



## Articole ISI/ISI Proceedings în perioada 2017 – 2022

Anul publicării	Autori	Titlu lucrare	Volum	Factor impact
2022	Ghisman V.; Muresan A.C.; Buruiana D.L.; Axente E.R.	Waste Slag Benefits for Correction of Soil Acidity	<i>Scientific Reports</i> , Volume 12, Issue 1, Article Number 16042	4,997
2022	Bogatu N.; ; Benea L.; Buruiana D.L.; Basliu V.; Celis J.P.	Nanostructuring Effect of Nano- CeO <sub>2</sub> Particles Reinforcing Cobalt Matrix during Electrocodeposition Process	<i>Nanomaterials</i> Volume 12, Issue 17, Article Number 2923	5,719
2022	Popescu B.; Palade P.; Sofronie M.; Kuncser A.; Gurau C.; Gurau G.; Tolea F..	Effects of the Severe Plastic Deformation on the Magnetic Properties of Zr <sub>13</sub> Co <sub>87</sub> Ribbons	<i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> Vol, 53, pag. 172– 178	2.556
2022	Boredei M.; Tudor B.	Experimental Research Regarding the Rolling Technology of The Fe-Ni Alloys	<i>Archives of Metallurgy and Materials</i> Volume 67, Issue 2; Page 501-505	0,633
2022	Musat V.; Herbei E.E.; Anghel E.M.; Jank M.P.; Oertel S.; Timpu D.; Frangu L.	Low-Temperature and UV Irradiation Effect on Transformation of Zirconia -MPS nBBs-Based Gels into Hybrid Transparent Dielectric Thin Films	<i>Gels</i> Volume 8, Issue 2 Article Number 68	4,432
2022	Paraschiv, LS; Paraschiv, S; Dragan, M	A web application to calculate the mass defect and nuclear binding energy per nucleon	<i>ENERGY REPORTS</i> , Volume 8 , pp.342-350	

2022	Ilie, OD, Bolos, A, Nita, IB, Cojocariu, RO, Balmus, IM, Ciobica, A, Trus, C, Doroftei, B	Preliminary Data on Gastrointestinal Deficiencies Incidence and the Prevalence of Anxiety During the COVID-19 Pandemic Among the Medical Workers	<i>Journal of Nervous and Mental Disease</i> , 210 (2), 2022, 98-103	
2022	Mavroudis, I, Kazis, D, Petridis, F, Chatzikonstantinou, S, Karantali, E, Njau, S, Costa, V, Ciobica, A, Trus C (autor correspondent), Balmus I, Baloyannis, S	Morphological and morphometric changes in the Purkinje cells of patients with essential tremor	<i>Experimental and Therapeutic Medicine</i> , 23 (2), 2022, 167	
2021	Buruiana D.L.; Herbei E.; Ceoromila M.; Busila M.; Trus C.; Bogatu N.; Ghisman V.	Investigation of Corrosion of A and E36 Naval Steels Using Potentiodynamic Polarization and Modified Prohesion Test	<i>International Journal of Electrochemical Science</i> Volume 16, Issue 11, Article Number 21111	1,541
2021	Zahra, KF, Lefter, R, Ali, A, Abdellah, EC, Trus, C (autor corespondent), Ciobica, A, Timofte, D	Involvement of the Oxidative Stress Status in Cancer Pathology: A Double View on the Role of the Antioxidants	<i>Oxidative Medicine and Cellular Longevity</i> , Volume 2021, 2021, 9965916	
2021	Honceriu C, Curpan A-S, Ciobica A, Ciobica A, Trus C (autor correspondent), Timofte D	Connections between Different Sports and Ergogenic Aids— Focusing on Salivary Cortisol and Amylase	<i>Medicina-Lithuania</i> , 57(8), 2021, 753	
2021	Buruiana D.L.; Obreja C.; Herbei E.; Ghisman V.	Re-Use of Silico-Manganese Slag	<i>SUSTAINABILITY</i> Volume 13, Issue 21, Article Number 11771	3,889
2021	Karantali E, Chatzikonstantinou S, Mavroudis I, Trus C, Kazis D	Cognitive Status Epilepticus: Two Case Reports	<i>Medicina-Lithuania</i> , 57(8), 2021, 799	
2021	Buruiana D.L.; Sachelarie A.; Butnaru C.; Ghisman, V.	Important Contributions to Reducing Nitrogen Oxide Emissions from Internal Combustion Engines	<i>International Journal of Environmental Research And Public Health</i>	4,614

