

GRANTURI SUPT – PUBLICAȚII 2017
LISTĂ ARTICOLE PUBLICATE ÎN REVISTE INDEXATE WEB OF SCIENCE (ISI) CU FACTOR DE IMPACT (FI)
Octombrie 2017

Nr. crt.	ARTICOL	Autor UTCN depunere cerere	Clasificare articol	Cotă parte autor	Valoare grant UTCN
1.	Busoniu L. , Daafouz, J., Bragagnolo, M.C., Morarescu, I.C., Planning for optimal control and performance certification in nonlinear systems with controlled or uncontrolled switches, <i>AUTOMATICA</i> , Vol. 78, Pp.: 297-308, DOI: 10.1016/j.automatica.2016.12.027, Published: APR 2017.	Bușoniu Lucian – Fac. AC	Q1	1.625,00	1.625,00
2.	Rada, M., Zagrai, M. , Rada, S., Bot, A., Culea, E. , Effects on the characteristics of bonding and local structure in molybdenum-lead-lead dioxide glasses and vitroceramics, <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> , (ISSN 0925-8388), Vol.705, Pp.: 327-332, DOI: 10.1016/j.jallcom. 2017.02.091, Published: MAY 25 2017.	Rada Simona – Fac. IMM	Q1	1.300,00	3.900,00
3.	Dubravka, Peter, Rafajdus, P., Makys, P., Szabo, L. , Control of switched reluctance motor by current profiling under normal and open phase operating condition, <i>IET ELECTRIC POWER APPLICATIONS</i> , (ISSN 1751-8660), Vol. 11, Issue: 4, Pp: 548-556, DOI: 10.1049/iet-epa. 2016. 0543, Published: APR 2017.	Szabo Loránd – Fac. IE	Q2	1.125,00	1.125,00
4.	Dippong, T. , Cadar, O., Levei, E.A., Bibicu, I., Diamandescu, L., Leostean, C., Lazar, M., Borodi, G., Tudoran, L.B., Structure and magnetic properties of CoFe ₂ O ₄ /SiO ₂ nanocomposites obtained by sol-gel and post annealing pathways, <i>CERAMICS INTERNATIONAL</i> , (ISSN 0272-8842), Vol. 43, Issue: 2, Pp. 2113-2122, DOI: 10.1016/j.ceramint.2016.10.192, Published: FEB 1 2017.	Dippong Thomas – Fac. de Științe	Q1	722.22	722,00
5.	Todea, C.C. , Bockstein homomorphisms for Hochschild cohomology of group algebras and of block algebras of finite groups, <i>FORUM MATHEMATICUM</i> , (ISSN 0933-7741), Vol. 29, Issue: 3, Pp: 735-749, DOI: 10.1515/forum-2015-0185, Published: MAY 2017.	Todea Constantin- Cosmin – Fac. AC	Q2	4.500,00	4.500,00

