

## GRANTURI SUPORT - PUBLICAȚII 2018

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

APROBAT ÎN CA din 09.04.2019

Nr.crt	ARTICOL	Nr. Autori	Autor UTCN depunere cerere	Clasificare articol	Cota parte autor	Valoare grant UTCN
1	Aschilean I., <b>Giurca I.</b> , <i>Choosing a Water Distribution Pipe Rehabilitation Solution Using the Analytical Network Process Method</i> , WATER, (ISSN: 2073-4441), Volum: 10, Numar articol: 484, DOI: 10.3390/w10040484, Published: <b>APR 2018</b>	2	Giurca Ioan Fac. CONSTR	Q2	2.250,00	1*2.250,00 = 2.250 LEI
2	<b>Aschilean I., Iliescu M., Ciont N., Giurca I.</b> , <i>The Unfavourable Impact of Street Traffic on Water Distribution Pipelines</i> , WATER, (ISSN: 2073-4441), Volum 10, Numar articol: 1086, DOI: 10.3390/w10081086, Published: <b>AUG 2018</b>	4	Giurca Ioan Fac. CONSTR	Q2	1.125,00	4*1.125,00 = 4.500 LEI
3	<b>Pisla D., Birlescu I., Vaida C., Tucan P., Pisla A., Gherman B.</b> , Crisan N., <b>Plitea N.</b> , <i>ALGEBRAIC MODELING OF KINEMATICS AND SINGULARITIES FOR A PROSTATE BIOPSY PARALLEL ROBOT</i> , PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE, (ISSN: 1454-9069), Volum 19, pp.489-497, Published: <b>JUL-SEP 2018</b>	8	Pisla Doina Fac. CM	Q2	562,50	7*562,50 = 3.938 LEI
4	Zhu YA., Rakov V.A., Tran M.D., Lyu W., <b>Micu D.D.</b> , <i>A Modeling Study of Narrow Electric Field Signatures Produced by Lightning Strikes to Tall Towers</i> , JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, (ISSN: 2169-897X), Volum: 123, pp.10260-10277, DOI: 10.1029/2018JD028916, Published: <b>SEP 2018</b>	5	Micu Dan Doru Fac. IE	Q1	1.300,00	1*1.300,00 = 1.300 LEI

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5	Schweizerhof S., Demco D.E, Mourran A., <b>Fechete R.</b> , Moller M., <i>Polymers Diffusivity Encoded by Stimuli-Induced Phase Transition: Theory and Application to Poly(N-Isopropylacrylamide) with Hydrophilic and Hydrophobic End Groups</i> , MACROMOLECULAR CHEMISTRY AND PHYSICS, (ISSN: 1022-1352), Volum: 219, Numar articol: 1700587, DOI: 10.1002/macp.201700587, Published: <b>MAY 2018</b>	5	Fechete Radu Fac. IMM	Q2	900,00	1*900,00 =900 LEI
6	Schweizerhof S., Demco D.E, Mourran A., <b>Fechete R.</b> , Moller M., <i>Diffusion of Gold Nanorods Functionalized with Thermoresponsive Polymer Brushes</i> , LANGMUIR, (ISSN: 0743-7463), Volum: 34, pp. 8031-8041, DOI: 10.1021/acs.langmuir.8b01289, Published: <b>JUL 2018</b>	5	Fechete Radu Fac. IMM	Q1	1.300,00	1*1.300,00 =1.300 LEI
7	<b>Cobirzan N., Thalmaier G., Balog A.A., Constantinesc H.</b> , Timis I., Streza M., <i>Thermophysical properties of fired clay bricks with waste ceramics and paper pulp as pore-forming agent</i> , JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, (ISSN: 1388-6150), Volum: 134, pp.843-851, DOI: 10.1007/s10973-018-7092-3, Published: <b>OCT 2018</b>	6	Gyorgy Thalmaier Fac. IMM	Q2	750,00	4*750,00 = 3.000 LEI
8	<b>Bobb Vasile Catalin</b> , <i>THEMES OF EXISTENCE</i> , JOURNAL FOR THE STUDY OF RELIGIONS AND IDEOLOGIES, (ISSN: 1583-0039), Volum 17, pp.179-184, Published: <b>WIN 2018</b>	1	Bobb Vasile Catalin Fac. Litere, CUNBM	Erih int1	6.500,00	1*6.500,00 = 6.500 LEI
9	<b>Miholca M.</b> , <i>Cyclically antimonotone vector equilibrium problems</i> , OPTIMIZATION, (ISSN: 0233-1934), Volum: 67, pp.2191-2204, Volum: 67, pp.2191-2204, DOI: 10.1080/02331934.2018.1523405, Published: <b>DEC 2018</b>	1	Berchesan (Miholca) Livia-Mihaela Fac. AC	Q2	4.500,00	1*4.500,00 = 4.500 LEI