			Volume 18, Issue 17, Article Number 9075	
2021	Muresan A.C. ; Buruiana, D.L.; Istrate G.G.; Pintilie, S.C.	Effect of Electrodeposition Parameters on the Morphology, Topography and Corrosion Resistance of Epoxy Resin/Zinc Hybrid Coatings	<i>Materials</i> Volume 14, Issue 8, Article Number 1991	3,748
2021	Zaharescu A.M. ; Susanu C. ; Popa S.P.; Nistor, O.L.; Matei M.N.; Buruiana, D.L. ; Budacu C.C.	Surgical Approach in The Oro- Maxilo-Facial Sphere Of The Patient With Neuro- Psychological Pathology Epilepsy	<i>Romanian Journal of Oral Rehabilitation</i> Volume 13, Issue 2, Page 232-240	0,33
2021	Buzia O.D. ; Matei M.N.; Nechita A. ; Topor G. ; Buruiana D.L.; Girbacea C.M.; Tatu A.L.; Gurau G.; Earar K.	Semi - Solid and Solid Pharmaceutical Forms Based on Pasture. Microbiological Study	<i>Romanian Journal of Oral Rehabilitation</i> Volume 13, Issue 2 Page 248-259	0,33
2021	Popa S.P. ; Susanu C; Nistor O.L.; Matei M.N. ; Zaharescu A.M.; Buruiana D.L.; Palivan C.C.M.; Budacu C.C.	Planning The Complex Oral Rehabilitation of Patients On A Psychiatric Pathology - Schizophrenia	<i>Romanian Journal of Oral Rehabilitation</i> Volume 13, Issue 2 Page 260-267	
2021	Elena Rodica Popescu, Suzana Semeniuc, Luminita Diana Hritcu, Cristina Elena Horhoge, Mihaela Claudia Spataru, Constantin Trus, Romeo Petru Dobrin, Vasile Chirita, Roxana Chirita	Cortisol and Oxytocin Could Predict Covert Aggression in Some Psychotic Patients	<i>Medicina- Lithuania, 57(8), 2021, 760</i>	
2021	Muresan A.C.; Buruiana D.L.; Carp G.B.; Berbece S.; Trus C.	Evaluation of Corrosion Resistance in 3.5% NaCl Solution of Hybrid Coatings Obtained from Plastics Materials	<i>Materiale plastice</i> Volume 58, Issue 1 Page 201-209	0.782
2021	Gurau G.; Gurau C. ; Fernandes F.M.B.; Silva R.J.C.; Marin F..	Using High Speed High Pressure Torsion for Cu-13Al-4Ni Shape Memory Alloy Processing	<i>Transactions of the Indian Institute of Metals</i> Volume 74, Pages 2459-2469	1,499

2021	Estaphan S, Curpăn A-S, Khalifa D, Rashed L, Ciobica A, Cantemir A, Ciobica A, Trus C, Ali M, Shams Eldeen A	Combined Low Dose of Ketamine and Social Isolation: A Possible Model of Induced Chronic Schizophrenia-Like Symptoms in Male Albino Rats	<i>Brain Sciences</i> . 11(7):917	
2021	Mavroudis, I, Petrides, F, Kazis, D, Chatzikonstantinou, S, Karantali, E, Ciobica, A, Iordache, AC, Dobrin, R, Trus, C, Njau, S, Costa, V, Baloyannis, S	Morphological alterations of the pyramidal and stellate cells of the visual cortex in schizophrenia	<i>Experimental And Therapeutic Medicine</i> , Volume 22, Issue 1, Article Number 669	
2021	Eleni Karantali, Dimitrios Kazis, Vasileios Papavasileiou, Angeliki Prevezianou, Symela Chatzikonstantinou, Foivos Petridis, Jack McKenna, Alina-Costina Luca, Constantin Trus, Alin Ciobica, and Ioannis Mavroudis	Serum BDNF Levels in Acute Stroke: A Systematic Review and Meta-Analysis	<i>Medicina-Lithuania</i> , 57(3), 2021, 297	
2021	Mavroudis Ioannis, Foivos Petrides, Eleni Karantali, Symela Chatzikonstantinou, Jack McKenna, Alin Ciobica, Alin-Constantin Iordache, Romeo Dobrin, Constantin Trus, and Dimitrios Kazis	A Voxel-Wise Meta-Analysis on the Cerebellum in Essential Tremor	<i>Medicina-Lithuania</i> , 57(3), 2021, 264	
2021	Gurau C.; Gurau G.; Tolea F.; Popescu B.; Banu M.; Bujoreanu L.G.	The Effect of the In-Situ Heat Treatment on the Martensitic Transformation and Specific Properties of the Fe-Mn-Si-Cr Shape Memory Alloys Processed	<i>Materials</i> , Volume 14 (16), Article number 4621	3,623