6.	Rad, C.R., Hancu, O. , An improved nonlinear modelling and identification methodology of a servo-pneumatic actuating system with complex internal design for high-accuracy motion control applications, <i>SIMULATION MODELLING PRACTICE AND THEORY</i> , (ISSN 1569-190X), Vol. 5, Pp.: 29-47, DOI: 10.1016/j.simpat.2017.03.008, Published: JUN 2017.	Rad Ciprian - Radu – Fac. MEC	Q2	2.250,00	4.500,00
7.	Brzdek, J., Popa, D., Rasa, I. , Hyers-Ulam stability with respect to gauges, <i>JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS</i> , (ISSN 0022-247X), Vol. 453, Issue: 1, Pp. 620-628, DOI: 10.1016/j.jmaa. 2017.04.022, Published: SEP 1 2017.	Popa Dorian – Fac. AC	Q1	2.166,66	4.333,00
8.	Marinca, T.F., Chicinas, H.F., Neamtu, B. V., Isnard, O., Mesaros, A., Chicinas, I. , Composite magnetic powder of Ni ₃ Fe/Fe ₃ O ₄ type obtained from Fe/NiO/Fe ₂ O ₃ mixture by mechanosynthesis and annealing, <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> , (ISSN 0925-8388), Vol. 714, Pp. 484-492, DOI: 10.1016/j.jallcom.2017.04.263, Published: AUG 15 2017.	Marinca Traian-Florin Fac. IMM	Q1	1.083,33	5.417,00
9.	Popa, F., Chicinas, H.F., Marinca, T.F., Chicinas, I. , Influence of mechanical alloying and heat treatment processing on the Ni ₂ MnSn Heusler alloy structure, <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> , Vol. 716, Pp. 137-143, DOI: 10.1016/j.jallcom.2017.05.050, Published: SEP 5 2017.	Popa Florin – Fac. IMM	Q1	1.625,00	6.500,00
10.	Anitas, E.M., Slyamov, A., Todoran, R., Szakacs, Z. , Small-Angle Scattering from Nanoscale Fat Fractals, <i>NANOSCALE RESEARCH LETTERS</i> , Vol. 12, Article number: 389, DOI: 10.1186/s11671-017-2147-0, Published: JUN 5 2017.	Szakács Zsold László – Fac. de Științe	Q2	1.125,00	2.250,00
11.	Mocanu, G.R., Rasa, I. , Hormander Representations and Hill Trajectories for Certain Partial Differential Operators, <i>MEDITERRANEAN JOURNAL OF MATHEMATICS</i> , Vol.14, Article number: UNSP 32, DOI: 10.1007/0s00009-016-0839-9, Published: FEB 2017.	Rasa Ioan – Fac.AC	Q2	2.250,00	2.250,00
12.	Dippong, T. , Levei, E.A., Cadar, O., Mesaros, A. , Borodi, G., Sol-gel synthesis of CoFe ₂ O ₄ :SiO ₂ nanocomposites– insights into the thermal decomposition process of precursors, <i>JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS</i> , Vol.125, Pp.169-177, DOI: 10.1016/j.jaap.2017.04.005, Published: MAY 2017.	Dippong Thomas – Fac. de Științe	Q1	1.300,00	2.600,00

13.	Sanislav, T., Zeadally, S., Mois, G.D., A Cloud-Integrated, Multilayered, Agent-Based Cyber-Physical System Architecture, <i>COMPUTER</i> , Vol.50, Pp.27-37, Published: APR 2017.	Sanislav Teodora – Fac.AC	Q2	1.500,00	3.000,00
14.	Inoan, D., Variational relations problems via fixed points of contraction mappings, <i>JOURNAL OF FIXED POINT THEORY AND APPLICATIONS</i> , Vol.19, Pp.1571-1580, DOI: 10.1007/s11784-016-0393-x, Published: JUN 2017.	Inoan Daniela Ioana – Fac.AC	Q2	4.500,00	4.500,00
15.	Nistor, N., Stanciu, I.D., "Being sexy" and the labor market: Self- objectification in job search related social networks, <i>COMPUTERS IN HUMAN BEHAVIOR</i> , Vol.69, Pp.43-53, DOI: 10.1016/j.chb.2016.12.005, Published: APR 2017.	Stanciu Ionuț-Dorin – Departamentul de Specialitate cu Profil Psihopedagogic	Q1	3.250,00	3.250,00
16.	Dippong, T., Cadar, O., Levei, E.A., Leostean, C., Tudoran, L.B., Effect of annealing on the structure and magnetic properties of CoFe ₂ O ₄ :SiO ₂ nanocomposites, <i>CERAMICS INTERNATIONAL</i> , Vol.43, Pp.9145-9152, DOI: 10.1016/j.ceramint.2017.04.063, Published: AUG 15 2017.	Dippong Thomas – Fac. de Științe	Q1	1.300,00	1.300,00
17.	Dippong, T., Levei, E.A., Cadar, O., Goga, F., Borodi, G., Barbu-Tudoran, L., Thermal behavior of CoFe ₃ -xO ₄ /SiO ₂ Nanocomposites obtained by a modified sol-gel method, <i>JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY</i> , Vol.128, Pp.39-52, DOI: 10.1007/s10973-016-5930-8, Published: APR 2017.	Dippong Thomas – Fac. de Științe	Q2	750,00	750,00
18.	Barbosu, D., Miclaus, D., On the Voronovskaja-type formula for the Bleimann, Butzer and Hahn bivariate operators, <i>CARPATHIAN JOURNAL OF MATHEMATICS</i> , Vol.33, Pp.35-42, Published: 2017.	Bărbosu Dan – Fac. de Științe	Q2	2.250,00	4.500,00
19.	Crisan, S., Tebrean, B., Low cost, high quality vein pattern recognition device with liveness Detection. Workflow and implementations, <i>MEASUREMENT</i> , Vol.Pp.207-216, DOI: 10.1016/j.measurement.2017.05.053, Published: OCT 2017.	Crișan Septimiu – Fac. IE	Q1	3.250,00	6.500,00
20.	Laszlo, S., Minimax Results on Dense Sets and Dense Families of Functionals, <i>SIAM JOURNAL ON OPTIMIZATION</i> , Vol.27, Pp.661-685, DOI: 10.1137/16M1092714, Published: 2017.	Szilárd László – Fac.AC	Q1	6.500,00	6.500,00
21.	Postoyan, R., Busoniu, L., Nesic, D., Daafouz, J., Stability Analysis of Discrete-Time Infinite-Horizon Optimal Control With Discounted Cost, <i>IEEE TRANSACTIONS ON AUTOMATIC CONTROL</i> , Vol.62, Pp.2736-2749, DOI: 10.1109/TAC.2016.2616644,	Bușoniu Lucian – Fac.AC	Q1	1.625,00	1.625,00