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10	Hoseinzadeh T., Solaymani S., Kulesza S., Achour A., Ghorannevis Z., <b>Talu S.</b> , Bramowicz M., Ghoranneviss M., Rezaee S., Boochani A., Mozaffari N., <i>Microstructure, fractal geometry and dye-sensitized solar cells performance of CdS/TiO2 nanostructures</i> , JOURNAL OF ELECTROANALYTICAL CHEMISTRY, (ISSN: 1572-6657), Volum: 830, pp.80-87, DOI: 10.1016/j.jelechem.2018.10.037, Published: <b>DEC 2018</b>	11	Talu Stefan DMCDI	Q1	590,90	1*590,90 = 591 LEI
11	<b>Dulf E.</b> , Vodnar D.C., Dulf F.V., <i>Modeling tool using neural networks for l(+)-lactic acid production by pellet-form Rhizopus oryzae NRRL 395 on biodiesel crude glycerol</i> , CHEMISTRY CENTRAL JOURNAL, (ISSN: 1752-153X), Volum: 12, Numar articol 124, DOI: 10.1186/s13065-018-0491-5, Published: <b>NOV 2018</b>	3	Dulf Eva-Henrietta Fac. AC	Q2	1.500,00	1*1.500,00 = 1.500 LEI
12	<b>Talu S.</b> , Sueiras V.M., Moy V.T., Ziebarth N.M., <i>Micromorphology analysis of the anterior human lens capsule</i> , MOLECULAR VISION, (ISSN: 1090-0535), Volum: 24, pp.902-912, Published: <b>DEC 2018</b>	4	Talu Stefan DMCDI	Q2	1.125,00	1*1.125,00 = 1.125 LEI
13	<b>Ciupan E., Ciupan C., Campean E.M.</b> , Stelea L., <b>Policsek C.E., Lungu F., Jucan D.C.</b> , <i>Opportunities of Sustainable Development of the Industry of Upholstered Furniture in Romania. A Case Study</i> , SUSTAINABILITY, (ISSN: 2071-1050), Volum: 10, Numar Articol: 3356, DOI: 10.3390/su10093356, Published: <b>SEP 2018</b>	7	Ciupan Emilia Fac. CM	Q2	642,86	6*642,86 = 3.857 LEI
14	Chiroiu V., <b>Brisan C.</b> , Dumitriu D., Munteanu L., <i>A sonification algorithm for developing the off-roads models for driving simulators</i> , MECHANICAL SYSTEMS AND SIGNAL PROCESSING, (ISSN: 0888-3270), Volum: 98, pp. 310-323, DOI: 10.1016/j.ymsp.2017.05.002, Published: <b>JAN 2018</b>	4	Brisan Cornel Fac. ARMM	Q1	1.625,00	1*1.625,00 = 1.625 LEI
15	<b>Cirstea S.D., Martis C.S.</b> , Cirstea A., <b>Constantinesc-Dobra A.</b> , Fulop M.T., <i>Current Situation and Future Perspectives of the Romanian Renewable Energy</i> , ENERGIES, (ISSN: 1996-1073), Volum: 11, Numarr Articol: 3289, DOI: 10.3390/en11123289, Published: <b>DEC 2018</b>	5	Cirstea Stefan Dragos Fac. IE	Q2	900,00	3*900,00 = 2.700 LEI