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2021	Popescu B.; Gurau C.; Gurau G.; Tolea M.; Sofronie M.; Tolea F.	Martensitic Transformation and Magnetic Properties of Ni <sub>57</sub> Fe <sub>18</sub> Ga <sub>25</sub> Shape Memory Alloy Subjected to Severe Plastic Deformation	<i>Transactions of the Indian Institute of Metals</i> Volume 74, Pages 2491–2498	1,499
2021	Samomssa I.; Nono Y.J.; Cârâc G.; Gurău G.; Dinică M.R.; Kamg, R..	Optimization of fuel briquette production from cassava peels, plantain peels and corn cobs	<i>Journal of Material Cycles and Waste Management</i> Volume 23, pages 1905-1917	2,863
2021	Birsan I.G.; Pintilie, S.C.; Pintilie L.G.; Lazar A.L.; Circiumaru A.; Balta S.	New Understanding of the Difference in Filtration Performance between Anatase and Rutile TiO <sub>2</sub> Nanoparticles through Blending into Ultrafiltration PSF Membranes	<i>Membranes</i> Volume 11; Issue 11 Article Number 841	4,562
2021	Mușat V.; Anghel E.M.; Zaharia A. ; Atkinson I.; Mocioiu O.C.; Bușilă M.; Alexandru P.	A Chitosan-Agarose Polysaccharide-Based Hydrogel for Biomimetic Remineralization of Dental Enamel	<i>Biomolecules</i> , Volume 11, Issue 8 Article Number 1137	6,064
2021	Marques F.; Tăbăcaru A.; Bușilă M.; Pinheiro T.; Matos A.P.	Modification of ZnO nanoparticles with silanes enables their application as anticancer agents	<i>Annals of Medicine</i> , Volume 53, Page S31-S32	5,348
2021	Muresan A.C.; Benea L.	Influence of Electrodeposition Parameters on Morphology and Polymer Inclusion into Polymer/Zn Composite Coatings	<i>Materiale Plastice</i> , vol. 58, issue 4, pp.138-146	0,782
2021	Paraschiv, S; Paraschiv, LS and Serban, A	Increasing the energy efficiency of a building by thermal insulation to reduce the thermal load of the micro-combined cooling, heating and power system	<i>ENERGY REPORTS</i> 7 , pp.286-298	
2021	Stefanescu, BI, Adam, AM, Constantin, GB, Trus, C	Single Fetal Demise in Twin Pregnancy-A Great Concern but Still a Favorable Outcome	<i>Diseases</i> , 9(2), 33	
2021	Simona Moldovanu, Cristian-Dragos Obreja, Keka C. Biswas and Luminita Moraru	Towards Accurate Diagnosis of Skin Lesions Using Feedforward Back Propagation Neural Networks	<i>Diagnostics</i> , 11(6), 936	
2020	Kinda PT, Guenne S, Basile T, Ouedraogo N, Compaore M, Bayala B,	Brain protection and anti-amnesic effects assessment of datura innoxia mill. aqueous extracts	<i>Farmacologia</i> , 68 (2), 261-268	

