenyl anthracene thin films by atomic force microscopy, MICROSCOPY RESEARCH AND TECHNIQUE, ISSN: 1059-910X, Volume: 84 Issue: 1 Pages: 89-100, DOI: 10.1002/jemt.23569, <b>Published: JAN 2021</b>	4	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q1	2.500,0	2.500

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					
50	Papez Nikola, Dallaev Rashid, Kaspar Pavel, Sobola Dinara, Skarvada Pavel, <b>Talu Stefan</b> , Ramazanov Shikhgasan, Nebojsa, Alois, Characterization of GaAs Solar Cells under Supercontinuum Long-Time Illumination, MATERIALS, ISSN: eISSN: 1996-1944, Volume: 14 Issue: 2, Article Number: 461, DOI: 10.3390/ma14020461, <b>Published: JAN 2021</b>	8	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q2	1.000,0	1.000
51	<b>Neamtu Bogdan Viorel</b> , Opris Alexandru, Pszola Peter, <b>Popa Florin</b> , <b>Marinca Traian Florin</b> , <b>Vlad Nicolae</b> , <b>Chicinas Ionel</b> , Preparation and characterisation of soft magnetic composites based on Fe fibres, JOURNAL OF MATERIALS SCIENCE, ISSN: 0022-2461, Volume: 55 Issue: 4 Pages: 1414-1424, DOI: 10.1007/s10853-019-04088-1, <b>Published: FEB 2020</b>	7	5	NU	Neamtu Bogdan Viorel Fac. IMM Dep. SIM	Q2	857,1	4.286
52	<b>Neamtu, B., V</b> , Belea, A., <b>Popa, F.</b> , Ware, E., <b>Marinca T. F.</b> , Vintiloiu I, <b>Badea C.</b> , Pszola M., <b>Nasui, M</b> , Properties of soft magnetic composites based on Fe fibres coated with SiO2 by hydrothermal method, JOURNAL OF ALLOYS AND COMPOUNDS, ISSN: 0925-8388, Volume: 826, Article Number: 154222, DOI: 10.1016/j.jallcom.2020.154222, <b>Published: JUN 15 2020</b>	9	5	DA	Neamtu Bogdan Viorel Fac. IMM Dep. SIM	Q1	1.111,1	5.556
53	<b>Neamtu B. V.</b> , Irimie, A., <b>Popa F.</b> , <b>Gabor M. S.</b> , <b>Marinca T. F.</b> , <b>Chicinas I.</b> , Soft magnetic composites based on oriented short Fe fibres coated with polymer, JOURNAL OF ALLOYS AND COMPOUNDS, ISSN: 0925-8388, Volume: 840, Article Number: 155731, <b>Published: NOV 5 2020</b>	6	5	NU	Neamtu Bogdan Viorel Fac. IMM Dep. SIM	Q1	1.333,3	6.667
54	<b>Neamtu B. V.</b> , <b>Popa F.</b> , <b>Marinca T. F.</b> , <b>Chicinas I.</b> , Pszola, M., Opris, A., Influence of fibres diameter on the AC and DC magnetic characteristics of Fe/Fe3O4 fibres based soft magnetic composites, CERAMICS INTERNATIONAL, ISSN: 0272-8842 Volume: 47 Issue: 2 Pages: 1865-1874, DOI: 10.1016/j.ceramint.2020.09.015, <b>Published: JAN 15 2021</b>	6	4	DA	Neamtu Bogdan Viorel Fac. IMM Dep. SIM	Q1	1.666,7	6.667

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		TOTAL	UTCN					
55	<b>Neamtu, B. V.</b> , Pszola, M., <b>Vermesan, H.</b> , Stoian, G., Grigoras, M., Oprisa, A., Cotojman, L., <b>Marinca, T. F.</b> , Lupu, N., <b>Chicinas, I.</b> , Preparation and characterisation of Fe/Fe3O4 fibres based soft magnetic composites, CERAMICS INTERNATIONAL, ISSN: 0272-8842, Volume: 47 Issue: 1 Pages: 581-589, DOI: 10.1016/j.ceramint.2020.08.165, <b>Published: JAN 1 2021</b>	10	4	DA	Neamtu Bogdan Viorel Fac. IMM Dep. SIM	Q1	1.000,0	4.000