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16	<b>Pisla A.</b> , Niemann J., <i>Sustainable Potentials and Risks Assess in Automation and Robotization Using the Life Cycle Management Index ToolLY-MIT</i> , SUSTAINABILITY, (ISSN: 2071-1050), Volum: 10, Numar articol: 4638, DOI: 10.3390/su10124638, Published: <b>DEC 2018</b>	2	Pisla Adrian Fac. CM	Q2	2.250,00	1*2.250,00 = 2.250 LEI
17	Ma Y., Xu Y., Zhang S.H., <b>Banabic D.</b> , El-Aty A.A., Chen D.Y., Cheng M., Song H.W., Pokrovsky A.I., Chen G.Q., <i>Investigation on formability enhancement of 5A06 aluminium sheet by impact hydroforming</i> , CIRP ANNALS-MANUFACTURING TECHNOLOGY, (ISSN: 0007-8506), Volum: 67, pp.281-284, DOI: 10.1016/j.cirp.2018.04.024, Published: <b>2018</b>	10	Banabic Dorel Fac. CM	Q1	650,00	1*650,00 = 650 LEI
18	Alharthi H., Hazra S., Alghamdi A., <b>Banabic D.</b> , Dashwood R., <i>Determination of the yield loci of four sheet materials (AA6111-T4, AC600, DX54D+Z, and H220BD+Z) by using uniaxial tensile and hydraulic bulge tests</i> , INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, (ISSN: 0268-3768), Volum: 98, pp.1307-1319, DOI: 10.1007/s00170-018-2339-5, Published: <b>SEP 2018</b>	5	Banabic Dorel Fac. CM	Q2	900,00	1*900,00 = 900 LEI
19	Hu C.Q., Song H.W., Liu H., <b>Banabic D.</b> , Zhang S.H., Cheng M., Chen S.F., <i>A STATISTICAL MODEL FOR CONTACT ORIENTATION AND ANISOTROPY IN GRANULAR ASSEMBLIES</i> , PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE, (ISSN: 1454-9069), Volum: 19, pp.393-401, Published: <b>APR-JUN 2018</b>	7	Banabic Dorel Fac. CM	Q2	642,86	1*642,86 = 643 LEI
20	<b>Hints R., Vanca M.</b> ,Terkaj W., Marra E.D., Temperini S., <b>Banabic D.</b> , <i>A VIRTUAL FACTORY TOOL TO ENHANCE THE INTEGRATED DESIGN OF PRODUCTION LINES</i> , PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE, (ISSN: 1454-9069), Volum: 19, pp.499-508, Published: <b>JUL-SEP 2018</b>	6	Banabic Dorel Fac. CM	Q2	750,00	3*750,00 = 2.250 LEI

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21	Maat N., Larde R., Nachbaur V., Le Breton J.M., Isnard O., Pop.V., <b>Chicinas I.</b> , <i>Investigation by Mossbauer spectroscopy and atom probe tomography of the phase transformation of Nd-Fe-B alloys after high-energy ball milling</i> , JOURNAL OF APPLIED PHYSICS, (ISSN: 0021-8979), Volum: 124, Numar articol: 223905, DOI: 10.1063/1.5048619, Published: <b>DEC 2018</b>	7	Chicinas Ionel Fac. IMM	Q2	642,86	1*642,86 = 643 LEI
22	<b>Busoniu L.</b> , de Bruin T., Tolic D., Kober J., Palunko I., <i>Reinforcement learning for control: Performance, stability, and deep approximators</i> , ANNUAL REVIEWS IN CONTROL, (ISSN: 1367-5788), Volum: 46, pp.8-28, DOI: 10.1016/j.arcontrol.2018.09.005, Published: <b>2018</b>	5	Busoniu Lucian Fac. AC	Q2	900,00	1*900,00 = 900 LEI
23	<b>Ciont N., Cadar R.D., Cimpean D.S.</b> , <i>A ROAD TRAFFIC PREDICTION STUDY BASED ON WEIGH-IN-MOTION DATA</i> , PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE, (ISSN: 1454-9069), Volum: 19, pp.567-574, Published: <b>OCT-DEC 2018</b>	3	Ciont Nicolae Fac. CONSTR	Q2	1.500,00	3*1.500,00 = 4.500 LEI
	<b>TOTAL</b>					<b>52.322 LEI</b>