	Bild W, Dobrin R, Trus C, Ciobica A, Kiendrebeogo M			
2020	Dobrin I, Chirita R, Dobrin R, Birsan M, Stefanescu C, Trus C, Cristofor AC	Social Intervention as an Adjuvant Therapy for Patients with Schizophrenia	<i>Revista de Cercetare si Interventie Sociala</i> , 68, 261-270	
2020	Serban C, Constantin GB, Firescu D, Rebegea L, Manole CP, Mihailov R, Trus C, Voicus D, Birla R	Perforated Ileal GIST Associated with Meckel Diverticulum - A Rare Pathological Entity of Surgical Acute Abdomen	<i>Chirurgia</i> , 115 (3), 404-409	
2020	Palivan C.C.M.; Dumitru I.F.; Neagu I.; Maris M.; Buruiana D.L.; Carp B.G.; Topor G.; Peiu S.N.	Diabetes As a Risk Factor In Prosthetic Oral Rehabilitation	<i>Romanian Journal of Oral Rehabilitation</i> Volume 12, Issue 3, Page 85-97	0,33
2020	Cerghizan D.; Neagu I.; Maris M.; Buruiana D.L.; Condurache G.G.; Topor G.; Matei M.N.	Interrelation Between Prosthetic and Orthodontic Treatment	<i>Romanian Journal of Oral Rehabilitation</i> Volume 12, Issue 3, Page 145-156	0,33
2020	Paraschiv, S; Paraschiv, LS; (...); Cristea, AG	Assessment of onshore wind energy potential under temperate continental climate conditions	<i>ENERGY REPORTS</i> , Volume 8 , pp.251-258	
2020	Paraschiv, S; Barbuta-Misu, N and Paraschiv, SL	Influence of NO <sub>2</sub> , NO and meteorological conditions on the tropospheric O <sub>3</sub> concentration at an industrial station	<i>ENERGY REPORTS</i> 6, pp.231-236	
2020	Gurau G.; Gurau C.; Braz Fernandes F. M.; Alexandru P.; Sampath V.; Marin M.; Galbinasu B.M.	Structural Characteristics of Multilayered Ni-Ti Nanocomposite Fabricated by High Speed High Pressure Torsion (HSHPT)	<i>Metals</i> , Volume 10, Issue 12, article number 1629	2,351
2020	Gurau C.; Gurau G.; Mitran V.; Dan A., Cimpean A.	The Influence of Severe Plastic Deformation on Microstructure and In Vitro Biocompatibility of the New Ti-Nb-Zr-Ta-Fe-O Alloy Composition	<i>Materials</i> , Volume: 13, Issue: 21 , Article Number: 4853	3,623

2020	Popa M.; Mihalache E.; Cojocaru V.D.; Gurau C.; Gurau G.; Cimpoesu N.; Pricop B.; Comaneci R.I.; Vollmer M.; Krooss P.; Niendorf T.; Bujoreanu L.G.	Effects of Thermomechanical Processing on the Microstructure and Mechanical Properties of Fe-Based Alloys	<i>Journal Of Materials Engineering And Performance</i>	1,476
2020	Pintilie S.C.; Pintilie L.G.; Balta S.; Birsan I.G.	Influence of ZnO Nanomaterial Shape on UF Membrane Properties: a Comparative Study Between Nanoparticles And Nanowires	<i>Materiale Plastice</i> , Volume 57, Issue 4, Page 55-69	0,782
2020	Bușilă M.; Tăbăcaru A.; Mușat V.; Vasile B.S.; Neacșu I.A.; Pinheiro T.; Roma-Rodrigues C.; Baptista P.V.; Fernandes A.R.; Matos A.P.; Marques F.	Size-dependent biological activities of novel fluorescent organosilane-modified zinc oxide nanoparticles	<i>Journal Of Biomedical Nanotechnology</i> Volume 16; Issue 2; Page 137-152	3,641
2020	Paraschiv, LS; Acomi, N; (...); Paraschiv, S	A web application for analysis of heat transfer through building walls and calculation of optimal insulation thickness	<i>ENERGY REPORTS</i> 6 , pp.343-353	
2020	Paraschiv, S; Barbuta-Misu, N and Paraschiv, LS	Technical and economic analysis of a solar air heating system integration in a residential building wall to increase energy efficiency by solar heat gain and thermal insulation	<i>ENERGY REPORTS</i> 6 , pp.459-474	
2019	Murariu G.; Iticescu, C.; Murariu A.; Rosu B.; Munteanu D.; Buruiana D.L.	Assessment of Water Quality State Dynamics Using Adaptive Filtering Methods and Neural Networks Approaching Case study - Danube River in Galati area	<i>Revista de Chimie</i> Volume 70, Issue 6 Page 1914-1919	
2019	Alexandru P.; Radu T.; Potecasu F.; Vlad M.; Istrate G.G.; Buruiana D.L.; Carp B.G.	Structural Analysis of Thin Ni-P Layers	<i>Revista de Chimie</i> , Volume 70, Issue 4 Page 1466-1470	