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22.	Pop, F., Mihalescu, L. , Effects of alpha-tocopherol and citric acid on the oxidative stability of alimentary poultry fats during storage at low temperatures, <i>INTERNATIONAL JOURNAL OF FOOD PROPERTIES</i> , Vol.20, Pp.1085-1096, DOI: 10.1080/10942912.2016.1199037, Published: 2017.	Pop Flavia – Fac. de Științe	Q2	2.250,00	4.500,00
23.	Chiorean, C.G., Marchis, L.V. , A second-order flexibility based model for steel frames of tapered members, <i>JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH</i> , Vol.132, Pp.43-71, DOI: 10.1016/j.jcsr.2017.01.002, Published: MAY 2017.	Chiorean Cosmin - Gruia – Fac.Construcții	Q2	2.250,00	4.500,00
24.	Covaci, E., Senila, M., Ponta, M., Darvasi, E., Petreus, D. , Frentiu, M., Frentiu, T., Methylmercury determination in seafood by photochemical vapor generation capacitively coupled plasma microtorch optical emission spectrometry, <i>TALANTA</i> , Vol.170, Pp.464-472, DOI: 10.1016/j.talanta., DOI: 10.1016/j.talanta.2017.04.036, Published: AUG 1 2017.	Petreuș Dorin – Fac. ETTI	Q1	928,57	929,00
25.	Peter, A., Mihaly-Cozmuta, A., Nicula, C., Mihaly-Cozmuta, L. , Jastrzebska, A., Olszyna, A., Baia, L., UV Light-Assisted Degradation of Methyl Orange, Methylene Blue, Phenol, Salicylic Acid, and Rhodamine B: Photolysis Versus Photocatalysis, <i>WATER AIR AND SOIL POLLUTION</i> , Vol.228, Article number: 41, DOI: 10.1007/s11270-016-3226-z, Published: JAN 2017.	Peter Anca – Fac. de Științe	Q2	642,85	2.571,00
26.	Holhos, A., Rosca, D. , Area preserving maps and volume preserving maps between a class of polyhedrons and a sphere, <i>ADVANCES IN COMPUTATIONAL MATHEMATICS</i> , Vol.43, Pp.677-697, DOI: 10.1007/s10444-016-9502-z, Published: AUG 2017.	Holdoș Adrian – Fac.AC	Q2	2.250,00	4.500,00
27.	Mihaly-Cozmuta, A., Peter, A. , Craciun, G., Falup, A., Mihaly-Cozmuta, L., Nicula, C. , Vulpoi, A., Baia, M., Preparation and characterization of active cellulose-based papers modified with TiO ₂ , Ag and zeolite nanocomposites for bread packaging application, <i>CELLULOSE</i> , Vol.24, Pp.3911-3928, DOI: 10.1007/s10570-017-1383-x, Published: SEP 2017.	Mihaly-Cozmuța Anca, – Fac. de Științe	Q1	812.50	3.250,00
28.	Gavrea, I., Ivan, M. , On a new sequence of positive linear operators related to squared Bernstein polynomials, <i>POSITIVITY</i> , Vol.21, Pp.911-917, DOI: 10.1007/s11117-016-0442-0,	Gavrea Ioan – Fac.AC	Q2	2.250,00	4.500,00

