

GRANTURI SUPT ARTICOLE - PUBLICAȚII

LISTĂ ARTICOLE PUBLICATE ÎN REVISTE INDEXATE WEB OF SCIENCE (ISI) CU FACTOR DE IMPACT (FI) ȘI BREVETE APROBAT ÎN CA din 11.01.2022

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	Yadav Madhavi, Yadav Ram P., Priya Pradip K., Bhasker Hari P., Talu Stefan , Mittal Ashok K., Matos Robert Saraiva, Effect of Fe Doping on the Surface Morphology and Supercapacitor Properties of Sr(OH)(2) Thin Films: A Fractal Approach, JOURNAL OF PHYSICAL CHEMISTRY C, ISSN1932-7447, Volume125, Issue41, Page22827-22836, DOI10.1021/acs.jpcc.1c06668, Published OCT 21 2021	7	1	DA	ȚĂLU ȘTEFAN IMM/IMADD	Q2	1,142.8	1,143
2	Moldovan Dumitrita, Fechete Radu , Bimodal H-1 Double Quantum Build-Up Curves by Fourier and Laplace-like Transforms on Aged Cross-Linked Natural Rubber, POLYMERS, eISSN2073-4360 Volume13, Issue20, Article Number3523, DOI10.3390/polym13203523, Published OCT 2021	2	2	NU	MOLDOVAN DUMITRIȚA IMM/FIZCHIM	Q1	4,000.0	8,000
3	Bocanet, Vlad I. ; Brown, Ken; Uukkivi, Anne ;Soares, Filomena; Lopes, Ana Paula; Cellmer, Anna; Serrat, Carles; Feniser, Cristina; Serdean, Florina M. ; Safiulina, Elena; Kelly, Gerald; Cymerman, Joanna; Kierkosz, Igor; Sushch, Volodymyr; Latonina, Marina; Labanova, Oksana; Bruguera, M. Montserrat; Pantazi, Chara; Estela, M. Rosa, Change in Gap Perception within Current Practices in Assessing Students Learning Mathematics, SUSTAINABILITY, eISSN2071-1050, Volume13, Issue8, Article Number4495, DOI10.3390/su13084495, Published APR 2021	19	3	DA	VLAD BOCĂNEȚ IIRMP/IF	Q2	421.1	1,263

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					
4	Bud, Eugen S. ; Bocanet, Vlad I. ; Muntean, Mircea H. ; Vlasa, Alexandru ; Bucur, Sorana M. ; Pacurar, Mariana; Dragomir, Bogdan R.; Olteanu, Cristian D; Bud, Anamaria; Accuracy of Three-Dimensional (3D) Printed Dental Digital Models Generated with Three Types of Resin Polymers by Extra-Oral Optical Scanning, JOURNAL OF CLINICAL MEDICINE, eISSN2077-0383, Volume10, , Issue9, Article Number1908, DOI10.3390/jcm10091908, PublishedMAY 2021	9	2	NU	VLAD BOCĂNEȚ IIRMP/IF	Q1	888.9	1,778
5	Cernohorsky, Petr; Pisarenko, Tatiana; Papez, Nikola; Sobola, Dinara; Talu, Stefan ; Castkova, Klara ; Kastyl, Jaroslav ; Macku, Robert ; Skarvada, Pavel ; Sedlak, Petr; Structure Tuning and Electrical Properties of Mixed PVDF and Nylon Nanofibers, MATERIALS, eISSN1996-1944, Volume14, Issue20, Article Number6096, DOI10.3390/ma14206096, Published OCT 2021	10	1	DA	ȚĂLU ȘTEFAN IMM/IMADD	Q1	1,000.0	1,000
6	Neamt, Liviu; Chiver, Olivian , A Simple Design Method of Unequal Spacing Arrangement for Substation Grounding Grid, IEEE ACCESS, ISSN2169-3536, Volume9, Page141339-141346, DOI10.1109/ACCESS.2021.3119941, Published2021	2	2	NU	NEAMȚU LIVIU INGINERIE/ IEEC	Q2	3,000.0	6,000
7	Peter, Anca; Cozmuta, Leonard Mihaly; Nicula, Camelia ; Cozmuta, Anca Mihaly ; Talasman, Catalina Mihaela; Drazic, Goran; Penas, Antonio; Calahorro, Antonio Jesus; Sagratini, Gianni; Silvi, Stefania; Chemical and organoleptic changes of curd cheese stored in new and reused active packaging systems made of Ag-graphene-TiO2-PLA, FOOD CHEMISTRY, ISSN0308-8146, Volume363, Article Number130341, DOI10.1016/j.foodchem.2021.130341, PublishedNOV 30 2021	10	4	DA	PETER ANCA ȘTIINȚE BM	Q1	1,000.0	4,000

