

GRANTURI SUPTOR ARTICOLE - PUBLICATII

LISTA ARTICOLE IN REVISTE INDEXATE WEB OF SCIENCE (ISI) CU FACTOR DE IMPACT (FI) APROBAT IN CA din 19 MAI 2020

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	Birlescu Iosif , Husty Manfred, Vaida Calin , Plitea Nicolae , Nayak Abhilash, Pisla Doina , Complete Geometric Analysis Using the Study SE(3) Parameters for a Novel, Minimally Invasive Robot Used in Liver Cancer Treatment, SYMMETRY-BASEL, ISSN: eISSN: 2073-8994, Volume: 11 Issue: 12, Article Number: 1491, DOI: 10.3390/sym11121491, Published: DEC 2019	6	4	DA	Pisla Doina, Fac. CM, Dep. ISM	Q2	1,333.3	5,333
2	Teodosescu Petre , Pop-Piglesan Florin Adelin , Daramus Mihai Alexandru , Vintiloiu Ioana, Pop Adrian, Rusu Tiberiu, Capacitor DC-link Arrangement, Patent no. 3300462/14.11.19	6	3	NU	Teodosescu Petre Fac. IE, Dep. MAE	BT	1,750.0	5,250
3	Popescu Dalia, Jacquet Philippe, Mans Bernard, Dumitru Robert , Pastrav Andra , Puschita Emanuel , Information Dissemination Speed in Delay Tolerant Urban Vehicular Networks in a Hyperfractal Setting, IEEE-ACM TRANSACTIONS ON NETWORKING, ISSN: 1063-6692, Volume: 27 Issue: 5 Pages: 1901-1914, DOI: 10.1109/TNET.2019.2936636, Published: OCT 2019	6	3	DA	Emanuel Puschita Fac. ETTI, Dep. COM	Q1	1,666.7	5,000
4	Filip Nicolae, Dispozitiv pentru conversia zgomotului in energie electrica, Nr Brevet: 128582 , 29.11.2019	1	1	NU	Filip Nicolae Fac. ARMM, Dep. ART	BN	4,500.0	4,500
5	Sharma Janak Raj, Kumar Sunil, Jantschi Lorentz , On a Class of Optimal Fourth Order Multiple Root Solvers without Using Derivatives, SYMMETRY-BASEL, ISSN: eISSN: 2073-8994, Volume: 11 Issue: 12, Article Number: 1452, DOI: 10.3390/sym11121452, Published: DEC 2019	3	1	DA	Jantschi Lorentz Fac. IMM, Dep. FIZCHIM	Q2	2,667.0	2,667

