



## Articole Baze de Date Internaționale în perioada 2017 – 2022

Anul publicării	Autori	Titlu lucrare	Volum
2022	Aura OSANU, Liviu ENACACHE, Marius BODOR	The Evolution of CO <sub>2</sub> Emissions from the Heating Systems of a Large City	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.45, nr 2, pp. 5 - 11
2022	Natalia Begleț, Viorica Ghisman, Cristian Dragoș Obreja, Daniela Laura Buruiană,	Improving The Efficiency Of Industrial Processes For Reducing The Energy Bill	ACROSS: Advanced Research in Engineering, ISSN 2602-1463, Vol 5, No 3
2022	Daniela Laura Buruiana, Viorica Ghisman and Cristian Dragoș Obreja	Microplastic Pollution In The Aquatic Environment, Applying A Case Study: Lower Danube-Black Sea Area - A Review	MASET-22, MLHES-22 & EMLS-22 International Conference Proceedings, ISBN – 978-989-53228-8-6, Milan (Italy).
2022	Daniela L. Buruiana, Gabriel B. Carp, Alina C. Muresan, Alina M. Ceoromila, Cristian D. Obreja, Viorica Ghisman, and Elena Roxana Axente	Detection of Biomass in Lake Areas using Artificial Intelligence: Applying a Study Case-Brates Lake, Galati, Romania	42nd MADRID International Conference on “Advances in Science & Technology” (MICAST-2022), ISBN- 978-989-9121-05-8, June 22-24, Madrid (Spain)
2022	Simona BOICIUC	Studies and Research on Electrochemically Obtaining Zinc Matrix Composite Materials Using the Al <sub>2</sub> O <sub>3</sub> Dispersion Phase	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.45, nr 2, pp. 27 - 32
2022	Simona BOICIUC	Obtaining Thin Films of ZnO Through Thermal Evaporation in Vacuum and Oxidation	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.45, nr 2, pp. 33 - 38
2021	Viorica Ghisman, Alina Mihaela Ceoromila, Cristian Dragoș Obreja, Daniela Laura Buruiana	Studies On Cooling Water Reuse From Steel Slag	21st International Multidisciplinary Scientific GeoConference SGEM 2021, Section Ecology And Environmental Protection, 14 - 22 August, 2021, Bulgaria
2021	Viorica Ghisman, Cristian-Dragoș Obreja, Gabriel Bogdan Carp, Daniela Laura Buruiana	Studies On The Reuse Of Steel Slag For Environmental Protection	21st International Multidisciplinary Scientific GeoConference SGEM 2021, Section Ecology And Environmental Protection, 14 - 22 August, 2021, Bulgaria
2021	Florin Bogdan MARIN, Mihaela MARIN	Drone Detection Using Image Processing Based on Deep Learning	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 4, pp. 36 - 39
2021	Mihaela MARIN Florin Bogdan MARIN,	Determination of Porosity in Fluidized - Bed Carburized P/M Compacts Using an Image Software Analysis	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 4, pp. 40 - 43
2021	Florin Bogdan MARIN, Mihaela MARIN	CFD Modeling of Aerodynamic Car Brake Cooling System	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-

			Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 4, pp. 44 - 47
2021	Beatrice Daniela TUDOR, Bianca Teodora BUCEVSCHI	Analysis of the Influence of Pesticides on the Soil in an Agricultural Area	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 4, pp. 60 - 66
2021	Florin Bogdan MARIN, Mihaela MARIN	CFD Modeling and Simulation of an Industrial Hall	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 4, pp. 86 - 90
2021	Simona BOICIUC	Studies and Research on the Influence of Deposit Parameters on the Characteristics of Composite Coatings Ni-Al <sub>2</sub> O <sub>3</sub> obtained by Electrochemical Methods	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 3, pp. 17 - 21
2021	Simona BOICIUC	Studies and Research on Obtaining Multifunctional Thin Films by Magnetron-Assisted PVD Process	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 3, pp. 22 - 26
2021	Nelu CAZACU	Use of Taguchi Methods for Hierarchy of Influence Factors in the Application of Carbonitration in a Fluidized Bed Steel for 41Cr4 Steel	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 3, pp. 36 - 47
2021	Marian-Iulian NEACȘU	Mathematical Modeling in View of Property Prediction of DD11 Steel Laminated in LBC Liberty Galati	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 2, pp. 5- 10
2021	Marian-Iulian NEACȘU	Mathematical Modeling of the Cold Rolling Process and Heat Treatment for DC01 Stee	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 2, pp. 35- 38
2021	Gina Genoveva ISTRATE, Alina Crina MUREȘAN	Corrosion Behavior of Materials Al5083 Alloy, 316L Stainless Steel and A681 Carbon Steel in Seawater	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 2, pp. 39-46
2021	Nelu CAZACU	Analysis of the Behavior in the Wind Tunnel of an Experimental Model of Savonius with Interlocking Cups with the Classic Ones with 2, 3 and 4 Semi-Cylindrical Cups	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol.44, nr 1, pp. 11-18
2020	Elisabeta VASILESCU, Marian-Iulian NEACȘU	Mathematical Modeling of the Graphitization Process Applied to Nodular Cast Iron Parts	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 4, pp. 17-21
2020	Marian BORDEI	Considerations Regarding the Evolution of the Solidified Crust at the Continuous Casting Steel	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 4, pp. 22-24
2020	Marian BORDEI	Considerations Regarding the Evolution of the Steel Thermal State in the Continuous Casting Plant	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 4, pp. 25-27
2020	Florentina POTECASU, Petrică ALEXANDRU	Obtaining and Characterizing Phosphatic Porcelain	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 4, pp. 28-33
2020	Veaceslav NEAGA, Lidia BENEĂ	The Effect of Fluoride Containing Toothpaste on the Electrochemical	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-