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					
8	Nguyen Trong, Dung; Cao Long, Van ; Talu, Stefan , The Study of the Influence of Matrix, Size, Rotation Angle, and Magnetic Field on the Isothermal Entropy, and the Neel Phase Transition Temperature of Fe2O3 Nanocomposite Thin Films by the Monte-Carlo Simulation Method, COATINGS, eISSN2079-6412, Volume11, Issue10, Article Number1209, DOI10.3390/coatings11101209, PublishedOCT 2021	3	1	DA	ȚĂLU ȘTEFAN IMM/IMADD	Q2	2,666.7	2,667
9	Major, Zoltan Zsigmond; Vaida Calin ; Major, Kinga Andrea; Tucan Paul ; Brusturean, Emanuela; Gherman Bogdan ; Birlescu Iosif ; Craciunas, Raul; Ulinici Ionut ; Simori, Gabor; Banica Alexandru ; Pop Nicoleta ; Burz Alin ; Carbone, Giuseppe; Pisla Doina), Comparative Assessment of Robotic versus Classical Physical Therapy Using Muscle Strength and Ranges of Motion Testing in Neurological Diseases, JOURNAL OF PERSONALIZED MEDICINE, eISSN2075-4426, Volume11, Issue10, Article Number953, DOI10.3390/jpm11100953, PublishedOCT 2021	15	9	DA	PÎSLĂ DOINA IIRMP/ISM	Q1	666.6	5,999
10	Pisla Doina , Tarnita Daniela, Tucan Paul , Tohanean Nicoleta, Vaida Calin , Geonea Ionut Daniel, Bogdan Gherman , Abrudan Cristian, Carbone Giuseppe, Plitea Nicolae , A Parallel Robot with Torque Monitoring for Brachial Monoparesis Rehabilitation Tasks, APPLIED SCIENCES-BASEL, eISSN2076-3417, Volume11, Issue21, Article Number9932, DOI10.3390/app11219932, PublishedNOV 2021	10	5	DA	PÎSLĂ DOINA IIRMP/ISM	Q2	800.0	4,000
11	Padrah Zoltan, Pastrav Andra , Palade Tudor , Ratiu Ovidiu, Puschita Emanuel , Development and Validation of an ISA100.11a Simulation Model for Accurate Industrial WSN Planning and Deployment, SENSORS, eISSN1424-8220, Volume21, Issue11, Article Number3600, DOI10.3390/s21113600, PublishedJUN 2021	5	3	NU	EMANUEL PUȘCHIȚĂ ETTI / COM	Q1	1,600.0	4,800