2019	Alexandru P.; Carp B.G.	Determination of Correlation Between Composition, Rolling Parameters and Mechanical Characteristics of the Hot Rolled Steels	<i>Materiale plastice</i> Volume 56, Issue 1 Page 224-228	0,782
2019	Gurau C.; Gurau G.; Tolea F.; Sampath V.	Structural evolution of the NiTi/NiFeGa smart hybrid material during severe plastic deformation	<i>Digest Journal Of Nanomaterials And Biostructures,</i> Volume: 14, Issue: 3 Pages: 539-546	0,638
2019	Statescu C, Honceriu C, Jurcau RN, Trus C	An Original Study on the Correlations Between Magnesium and Depression and Their Cardiovascular Relevance	<i>Revista de Chimie,</i> 70 (11), 4102-4104	
2019	Statescu C, Honceriu C, Trus C	Does Magnesium Deficient Diet and its Associated Metabolic Dysfunctions Induces Anxiety-like Symptoms Further cardiovascular relevance	<i>Revista de Chimie,</i> 70 (10), 3579-3581	
2019	Gurau G.; Gurau C.; Tolea F.; Sampath V.	Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation	<i>Materials,</i> Volume: 12, Issue: 12, Article Number: 1939	2,972
2019	Paraschiv, LS; Paraschiv, S and Ion, IV	Investigation of wind power density distribution using Rayleigh probability density function	<i>Energy Procedia</i> 157 , pp.1546-1552	
2019	Gurau G.; Gurau C.; Tolea F.; Sampath V.	Structural Change in Ni-Fe-Ga Magnetic Shape Memory Alloys after Severe Plastic Deformation	<i>Materials,</i> Issue: 12, 2019, Volume: 12, Article Number:1939	2,972
2019	Gurau C.; Gurau G.; Tolea F; Sampath V.	Structural Evolution Of The Niti/Nifega Smart Hybrid Material During Severe Plastic Deformat Ion	<i>Digest Journal Of Nanomaterials And Biostructures,</i> Issue: 3, 2019,Volume: 14, Pages: 539-546	0,638
2019	Tăbăcaru A.; Pettinari C.; Bușilă M.; Dinică R.M.	New antibacterial silver(I) coordination polymers based on a flexible ditopic pyrazolyl-type ligand	<i>Polymers</i> Volume 11, issue 10, Article number 1686;	3,542
2019	Ciubotariu A.C.; Benea L.; Ponthiaux P.	Corrosion resistance of zinc–resin hybrid coatings obtained by electro-codeposition	<i>Arabian Journal of Chemistry</i> vol. 12, issue 8, pp. 4427–4437	6,212



2018	Paleu V.; Gurau G.; Comaneci R.I; Sampath V.; Gurau C.; Bujoreanu L.G.	A new application of Fe-28Mn-6Si-5Cr (mass%) shape memory alloy, for self-adjustable axial preloading of ball bearings	<i>Smart Materials And Structures</i> Volume 27, Issue 7, Article Number 075026	3,543
2018	Gurau C.; Gurau G.; Sampath V.	Structural study and phase transformation of Cu-Al-Ni shape memory alloy produced by severe plastic deformation	<i>Indian Journal Of Engineering And Materials Sciences</i> , Volume: 25, issue 1, Pages: 5-10	0,794
2018	Tiron L.G.; Vlad M.; Balta S.	Research on Hydrophilic Nature of Polyvinylpyrrolidone on Polysulfone Membrane Filtration	EUROINVENT ICIR 2018 Book Series IOP Conference Series-Materials Science and Engineering Volume 374, Article Number 012059	
2018	Mihalache I.; Pintilie C.S.; Birsan I.G.; Danaila E.; Balta S.	Research Regarding Membrane Filtration Capacity of Water Collected from Siret River	<i>EUROINVENT ICIR 2018</i> Book Series IOP Conference Series-Materials Science and Engineering Volume 374, Article Number 012042	
2018	Van der Bruggen B.; Daniels D.; Vanroelen M.; Van Gerven T.; Balta S.	Closing The Materials Cycle in Pyrometallurgical Production Of Lead From Waste Fractions: Hydrometallurgical Purification Of Iron Containing Waste In View Of Recycling	<i>Environmental Engineering and Management Journal</i> Volume 17, Issue 2 Page 381-390	0,858
2018	Tiron L.G.; Pintilie, S.C.; Lazar A.L.; Vlad M.; Balta S.; Bodor M.	Influence of Polymer Concentration on Membrane Performance in Wastewater Treatment	<i>Materiale Plastice</i> , Volume 55, Issue 1, Page 54-62	0,782
2018	Pintilie, S.C.; Tiron L.G.; Lazar A.L.; Vlad M.; Birsan I.G.; Balta S.	The Influence of ZnO/TiO <sub>2</sub> Nanohybrid Blending on the Ultrafiltration Polysulfone Membranes	<i>Materiale Plastice</i> , Volume 55, Issue 1, Page 95-98	0,782