		Behavior of 316L Stainless Steel for Dentistry Applications in the Human Saliva	Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 4, pp. 34-41
2020	Florin Bogdan MARIN, Mihaela MARIN	Real-Time Raindrop Detection Based on Deep Learning Algorithm	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 4, pp. 47-50
2020	Ștefan PINTILIE, Geanina Laurenția PINTILIE, Ștefan BALTĂ	Utilization of Smartphone Light Sensors as Light Transmission Analyzer During the Obtaining of Polymeric Phase Inversion Membranes	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 3, pp. 5-9
2020	Simona BOICIUC	CuO Films Obtained by Oxidation of Cu Layers Deposited by the PVD Process - Magnetron Sputtering	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 3, pp. 15-20
2020	Simona BOICIUC	Studies and Research on the Corrosion Behavior of Ni-Al <sub>2</sub> O <sub>3</sub> Compound Coatings Obtained by Electrochemical Methods	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 3, pp. 21-25
2020	Nelu CAZACU	Control Factors on the Heat Treatment Process Applied to A537 Steel for Increasing Hardness Using Hardening and Tempering	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 3, pp. 37-42
2020	Nelu CAZACU	The Influence of the Number of Semi-Cylindrical Cups on the Behavior of an Experimental Model of Vertical Axis Wind Turbine at Low Wind Speed and no Load	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 3, pp. 43-53
2020	Marius BODOR	Indoor Concentration and Composition of Fine Particulate Matter (PM <sub>2.5</sub> ) Near an Intense Circulated Road in an Industrial City	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 2, pp. 5-10
2020	Mircea Viorel DRAGAN, Beatrice Daniela TUDOR	Studies and Research on the Control of the Residual Gas Leaks in a Casting Metal Parts Workshop	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 2, pp. 11-15
2020	Marian BORDEI, Bogdan CARP	Experiments Regarding Thermal and Mechanical Deformations of Continuous Cast Steel Wire	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 2, pp. 16-19
2020	Marian BORDEI, Bogdan CARP	Experiments Regarding the Fabrication of the Higher Strength Steels Plates	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 2, pp. 20-23
2020	Tamara RADU	Corrosion of Galvanized Steel in Various Aqueous Environments Present in Nature	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 2, pp. 29-33
2020	Liliana ANDONE, Andrada Gabriela ALEXANDRU, Marius BODOR	Research Regarding the Partial Replacement of Aggregates in Concrete with a By-Product of Steel Industry	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 1, pp. 15-23
2020	Lidia BENEĂ, Nicoleta SIMIONESCU	Evaluation of Corrosion Resistance of Implant-use Ti6Al4V Alloy in Hank Biological Solution in the Presence of Microorganism's Metabolic Product Lactic Acid	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 1, pp. 31-38