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		TOTAL	UTCN					
6	Ciupan Cornel, Ciupan Emilia , Petreus Rares Adrian, Sisteme de amplificare pentru presiuni inalte, Brevet Nr. 131458/20.10.2019	3	2	NU	Ciupan Cornel Fac. CM, Dep. IPR	BN	1,500.0	3,000
7	Holhos Adrian, Rosca Daniela , Volume Preserving Maps Between p-Balls, SYMMETRY-BASEL, ISSN: eISSN: 2073-8994, Volume: 11 Issue: 11, Article Number: 1404, DOI: 10.3390/sym11111404, Published: NOV 2019	2	2	NU	Holhos Adrian - Fac. AC, Dep. MATH	Q2	3,000.0	6,000
8	Pascalau Violeta , Pall Eموke, Tertis Mihaela, Suci Maria, Cristea Cecilia, Borodi Gheorghe, Bodoki Andreea, Topala Tamara, Stiufiuc Rares, Moldovan Alin, Pavel Codruta, Marinca Traian, Popa Catalin , In vitro study of BSA gel/polyelectrolite complexes core shell microcapsules encapsulating doxorubicin for antitumoral targeted treatment, INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, ISSN: 0091-4037, Volume: 68 Issue: 1-3 Pages: 60-72 Special Issue: SI, DOI: 10.1080/00914037.2018.1525724, Published: FEB 11 2019	13	4	NU	Pascalau Violeta Fac. IMM, Dep. STM	Q2	461.5	1,846
9	Ciugudeanu Calin, Buzdugan Mircea, Beu Dorin, Campianu Angel , Galatanu Catalin Daniel, Sustainable Lighting-Retrofit Versus Dedicated Luminaires-Light Versus Power Quality, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 11 Issue: 24, Article Number: 7125, DOI: 10.3390/su11247125, Published: DEC 2 2019	5	4	NU	Ciugudeanu Calin Fac. INS, Dep. INST	Q2	1,200.0	4,800
10	Zeadally Sherali, Sanislav, Teodora, Mois George Dan , Self-Adaptation Techniques in Cyber-Physical Systems (CPSs), IEEE ACCESS, ISSN: 2169-3536, Volume: 7 Pages: 171126-171139, DOI: 10.1109/ACCESS.2019.2956124, Published: 2019	3	2	DA	Mois George Dan Fac. AC, Dep. AUT	Q1	3,333.0	6,666
11	Farcas Ioan Mircea , Phonetismes dialectaux roumains gardes chez les roumains immigres en France, Studia Universitatis Cibiensis. Series Historica, Vol. XVI, 2019, decembrie , pag 253-263, ISSN:1584-3165	1	1	NU	Farcas Ioan Mircea Fac. de Litere, Dep. Filologie si Studii Culturale	Erih Plus	8,000.0	8,000

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12	Curovic Zeljka, Curovic Milic, Spalevic Velibor, Janic Milorad, Sestras Paul , Popovic Svetislav G., Identification and Evaluation of Landscape as a Precondition for Planning Revitalization and Development of Mediterranean Rural Settlements-Case Study: Mrkovi Village, Bay of Kotor, Montenegro, SUSTAINABILITY, ISSN: 2071-1050, Volume: 11 Issue: 7, Article Number: UNSP 2039, DOI: 10.3390/su11072039, Published: APR 1 2019.	6	1	DA	Sestras Paul Fac. CONSTR, Dep. MTC	Q2	1,333.3	1,333
13	Baias Alina Ramona, Popa Dorian , On the best Ulam constant of the second order linear differential operator, REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS,ISSN: 1578-7303, Volume: 114 Issue: 1, Article Number: 23,DOI: 10.1007/s13398-019-00776-4, Published: JAN 2020	2	2	NU	Baias Alina Fac. AC Dep. MATH	Q2	3,000.0	6,000
14	Dulf Eva-Henrietta, Simplified Fractional Order Controller Design Algorithm,MATHEMATICS,ISSN: eISSN: 2227-7390, Volume: 7 Issue: 12, Article Number: 1166, DOI: 10.3390/math7121166, Published: DEC 2019	1	1	NU	Dulf Eva-Henrietta Fac. AC, Dep. AUT	Q1	8,000.0	8,000
15	Pascalau Violeta , Bogdan Catalina, Pall Eموke, Matros Luminita, Pandrea Stanca-Lucia, Suci Maria, Borodi Gheorghe, Iuga Cristina Adela, Stiufiuc Rare, Topala Tamara, Pavel Codruta, Popa Catalin , Moldovan Mirela Liliana, Development of BSA gel/Pectin/Chitosan polyelectrolyte complex microcapsules for Berberine delivery and evaluation of their inhibitory effect on Cutibacterium acnes, REACTIVE & FUNCTIONAL POLYMERS, ISSN: 1381-5148, Volume: 147, Article Number: 104457, DOI: 10.1016/j.reactfunctpolym.2019.104457, Published: FEB 2020	13	3	NU	Pascalau Violeta Fac. IMM, Dep. STM	Q1	615.4	1,846
16	Pisla Doina, Calin Vaida, Birlescu Iosif , Al Hajjar Nadim, Gherman Bogdan , Radu Corina, Plitea Nicolae , Risk Management for the Reliability of Robotic Assisted Treatment of Non-resectable Liver Tumors, APPLIED SCIENCES-BASEL,ISSN: eISSN: 2076-3417,Volume: 10 Issue: 1, Article Number: 52, DOI: 10.3390/app10010052, Published: JAN 2020	7	5	NU	Pisla Doina, Fac. CM, Dep. ISM	Q2	857.1	4,286