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					
12	Ourdani D., Roussigne Y., Cherif S. M., Gabor M. S. , Belmeguenai M, Dependence of the interfacial Dzyaloshinskii-Moriya interaction, perpendicular magnetic anisotropy, and damping in Co-based systems on the thickness of Pt and Ir layers, PHYSICAL REVIEW B, ISSN2469-9950, Volume104, Issue10, Article Number104421, DOI10.1103/PhysRevB.104.104421, PublishedSEP 21 2021	5	1	DA	GABOR MIHAI IMM / FIZCHIM	Q2	1,600.0	1,600
13	Ourdani D., Roussigne Y., Mos R. B., Nasui M. , Cherif S. M., Gabor M. S. , Belmeguenai M., Hf thickness dependence of perpendicular magnetic anisotropy, damping and interfacial Dzyaloshinskii-Moriya interaction in Pt/CoFe/Hf/HfO ₂ , PHYSICAL REVIEW MATERIALS, ISSN2475-9953, Volume5, Issue8, Article Number084404, DOI10.1103/PhysRevMaterials.5.084404, PublishedAUG 11 2021	7	3	DA	GABOR MIHAI IMM/FIZCHIM	Q2	1,142.8	3,428
14	Mitrea Delia , Badea Radu, Mitrea Paulina, Brad Stelian, Nedevschi Sergiu , Hepatocellular Carcinoma Automatic Diagnosis within CEUS and B-Mode Ultrasound Images Using Advanced Machine Learning Methods, SENSORS, eISSN1424-8220, Volume21, Issue6, Article Number2202, DOI10.3390/s21062202, PublishedMAR 2021	5	4	NU	MITREA DELIA AC / CALC	Q1	1,600.0	6,400
15	Margin Oana-Constantina, Dulf Eva-Henrietta , Mocan Teodora, Mocan Lucian, Modelling in Synthesis and Optimization of Active Vaccinal Components, NANOMATERIALS, eISSN2079-4991, Volume11, Issue11, Article Number3001, DOI10.3390/nano11113001, PublishedNOV 2021	4	2	NU	DULF EVA AC / AUT	Q1	2,000.0	4,000
16	Zadobrischi Eduard, Dimian Mihai, Negru Mihai , The Utility of DSRC and V2X in Road Safety Applications and Intelligent Parking: Similarities, Differences, and the Future of Vehicular Communication, SENSORS, eISSN1424-8220, Volume21, Issue21, Article Number7237, DOI10.3390/s21217237, PublishedNOV 2021	3	1	nu	NEGRU MIHAI AC / CALC	Q1	2,666.7	2,667
17	Mihaly Vlad, Susca Mircea, Dulf Eva H , mu-Synthesis FO-PID for Twin Rotor Aerodynamic System, MATHEMATICS, eISSN :2227-7390, DOI10.3390/math9192504, PublishedOCT 2021	3	3	NU	DULF EVA AC / AUT	Q1	2,666.7	8,000

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					
18	Copot Cosmin, Muresan Cristina I. , Beschi Manuel, Ionescu Clara M., A 6DOF Virtual Environment Space Docking Operation with Human Supervision, APPLIED SCIENCES-BASEL, eISSN:2076-3417, Article Number3658, DOI10.3390/app11083658, Published APR 2021	4	1	DA	MUREȘAN CRISTINA AC / AUT	Q2	2,000.0	2,000
19	Ghita Mihaela, Neckebroek Martine, Juchem Jasper, Copot Dana, Muresan Cristina , Ionescu Clara M, SENSORS, Bioimpedance Sensor and Methodology for Acute Pain Monitoring, eISSN:1424-8220, Volume20, article Number6765, DOI10.3390/s20236765, Published DEC 2020	6	1	DA	MUREȘAN CRISTINA AC / AUT	Q1	1,666.7	1,667
20	Ghita Mihaela, Neckebroek Martine, Muresan Cristina , Copot Dana, Closed-Loop Control of Anesthesia: Survey on Actual Trends, Challenges and Perspectives, IEEE ACCESS, Volume8, Page206264-206279, ISSN:2169-3536, DOI10.1109/ACCESS.2020.3037725, Published 2020	4	1	DA	MUREȘAN CRISTINA AC / AUT	Q2	2,000.0	2,000
21	Muresan Cristina I. , Birs Isabela R. , Dulf Eva H. , Copot Dana, Miclea Liviu , A Review of Recent Advances in Fractional-Order Sensing and Filtering Techniques, SENSORS, eISSN:1424-8220, Volume21, Issue17, Article Number5920, DOI10.3390/s21175920, Published SEP 2021	5	4	DA	MUREȘAN CRISTINA AC / AUT	Q1	2,000.0	8,000
22	Cobirzan Nicoleta , Thalmaier Gyorgy , Balog Anca-Andreea , Constantinescu Horia , Ceclan Andrei , Nasui Mircea , Volcanic Tuff as Secondary Raw Material in the Production of Clay Bricks, MATERIALS, eISSN:1996-1944, Volume14, Issue22 Article Number6872, DOI10.3390/ma14226872, Published NOV 2021	6	6	NU	Thalmaier Gyorgy IMM / SIM	Q1	1,333.3	8,000
23	Popan Ioan Alexandru , Balc Nicolae , Popan Alina Ioana , Avoiding carbon fibre reinforced polymer delamination during abrasive water jet piercing: a new piercing method, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, ISSN:0268-3768, DOI10.1007/s00170-021-08294-7, Early Access NOV 2021	3	3	NU	POPAN IOAN IIRMP / IF	Q2	2,000.0	6,000