2018	Spiru, P and Lizica-Simona, P	Technical and economical analysis of a PV/wind/diesel hybrid power system for a remote area	<i>Energy Procedia</i> 147, pp.343-350	
2017	Murariu G.; Hahuie V.; Murariu A.G.; Georgescu L.; Calin M.A.; Buruiana D.; Soare I.; Onica M.; Carp G.B.	Growth Rate Modeling for White Poplar In The South Eastern Part Of Romania: An Important Issue Of Forest Conservation	<i>International Journal of Conservation Science</i> , Volume 8, Issue 2, Page. 303-316	1,74
2017	Murariu G.; Hahuie V.; Murariu L.; Georgescu L.; Iticescu C.; Calin M.A.; Preda C.; Buruiana D.; Carp G.B.	Forest Monitoring Method Using Combinations of Satellite and UAV Aerial Images. Case Study Balabanesti Forest	<i>International Journal of Conservation Science</i> , Volume 8, Issue 4, Page. 703-714	1,74
2017	Tiron L.G.; Pintilie S.C.; Vlad M.; Birsan I.G.; Balta S.	Characterization of Polysulfone Membranes Prepared with Thermally Induced Phase Separation Technique	<i>International Conference on Innovative Research - ICIR Euroinvent 2017</i> Book Series Iop Conference Series-Materials Science and Engineering Volume 209, Article Number 012013	
2017	Pintilie S.C.; Tiron L. G.; Birsan I.G.; Ganea D.; Balta S.	Influence of ZnO Nanoparticle Size and Concentration on the Polysulfone Membrane Performance	<i>Materiale Plastice</i> , Volume 54, Issue 2 Page 257-261	0,782
2017	Neacsu M.I.; Chiriac R.E.; Chiriac A.; Pandia O.; Saracin I.	Experimental Research On The Influence Of Soaking Aging Type On Some Mechanical Properties Of The Alloy AlZn5,7MgCu	<i>Metalurgija</i> Volume 56, Issue 1-2 Page 215-218	0,2
2017	Neacsu M.I.; Chiriac R.E.; Chiriac A.; Pandia O.; Saracin I.	Technological Parameters Optimization Of The AlZn5Mg3Cu Alloy Thermomechanical Treatment Process	<i>Metalurgija</i> Volume 56, Issue 1-2 Page 215-218	0,2

2017	Zaharia A.; Mușat V., Anghel E.M.; Atkinson I.; Mocioiu O.C.; Bușilă M.; Ghisman V.	Biomimetic chitosan- hydroxyapatite hybrid biocoatings for enamel remineralization	<i>Ceramics International</i> , Volume 43, pages 11390–11402	2,986
2017	Danaila E.; Benea L.	The Effect of Normal Force on Tribocorrosion Behaviour of Ti- 10Zr Alloy and Porous TiO <sub>2</sub> - ZrO <sub>2</sub> Thin Film Electrochemical Formed	<i>IOP Conf. Series: Materials Science and Engineering</i> volume, article numaber 012015 pp 1-6	
2017	Dumitrasu V.; Benea L.; Danaila E.	Corrosion Behavior of Aluminum Oxide Film Growth by Controlled Anodic Oxidation	<i>IOP Conf. Series: Materials Science and Engineering</i> Volume 209, article number 012016, pp 1 – 7	
2017	Benea L.; Danaila E.	Development of Electrodeposited Zn/nano-TiO <sub>2</sub> Composite Coatings with Enhanced Corrosion Performance	<i>IOP Conf. Series: Materials Science and Engineering</i> Volume 209, article number 012014, pp. 1 – 9,	
2017	Luminița Moraru, Cristian-Dragoș Obreja	Retinal vessel enhancement based on Gaussian function	<i>American Institute of Physics (AIP) Conference Proceedings</i> , vol. 1796, 040007	
2017	Benea L.; Danaila E. Lidia BENEĂ, <u>Eliza</u> <u>DĂNĂILĂ</u> , Pierre PONTHIAUX, Jean- Pierre CELIS	Improving tribocorrosion behaviour by electro-codeposition of TiC nano-dispersed particles with nickel as hybrid layers for energy applications	<i>IOP Conference Series: Materials Science and Engineering</i> , Volume 174, 2017, 012045, pp 1-8	