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17	Rada S, Unguresan M., Rada M , Cuibus D. , Zhang, J., Pengfei, A, Suci R, Bot A , Culea E , Manganese-Lead-Lead Dioxide Glass Ceramics as Electrode Materials, JOURNAL OF THE ELECTROCHEMICAL SOCIETY, ISSN: 0013-4651, Volume: 166 Issue: 16 Pages: A3987-A3996, DOI: 10.1149/2.0241916jes, Published: DEC 2 2019	9	4	DA	Rada Simona Fac. IMM, Dep. FIZCHIM	Q1	1,111.1	4,444
18	Dehelean Adriana, Popa Adriana, Rada Simona , Suci Ramona Crina, Stan Manuela, Culea Eugen , Spectroscopic investigation of new manganese tellurite glasses synthesized by sol-gel method, JOURNAL OF ALLOYS AND COMPOUNDS, ISSN: 0925-8388, Volume: 801 Pages: 181-187, DOI: 10.1016/j.jallcom.2019.06.098 Published: SEP 15 2019	6	2	NU	Rada Simona Fac. IMM, Dep. FIZCHIM	Q1	1,333.3	2,667
19	Antal Marcel, Pop Claudia, Cioara Tudor, Anghel Ionuț), Salomie Ioan , Pop, Florin, A System of Systems approach for data centers optimization and integration into smart energy grids, SISTEME INFORMATICE DE GENERARE VIITORĂ-Jurnalul internațional de știință, ISSN: 0167-739X, Volum: 105 Pagini: 948-963, DOI: 10.1016 / j.future.2017.05.021, Publicat: APR 2020	6	5	NU	Anghel Ionut Fac. AC, Dep. CALC	Q1	1,333.3	6,667
20	Tucan Paul, Gherman Bogdan, Major Kinga, Vaida Calin , Major Zoltan, Plitea Nicolae , Carbone Giuseppe, Pisla Doina , Fuzzy Logic-Based Risk Assessment of a Parallel Robot for Elbow and Wrist Rehabilitation, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, ISSN: 1661-7827, Volume: 17 Issue: 2,Article Number: 654,DOI: 10.3390/ijerph17020654, Published: JAN 2 2020	8	6	DA	Pisla Doina, Facultatea CM, Dep. ISM	Q1	1,250.0	7,500
21	Vesa Andreea Valeria, Cioara Tudor, Anghel Ionut, Antal Marcel, Pop Claudia, Iancu Bogdan, Salomie Ioan, Dadarlat Vasile Teodor , Energy Flexibility Prediction for Data Center Engagement in Demand Response Programs, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 12 Issue: 4,Article Number: 1417, DOI: 10.3390/su12041417, Published: FEB 2 2020	8	8	NU	Anghel Ionut Fac. AC, Dep. CALC	Q2	750.0	6,000