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					
24	Domuta Ioan, Palade Tudor Petru , Two-Way Ranging Algorithms for Clock Error Compensation, IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, ISSN:0018-9545, Volume70, Issue8, Page8237-8250, DOI10.1109/TVT.2021.3096667, Published AUG 2021	2	1	NU	PALADE TUDOR ETTI / COM	Q1	4,000.0	4,000
25	Brad Emilia, Brad Stelian , Requirements Analysis in Disruptive Engineering Solutions Using the Paradigm of Living Systems, APPLIED SCIENCES-BASEL, eISSN:2076-3417, Volume11, Issue21, Article Number9854, DOI10.3390/app11219854, Published NOV 2021	2	2	NU	BRAD STELIAN IIRMP / IPR	Q2	3,000.0	6,000
26	Brad Emilia, Brad Stelian , Algorithm for Designing Reconfigurable Equipment to Enable Industry 4.0 and Circular Economy-Driven Manufacturing Systems, APPLIED SCIENCES-BASEL, eISSN:2076-3417, Volume11, Issue10, Article Number4446, DOI10.3390/app11104446, Published MAY 2021	2	2	NU	BRAD STELIAN IIRMP / IPR	Q2	3,000.0	6,000
27	Brad Emilia, Brad Stelian, Murar Mircea, Popanton Mariuta, Vlad Grigore , Lifecycle Design of Disruptive SCADA Systems for Waste-Water Treatment Installations, SUSTAINABILITY, eISSN:2071-1050, Volume13, Issue9, Article Number4950, DOI10.3390/su13094950, Published MAY 2021	5	4	NU	BRAD STELIAN IIRMP / IPR	Q2	1,200.0	4,800
28	Botez Robert, Costa-Requena Jose, Ivanciu Iustin-Alexandru, Strautiu Vlad, Dobrota Virgil , SDN-Based Network Slicing Mechanism for a Scalable 4G/5G Core Network: A Kubernetes Approach, SENSORS, eISSN:1424-8220, Volume21, Issue11, Article Number3773, DOI10.3390/s21113773, Published JUN 2021	5	4	DA	DOBROȚĂ VIRGIL ETTI / COM	Q1	2,000.0	8,000
29	Teshome Eden, Deac Diana , Thielemans Steffen, Carlier Matthias, Steenhaut Kris, Braeken An, Dobrota Virgil , Time Slotted Channel Hopping and ContikiMAC for IPv6 Multicast-Enabled Wireless Sensor Networks, SENSORS, eISSN:1424-8220, Volume21, Issue5, Article Number1771, DOI10.3390/s21051771, Published MAR 2021	7	2	DA	DOBROȚĂ VIRGIL ETTI / COM	Q1	1,428.6	2,857

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					
30	Leordean Dan, Vilau Cristian, Dudescu Mircea Cristian , Generation of Computational 3D Models of Human Bones Based on STL Data and CAD Software Packages, APPLIED SCIENCES-BASEL, eISSN:2076-3417, Volume11 Issue17, Article Number7964, DOI10.3390/app11177964, Published SEP 2021	3	3	NU	Dudescu Mircea Cristian ARMM / IE	Q2	2,000.0	6,000
TOTAL (LEI)								132,069