56	<b>Dippong Thomas</b> , Hoaghia Maria-Alexandra, <b>Mihali Cristina, Cical Elena</b> , Calugaru Mihai, Human health risk assessment of some bottled waters from Romania, ENVIRONMENTAL POLLUTION, ISSN: 0269-7491, Volume: 267, Article Number: 115409, DOI: 10.1016/j.envpol.2020.115409, <b>Published: DEC 2020</b>	5	3	NU	Dippong Thomas Fac. Stiinte Dep. Chimie si Biologie	Q1	1.600,0	4.800
57	<b>Baias Alina Ramona, Popa Dorian</b> , On the best Ulam constant of a higher order linear difference equation, BULLETIN DES SCIENCES MATHÉMATIQUES, ISSN: 0007-4497, Volume: 166, Article Number: 102928, DOI: 10.1016/j.bulsci.2020.102928, <b>Published: FEB 2021</b>	2	2	NU	Baias Alina Fac. AC Dep. MATH	Q2	3.000,0	6.000
58	<b>Cosma Ovidiu, Pop Petrica C., Zelina Ioana</b> , An Effective Genetic Algorithm for Solving the Clustered Shortest-Path Tree Problem, IEEE ACCESS, ISSN: 2169-3536, Volume: 9 Pages: 15570-15591, DOI: 10.1109/ACCESS.2021.3053295, <b>Published: 2021</b>	3	3	NU	Pop Sitar Petrica Fac. Stiinte Dep. MATE-INFO	Q1	2.666,7	8.000
59	<b>Darab Cosmin, Antoniu Turcu, Beleiu Horia Gheorghe, Pavel Sorin, Birou Iulian, Micu Dan Doru, Ungureanu Stefan, Cirstea Stefan Dragos</b> , Hybrid Load Forecasting Using Gaussian Process Regression and Novel Residual Prediction, APPLIED SCIENCES-BASEL, ISSN: eISSN: 2076-3417, Volume: 10 Issue: 13, DOI: 10.3390/app10134588, <b>Published: JUL 2020</b>	8	8	NU	Darab Cosmin Fac. IE Dep. EEM	Q2	750,0	6.000
60	<b>Sabau Emilia, Bere Paul</b> , Moldovan Marioara, Petean Ioan, <b>Miron-Borzan Cristina</b> , Evaluation of Novel Ornamental Cladding Resistance, Comprised of GFRP Waste and Polyester Binder, within an Acid Environment, POLYMERS, ISSN: eISSN: 2073-4360, DOI: 10.3390/polym13030448, <b>Published: FEB 2021</b>	5	3	NU	Sabau Emilia Fac. CM DEP IF	Q1	1.600,0	4.800

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		TOTAL	UTCN					
61	<b>Burnete Nicolae Vlad, Mariasiu Florin, Moldovanu Dan</b> , Depcik Christopher, Simulink Model of a Thermoelectric Generator for Vehicle Waste Heat Recovery, APPLIED SCIENCES-BASEL, ISSN: eISSN: 2076-3417, Volume: 11 Issue: 3, Article Number: 1340, DOI: 10.3390/app11031340, <b>Published: FEB 2021</b>	4	3	DA	Burnete Vlad Fac. ARMM Dep. ART	Q2	2.000,0	6.000
62	Granzotto Mathieu, Postoyan Romain, <b>Busoniu Lucian</b> , Nestic Dragan, Daafouz Jamal, Finite-Horizon Discounted Optimal Control: Stability and Performance, IEEE TRANSACTIONS ON AUTOMATIC CONTROL, Volume: 66 Issue: 2 Pages: 550-565, DOI: 10.1109/TAC.2020.2985904, <b>Published: FEB 2021</b>	5	1	DA	Busoniu Lucian Fac. AC Dep. AUT	Q1	2.000,0	2.000
63	<b>Raducan Cristian, Grajdeanu Alina-Teodora, Plesa Cosmin-Sorin, Neag Marius</b> , Negoita Andrei, <b>Topa Marina Dana</b> , LDO With Improved Common Gate Class-AB OTA Handles any Load Capacitors and Provides Fast Response to Load Transients, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS, ISSN: 1549-8328, Volume: 67 Issue: 11 Pages: 3740-3752, DOI: 10.1109/TCSI.2020.3012376, <b>Published: NOV 2020</b>	6	5	NU	Raducan Cristian Fac. ETTI Dep. BE	Q2	1.000,0	5.000