2020	Beatrice TUDOR, Viorel Mircea DRAGAN	Determination of Air Quality, Through the Cumulative Measurement of the Concentration of the Material Particles, in a Workshop for Making Metal Cast Parts	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 1, pp. 39-43
2020	Tamara RADU, Florentina POTECASU	Behavior on Plastic Deformation of Thin Steel Strips Coated with Electroless Ni-P	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 43, nr 1, pp. 44-47
2019	Cristian-Dragoș Obreja, Luminița Moraru	An Optimal Solution Based on Image Fusion for Blood Vessel Diameter Measurements in Cerebral Angiographies	Annals of "Dunarea de Jos" University Of Galati. Mathematics, Physics, Theoretical Mechanics, Fascicle II, vol. 42, no. 1, pp. 19-26, doi: 10.35219/annual-math-phys-mec.2019.1.03
2019	Cristian-Dragoș Obreja, Luminița Moraru	Retinal vascular system edge detection based on wavelet image fusion and first order derivative algorithms	19th International Multidisciplinary Scientific Conference SGEM 2019 - Conference proceedings, vol. 19, issue 6.3, pp. 189-196; doi: 10.5593/sgem2019V/6.3
2019	Marian-Iulian NEACȘU	Influence of Thermomechanical Processing Parameters on the Mechanical Properties of an Aluminum Alloy used in Cutting-Edge Technique	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 4, pp. 8-13
2019	Beatrice Daniela TUDOR	The Assessment of Risk Factors for Work Safety at the Workplace for Driver	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 4, pp. 18-23
2019	Viorel DRAGAN, Beatrice Daniela TUDOR	The Environment Impact of Phonic Pollution in an Area with Hydrocarbs Exploitation Activities	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 4, pp. 24-31
2019	Ștefan Cătălin PINTILIE, Laurenția Geanina PINTILIE, Andreea Liliana LAZĂR, Ștefan BALȚĂ	Study on the Performance of [PAC/PSf]-mixed Matrix Membrane used in Water Filtration	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 4, pp. 32-39
2019	Elena Emanuela HERBEI	Dielectric Characterization of SiO <sub>2</sub> -PMMA Organic – Inorganic Hybrid Thin Films	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 4, pp. 40-45
2019	Florin Bogdan MARIN, Mihaela MARIN	Automatic Identification of Flying Bird Species Using Computer Vision Technique for Ecological Data Analysis	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 4, pp. 46-49
2019	Nelu CAZACU	The Influence of the Number of Levels on the Behavior of a Vertical Axis Wind Turbine with Two Pairs of Blades and Periodic Aerodynamic Couplings	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 3, pp. 5-10
2019	Elena Emanuela HERBEI	Improving Mechanical Properties of Polymeric Materials Using Oxide Nanoparticles	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 3, pp. 11-15
2019	Adrian VASILIU	Safety Environmental Assessment in the Blast Furnace Section	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 2, pp. 9-14

2019	Nelu CAZACU	Use of Taguchi Methods in Designing an Experimental Model of Wind Turbine with Vertical Axis with Curved Sheet Blades	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 2, pp. 15-20
2019	Nelu CAZACU	Experimental Model of Wind Turbine with Vertical Axis, MultiStorey and with 2 Pairs of Blades on Level Coupled Aerodynamic	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 2, pp. 21-26
2019	Beatrice Daniela TUDOR	Improving the Properties of the Asphalt Mixture, by Content Variation of the Bitumen	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 2, pp. 27-31
2019	Nelu CAZACU	Variation of the Forces with the Wind Direction to an Experimental Model of Aerodynamic Profile of Wind Turbine	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 2, pp. 54-59
2019	Gigi STRAT, Maria VLAD, Gelu MOVILEANU, Florentina POTECAȘU	Physico-Chemical Processes from the X70 Steel Making and Continuous Casting that Influence its Properties	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 1, pp. 52-59
2019	Adrian VASILIU	Loss of Height Pressure in a Layer of Granular Materials	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 42, nr 1, pp. 60-63
2018	Marian-Iulian NEACȘU	Experimental Research on the Variation of Mechanical Properties for an Aluminum Alloy Subjected to Natural Ageing	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 4, pp. 5-9
2018	Tamara RADU, Florentina POTECAȘU	Influence of Alloying Elements in Zinc Melts on the Structure of Layers Obtained by Galvanizing	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 4, pp. 10-14
2018	Simona BOICIUC	Research on the Corrosion Behavior of the Stainless-Steel Thin Films Coated by PVD Method, Magnetron Assisted	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 4, pp. 55-59
2018	Simona BOICIUC	Research on the Coverage of Cold-Rolled Flat Products with Film-Forming Materials	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 4, pp. 60-65
2018	Nelu CAZACU	Load Behavior of an Vertical Axle Wind Turbine Model With a Four Blades Periodically Coupled Aerodynamically	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 3, pp. 5-11
2018	Nelu CAZACU	Oxinitrocarburizing in Fluidized Bed Technology Applied to Drawing Steels	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 3, pp. 12-20
2018	Adrian VASILIU	Studies on the Heat Recovery from the Sinter Cooler, S.C. ArcelorMittal Galati	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 3, pp. 21-24
2018	Mariana BUȘILĂ	ZnO Nanoparticles: Green Synthesis, Properties and Applications	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 3, pp. 25-29