	Published: SEP 2017.				
29.	Mois, G., Folea, S., Sanislav, T. , Analysis of Three IoT-Based Wireless Sensors for Environmental Monitoring, <i>IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT</i> , Vol.66, Pp.2056-2064, DOI: 10.1109/TIM.2017.2677619, Published: AUG 2017.	Mois George Dan – Fac.AC	Q1	2.166,66	6.500,00
30.	Heilmann, M., Rasa, I. , Eigenstructure and iterates for uniquely ergodic Kantorovich modifications of operators, <i>POSITIVITY</i> Vol.21, Pp.897-910, DOI: 10.1007/s11117-016-0441-1, Published: SEP 2017.	Rasa Ioan – Fac.AC	Q2	2.250,00	2.250,00
31.	Altomare, F., Cappelletti Montano, M., Leonessa, V., Rasa I. , A generalization of Kantorovich operators for convex compact subsets, <i>BANACH JOURNAL OF MATHEMATICAL ANALYSIS</i> , Vol.11, Pp.591-614, DOI: 10.1215/17358787-2017-0008, Published: JUL 2017.	Rasa Ioan – Fac.AC	Q2	1.125,00	1.125,00
32.	Ciurte, A., Nedevschi, S., Rasa, I. , Systems of nonlinear algebraic equations with positive solutions, <i>JOURNAL OF INEQUALITIES AND APPLICATIONS</i> , Article Number: 178, DOI: 10.1186/s13660-017-1454-4, Published: AUG 1 2017.	Ciurte Anca – Fac.AC	Q2	1.500,00	4.500,00
33.	Mitrici, S., Rada, S., Culea, E., Pop, L. , Popa, A., Bot, A., Macavei, S, Pana, O., David, L., Nickel-lead-borate glasses and vitroceraamics with antiferromagnetic NiO and nickel-orthoborate crystalline phases, <i>JOURNAL OF NON-CRYSTALLINE SOLIDS</i> , Vol.471, Pp. 349-356, DOI: 10.1016/j.jnoncrysol.2017.06.019, Published: SEP 1 2017.	Rada Simona – Fac. IMM	Q1	722,22	2.889,00
34.	Zhou, D.M., Wu, Y.M., Gao, F., Breaz, E. , Ravey, A., Miraoui, A., Degradation Prediction of PEM Fuel Cell Stack Based on Multiphysical Aging Model With Particle Filter Approach, <i>IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS</i> , Vol.53, Pages: 4041-4052, DOI: 10.1109/TIA.2017.2680406, Published: JUL-AUG 2017.	Breaz Elena – Fac.IE	Q1	1.083,33	1.083,00
35.	Stanciu, C.D., Marinca, T.F., Chicinas, I. , Isnard, O., Characterisation of the Fe-10 wt% Si nanocrystalline powder obtained by mechanical alloying and annealing, <i>JOURNAL OF</i>	Stanciu Cristina-Daniela – Fac.IMM	Q2	1.125,00	3.375,00

	<i>MAGNETISM AND MAGNETIC MATERIALS</i> , Vol.441, Pp.455-464, DOI: 10.1016/j.jmmm.2017.06.010, Published: NOV 1 2017.				
36.	Pustan, M., Birleanu, C., Dudescu, C. , Nanocharacterization of the adhesion effect and bending stiffness in optical MEMS, <i>APPLIED SURFACE SCIENCE</i> , Vol.421, Pp.191-199, DOI: 10.1016/j.apsusc.2016.12.021, Published: NOV 1 2017.	Pustan Marius – Fac.CM	Q1	2.166,66	6.500,00
TOTAL					124.619,00

Verificat
Director DMCDI
Conf.dr.ing. Ovidiu Nemeş

Întocmit
Admin.patrimoniu
Ing. Laura Moldovan