64	<b>Sestras Paul</b> , Bilasco Stefan, Rosca Sanda, Dudic Branislav, Hysa Artan, Spalevic Velibor, Geodetic and UAV Monitoring in the Sustainable Management of Shallow Landslides and Erosion of a Susceptible Urban Environment, REMOTE SENSING, ISSN: eISSN: 2072-4292, Volume: 13 Issue: 3, Article Number: 385, DOI: 10.3390/rs13030385, <b>Published: FEB 2021</b>	6	1	DA	Sestras Paul Fac. CONSTR Dep. MTC	Q2	1.333,0	1.333
65	<b>Dippong Thomas, Mihali Cristina, Vosgan Zorica</b> , Daniel Andrada, <b>Dumuta Anca</b> , Thermal behavior of different cocoa powder varieties and their physicochemical, phytochemical and microbiological characteristics, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, ISSN: 1388-6150, Volume: 143 Issue: 6 Pages: 4217-4228, DOI: 10.1007/s10973-021-10559-y, <b>Published: MAR 2021</b>	5	4	NU	Dippong Thomas Fac. Stiinte Dep. Chimie si Biologie	Q2	1.200,0	4.800

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		TOTAL	UTCN					
66	<b>Dippong Thomas</b> , Levei Erika Andrea, Goga Firuta, Cadar Oana, Influence of Mn2+ substitution with Co2+ on structural, morphological and coloristic properties of MnFe2O4/SiO2 nanocomposites, MATERIALS CHARACTERIZATION,ISSN: 1044-5803, Volume: 172, Article Number: 110835, DOI: 10.1016/j.matchar.2020.110835, <b>Published: FEB 2021</b>	4	1	NU	Dippong Thomas Fac. Stiinte Dep. Chimie si Biologie	Q1	2.000,0	2.000
67	<b>GUSAT DOREL; BUD IOAN</b> ; MODELLING THE WASTE DISPOSAL DEPOSIT – (PART III), Scientific Bulletin of North University Center of Baia Mare, Series D, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology and Environmental Engineering, Volume XXXIV No. 1, 2020, Indexed ProQuest, EBSCO, ERIH PLUS, ISSN 1582-0548,	2	2	NU	Gusat Dorel Fac. Inginerie Dep. IRMMM	ErihPlus	3.000,0	6.000
68	<b>GUSAT DOREL; BUD IOAN</b> ; MODELLING THE WASTE DISPOSAL DEPOSIT – (PART IV), Scientific Bulletin of North University Center of Baia Mare, Series D, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology and Environmental Engineering, Volume XXXIV No. 2, 2020, Indexed ProQuest, EBSCO, ERIH PLUS, ISSN 1582-0548,	2	2	NU	Gusat Dorel Fac. Inginerie Dep. IRMMM	ErihPlus	3.000,0	6.000
69	ROCK MECHANICAL ASPECTS SIMULATIONS IN THE FUTURE OPEN PIT DEVELOPMENT, <b>GUSAT DOREL; BUD IOAN</b> ; Scientific Bulletin of North University Center of Baia Mare, Series D, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology and Environmental Engineering, Volume XXXIV No. 1, 2020, Indexed ProQuest, EBSCO, ERIH PLUS, ISSN 1582-0548,	2	2	NU	Gusat Dorel Fac. Inginerie Dep. IRMMM	ErihPlus	3.000,0	6.000
70	ADINA BUD1, <b>IOAN BUD2, DOREL GUŞAT</b> , IGNORANCE AND HYPOCRISY IN HOUSEHOLD AND INDUSTRIAL WASTE MANAGEMENT,Scientific Bulletin of North University Center of Baia Mare, Series D, Mining, Mineral Processing, Non-ferrous Metallurgy, Geology and Environmental Engineering, Volume XXXIV No. 1, 2020, Indexed ProQuest, EBSCO, ERIH PLUS, ISSN 1582-0548,	3	2	NU	Gusat Dorel Fac. Inginerie Dep. IRMMM	ErihPlus	2.000,0	4.000