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22	Vaida Calin, Plitea Nicolae, Pislă Doina, Gherman Bogdan, Ulinici Ionut, Pislă Adrian, Carbone Giuseppe, Robot sferic pentru recuperarea Medicală a zonei Proximale la nivelul membrului superior. Brevet de invenție Nr. 132233/30.03.2020	7	6	DA	Vaida Calin Fac. CM, Dep. ISM	NAT	642.8	3,857
23	Oniga Bogdan , Denis Leon, Dadarlat Vasile , Munteanu Adrian, Message-Based Communication for Heterogeneous Internet of Things Systems, SENSORS, ISSN: eISSN: 1424-8220, Volume: 20 Issue: 3, Article Number: 861, DOI: 10.3390/s20030861, Published: FEB 2020	4	2	DA	Dadarlat Vasile Fac. AC, Dep. CALC	Q1	2,500.0	5,000
24	Vaida Calin, Plitea Nicolae, Pislă Doina, Gherman Bogdan, Banica Alexandru, Pislă Adrian, Carbone Giuseppe, Sistem Robotic Paralel pentru Recuperarea Medicală a Membrului Superior, Brevet de invenție Nr. 132234/30.04.2020	7	6	DA	Gherman Bogdan Fac. CM, Dep. ISM	NAT	642.8	3,857
25	Moldovan Dorin, Anghel Ionuț, Cioara Tudor, Salomie Ioan , Adapted Binary Particle Swarm Optimization for Efficient Features Selection in the Case of Imbalanced Sensor Data, ȘTIINȚE APLICATE-BASEL, ISSN: eISSN: 2076-3417, Volum: 10 Problema: 4, Numarul articolului: 1496, DOI: 10.3390 / app10041496, FEB 2020	4	4	NU	Anghel Ionut Fac. AC, Dep. CALC	Q2	1,500.0	6,000
26	Vermesan Horatiu, Tiuc Ancuta-Elena, Purcar Marius , Advanced Recovery Techniques for Waste Materials from IT and Telecommunication Equipment Printed Circuit Boards, SUSTAINABILITY, ISSN: eISSN: 2071-1050, Volume: 12 Issue: 1, Article Number: 74, DOI: 10.3390/su12010074, JAN 2020	3	3	NU	Vermesan Horatiu Fac. IMM, Dep. IMADD	Q2	2,000.0	6,000
27	Ancuta Elena, Manea Daniela Lucia , Vasile Ovidiu, A Novel Acoustic Sandwich Panel Based on Sheep Wool, COATINGS, ISSN: eISSN: 2079-6412, Volume: 10 Issue: 2, Article Number: 148, DOI: 10.3390/coatings1002014, Published: FEB 2020	6	5	NU	Tamas Roxana Fac. CONSTR, Dep. CCM	Q2	1,000.0	5,000

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		TOTAL	UTCN					
28	Borlea (Muresan) Simona Ioana, Tiuc Ancuta-Elena, Nemes Ovidiu, Vermesan Horatiu , Vasile Ovidiu, Innovative Use of Sheep Wool for Obtaining Materials with Improved Sound-Absorbing Properties, MATERIALS, ISSN: eISSN: 1996-1944, Volume: 13 Issue: 3, Article Number: 694, DOI: 10.3390/ma13030694, Published: FEB 1 2020	5	4	NU	Ovidiu Nemeş Fac. IMM, Dep. IMADD	Q2	1,200.0	4,800
29	Ilea Veronica, Novac Adela, Otrocol Diana , Precup Radu, Solutions with a prescribed interval of positivity for differential systems with nonlocal conditions, MATEMATICA APLICATĂ ŞI COMPUTAREA, ISSN: 0096-3003, Volum: 375, Numarul articolului: 125092, DOI: 10.1016 / j.amc.2020.125092, publicat: 15 IANE 2020	4	2	NU	Otrocol Diana Fac. AC, Dep. MATH	Q1	2,000.0	4,000
30	Korodi Adrian, Crisan Ruben , Nicolae Andrei, Silea Ioan, Industrial Internet of Things and Fog Computing to Reduce Energy Consumption in Drinking Water Facilities, PROCESSES, ISSN: eISSN: 2227-9717, Volume: 8 Issue: 3, Article Number: 282, DOI: 10.3390/pr8030282, Published: MAR 2020	4	1	NU	Crisan Ruben Fac. AC, Dep. AUT	Q2	1,500.0	1,500
31	Istoan Raluca, Tamas-Gavrea Daniela Roxana, Manea Daniela Lucia , Experimental Investigations on the Performances of Composite Building Materials Based on Industrial Crops and Volcanic Rocks, CRYSTALS, ISSN: 2073-4352, Volume: 10 Issue: 2, Article Number: 102, DOI: 10.3390/cryst10020102, Published: FEB 2020	3	3	NU	Tamas Roxana Fac. CONSTR, Dep. CCM	Q2	2,000.0	6,000
32	Baias Alina Ramona, Popa Dorian , On Ulam Stability of a Linear Difference Equation in Banach Spaces, BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, ISSN: 0126-6705, Volume: 43 Issue: 2 Pages: 1357-1371, , DOI: 10.1007/s40840-019-00744-6, Published: MAR 2020	2	2	NU	Alina Baias Fac. AC, Dep. MATH	Q2	3,000.0	6,000