2018	Alina Crina MUREȘAN	Ibuprofen: Original Versus Green Synthesis	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 3, pp. 30-34
2018	Andrada Gabriela ALEXANDRU, Mădălina Gabriela PÎRVU, Marius BODOR	The Environmental Impact Assessment of a Municipal Landfill - A Study on the Leachate	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 3, pp. 45-50
2018	Viorel DRĂGAN, Beatrice TUDOR	Impact of Hydrocarbon Exploitation Activity on Surface and Underground Waters in the Area	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 5-10
2018	Stela CONSTANTINESCU	Studies and Research on Determining the Cause of the Cracking of X60 Pipeline in the Expanding Operation	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 11-14
2018	Marian-Iulian NEACȘU	Mathematical Model for the Optimization of Preparation and Delivery Flows at LBC Adjustment	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 15-19
2018	Lucica BALINT	Use of Biodegradable Sorbents to the Decontamination of Polluted Soils	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 20-24
2018	Lucica BALINT	Wastewater Treatment Case Study - SEAU Braila	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 25-28
2018	Stela CONSTANTINESCU	Studies and Research on Water Pollution in Galati Urban Area	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 29-33
2018	Stela CONSTANTINESCU	Analysis of the Propagation of Defects Generated by the Oscillation Marks on Laminated Products	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 34-38
2018	Bogdan MURARIU, Beatrice TUDOR	Fusible Models used to Casting Small Dimensions Sculptures	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 39-42
2018	Nelu CAZACU	Modifying the Structure and Surface Properties of Ti6Al4V Alloy by Carbonitriding in Fluidized Bed	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 43-48
2018	Nelu CAZACU	Improving the Powerful Behavior of an Experimental Model of Savonius Turbine (S-Rotor) with Coupled Aerodynamic Additional Blades	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 2, pp. 49-53
2018	Simona BOICIUC, Petrică ALEXANDRU	Researches on Obtaining Thin Films of Stainless Steel from Inoxidable Steel by Physical Vapor Deposition Magnetron Assisted	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 1, pp. 5-9
2018	Elisabeta VASILESCU	Research on the Influence of Chemical Composition and Structural Condition on the Properties of High-Resistance Naval Steel Flat Rolled Products	The Annals of “Dunarea de Jos” University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 1, pp. 37-44

2018	Adrian VASILIU	Risk Assessment and Workplace Conformity Audit, Blast-furnace Worker, C.S. Arcelor Mittal Galati	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 1, pp. 45-54
2018	Simona BOICIUC	Studies and Researches on Obtaining Electrochemical Composite Coatings in Nickel - Ni / Kaolin Matrix	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 1, pp. 55-64
2018	Marian BORDEI	Determination of the Grinding Roller Grinding Arrow in a LBC Finisher	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 41, nr 1, pp. 69-72
2017	Luminița Moraru, Cristian-Dragoș Obreja, Emilian Dănilă	The accuracy of retinal vessel diameter measurement based on pixels distribution and fractal representation	Annals of "Dunarea de Jos" University Of Galati. Mathematics, Physics, Theoretical Mechanics, Fascicle II, Year IX (XL), No. 1, pp 18-25
2017	Beatrice TUDOR	Analysis and Recovery of Sludge from the Waste Water Filtering Station of Galați for Use in Agriculture	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 5-8
2017	Adrian VASILIU	Study on the Use of Oxygen-Enriched Combustion Air at the Ignition Initiator Furnace from the Agglomeration Machine	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 9-16
2017	Stela CONSTANTINESCU	Researches on Treatment Station and the Sewage Network in the Village Ghidigeni, Galati	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 24-29
2017	Carmela GURĂU, Gheorghe GURĂU	Biocorrosion Behavior of a Dental Shape Memory Alloy	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 30-34
2017	Marian BORDEI, Carmen Penelopi PAPADATU	The Influence of the Temperature Regime on the Mechanical Properties of the Thick Steel Sheets from Carbon and Low-Alloy Steels, Laminated to Thicknesses Less than 40 mm	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 35-39
2017	Marian BORDEI, Florentina POTECAȘU	Destruction of the Inside Part of a Coat of a Hard Chrome Cylinder Used for Combustion Engines	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 40-43
2017	Adrian VASILIU	Material Balance in a Blast Furnace, when Replacing Coke with Coal Dust	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 44-50
2017	Nelu CAZACU	The Behavior of an Experimental Model of Wind Turbine with Vertical Axle with Overlapped Cups at Low Wind Speeds	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 51-57
2017	Nelu CAZACU	The Influence of the Number of Blades and the Number of Levels on Behavior of the "S" - Rotor Experimental Models	The Annals of "Dunarea de Jos" University of Galati, fascicle IX-Metallurgy and Materials Science, ISSN 1453 – 083X, vol. 40, nr 4, pp. 58-63
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