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71	<b>Cioara Tudor, Antal Marcel, Mihailescu Vlad T., Antal Claudia D., Anghel Ionut M., Mitrea Dan</b> , Blockchain-Based Decentralized Virtual Power Plants of Small Prosumers, IEEE ACCESS, ISSN: 2169-3536, Volume: 9 Pages: 29490-29504, DOI: 10.1109/ACCESS.2021.3059106, <b>Published: 2021</b>	6	6	NU	Anghel Ionut Fac. AC Dep. CALC	Q1	1.333,3	8.000
72	Dhiman Harsh S., Deb Dipankar, Carroll James, <b>Muresan Vlad, Unguresan Mihaela-Ligia</b> , Wind Turbine Gearbox Condition Monitoring Based on Class of Support Vector Regression Models and Residual Analysis, SENSORS, ISSN: eISSN: 1424-8220, Volume: 20 Issue: 23, Article Number: 6742, DOI: 10.3390/s20236742, <b>Published: DEC 2020</b>	5	2	DA	Muresan Vlad Fac. AC Dep. AUT	Q1	2.000,0	4.000
73	<b>Aciu Claudiu, Manea Daniela Lucia, Ilutiu-Varvara Dana-Adriana</b> , Study Regarding the Micro Filler Effect of Sludge Resulting from Steel Pickling, METALS, ISSN: eISSN: 2075-4701, Volume: 11 Issue: 2, Article Number: 361, DOI: 10.3390/met11020361, <b>Published: FEB 2021</b>	3	3	NU	Aciu Claudiu Fac. CO Dep. CCM	Q1	2.666,7	8.000
74	Jafari, A (Jafari, Azadeh); Tahani, K (Tahani, Khashayar) ; Dastan, D (Dastan, Davoud) ; Asgary, S (Asgary, Sima); Shi, ZC (Shi, Zhicheng) ; Yin, XT (Yin, Xi-Tao) ; Zhou, WD (Zhou, Wen-Dong); Garmestani, H (Garmestani, Hamid) ; <b>Talu, S (Talu, Stefan)</b> , Ion implantation of copper oxide thin films; statistical and experimental results, SURFACES AND INTERFACES, ISSN: 2468-0230, DOI: 10.1016/j.surfin.2020.100463, <b>Published: MAR 2020</b>	9	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q1	1.111,0	1.111
75	<b>Talu, Stefan</b> ; Matos, RS (Matos, Robert Saraiva; Pinto, EP (Pinto, Erveton Pinheiro) ; Rezaee, S (Rezaee, Sahar) ; Mardani, M (Mardani, Mohsen, Stereometric and fractal analysis of sputtered Ag-Cu thin films, SURFACES AND INTERFACES, ISSN: 2468-0230, DOI: 10.1016/j.surfin.2020.100650, <b>Published: DEC 2020</b>	5	1	DA	Talu Stefan Fac. IMM Dep. IMADD	Q1	2.000,0	2.000

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		TOTAL	UTCN					
76	<b>Stanciu Dorin</b> , Chis Alexandra, A study of cyberstander reactions under community-related influence: When gender complicates matters, COMPUTERS IN HUMAN BEHAVIOR, ISSN: 0747-5632, Volume: 115, Article Number: 106589, DOI: 10.1016/j.chb.2020.106589, <b>Published: FEB 2021</b>	2	1	NU	Stanciu Dorin Dep. DSPP	Q1	4.000,0	4.000
77	<b>Sanislav, Teodora; Mois, George Dan; Zeadally, Sherali; Folea, Silviu Corneliu;</b> Energy Harvesting Techniques for Internet of Things (IoT), IEEE ACCESS, ISSN: 2169-3536, Volume: 9 Pages: 39530-39549, DOI: 10.1109/ACCESS.2021.3064066, <b>Published: 2021</b>	4	3	DA	Teodora Sanislav Fac. AC Dep. AUT	Q1	2.500,0	7.500
78	Mester Agnes, <b>Peter Ioan Radu</b> , Varga Csaba, Sufficient Criteria for Obtaining Hardy Inequalities on Finsler Manifolds, MEDITERRANEAN JOURNAL OF MATHEMATICS, ISSN: 1660-5446, Volume: 18 Issue: 2, Article Number: 76, DOI: 10.1007/s00009-021-01725-5, <b>Published: MAR 15 2021</b>	3	1	DA	PETER IOAN RADU Fac. AC Dep. MATH	Q1	3.333,3	3.333
<b>TOTAL (LEI)</b>								<b>317.590</b>