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		TOTAL	UTCN					
33	Muresan Mircea Paul, Giosan Ion, Nedevschi Sergiu , Stabilization and Validation of 3D Object Position Using Multimodal Sensor Fusion and Semantic Segmentation, SENSORS,ISSN: eISSN: 1424-8220, Volume: 20 Issue: 4, Article Number: 1110,DOI: 10.3390/s20041110, Published: FEB 2020	3	3	NU	Muresan Mircea Fac. AC, Dep. CA	Q1	2,666.7	8,000
34	Miclea Vlad-Cristian, Nedevschi Sergiu , Real-Time Semantic Segmentation-Based Stereo Reconstruction, IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS,ISSN: 1524-9050, Volume: 21 Issue: 4 Pages: 1514-1524, DOI: 10.1109/TITS.2019.2913883, Published: APR 2020	2	2	NU	Miclea Vlad-Cristian Fac. AC, Dep. CALC	Q1	4,000.0	8,000
35	Beleiu Horia Gheorghe, Maier Virgil, Pavel Sorin Gheorghe, Birou Iulian, Pica Constantin Sorin, Darab Pompei Cosmin , Harmonics Consequences on Drive Systems with Induction Motor, APPLIED SCIENCES-BASEL, ISSN: eISSN: 2076-3417, Volume: 10 Issue: 4,Article Number: 1528,DOI: 10.3390/app10041528, Published: FEB 2020	6	6	NU	Beleiu Horia Fac. IE, Dep. EEM	Q2	1,000.0	6,000
36	Pavel Sorin Gheorghe, Maier Virgil, Ciorca Claudiu, Beleiu Horia Gheorghe, Birou Iulian ,Optimal Design of the Vertical Earthing with Electrodes Arranged in Line,APPLIED SCIENCES-BASEL, ISSN: eISSN: 2076-3417,Volume: 10 Issue: 3, Article Number: 1177, DOI: 10.3390/app10031177, Published: FEB 2020	5	5	NU	Beleiu Horia Fac. IE, Dep. EEM	Q2	1,200.0	6,000
37	Birs Isabela, Muresan Cristina, Copot Dana, Nascu Ioan, Ionescu Clara , IDENTIFICATION FOR CONTROL OF SUSPENDED OBJECTS IN NON-NEWTONIAN FLUIDS, FRACTIONAL CALCULUS AND APPLIED ANALYSIS,ISSN: 1311-0454, Volume: 22 Issue: 5 Pages: 1378-1394 DOI: 10.1515/fca-2019-0072, Published: OCT 2019	5	3	DA	Birs Isabela Fac. AC Dep. AU	Q1	2,000.0	6,000

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38	<p>Pop, Petrica C., The generalized minimum spanning tree problem: An overview of formulations, solution procedures and latest advances, EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, ISSN: 0377-2217, Volume: 283 Issue: 1 Pages: 1-15,DOI: 10.1016/j.ejor.2019.05.017</p> <p>Published: MAY 16 2020</p>	1	1	NU	Pop, Petrica C Fac. de Stiinte, Dep. Matematica si Informatica	Q1	8,000.0	8,000
TOTAL (LEI)								195,818