



UNIVERSITATEA „VASILE ALECSANDRI” din BACĂU
Facultatea de Inginerie
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Facultatea de Inginerie

Nr. 397/05.02.2026

RAPORT
privind realizarea obiectivelor cercetării propuse în anul 2025
Situația centralizată

INDICATORUL	
Număr cadre didactice la 01.01.2025	(Resurse umane)
1. Număr de proiecte de cercetare/ dezvoltare depuse în competiții naționale în calitate de coordonator	4
2. Număr de proiecte de cercetare depuse în competiții internaționale	0
3. Număr de proiecte de cercetare/ dezvoltare câștigate în competiții naționale în calitate de coordonator	4
4. Număr de proiecte de cercetare / dezvoltare câștigate în competiții internaționale	0
5. Numărul contractelor de cercetare/dezvoltare derulare în 2025	16
6. Valoarea contractelor de cercetare derulate în 2025, aferente UBc (RON)*	(Contabilitate)
7. Număr de teze de doctorat susținute în UBc	0
8. Articole publicate în reviste recunoscute la nivel internațional, cotate ISI (fracțiuni corespunzătoare cerc. UBc și număr întreg lucrări)**	33,29/60
9. Recenzii ISI	392
10. Articole publicate în reviste internaționale necotate ISI, dar indexate BDI	1,90/3 ¹ 6,56/11 ²
11. Lucrări publicate în volumele conferințelor internaționale, indexate ISI/ organizate de societăți profesionale internaționale (proceedings ISI)	2,17/3
12. Articole publicate în alte reviste***	0
13. Cărți /capitole publicate în edituri naționale, recunoscute CNCS	6,41/8
- pagini	1841
14. Cărți/ capitole publicate în edituri internaționale, de prestigiu	0
- pagini	0
15. Brevete / Produse cu drept de proprietate intelectuală	0
16. Alte activități de cercetare considerate relevante	
a) articole prezentate la conferințe internaționale/ naționale	a. 142
b) rapoarte științifice de cercetare	b. 1
c) proiecte extracurriculare, etc.	c. 15

¹ Tabel 9

² Tabel 15

ANEXE 2025

1. Proiecte de cercetare/ dezvoltare depuse în competiții naționale în calitate de coordonator

Nr. crt.	Proiect național / internațional		Director proiect		Membri echipă	Valoare contract în lei (2025)
	Nr. înregistrare	Denumire	Nume	Prenume		
1.	6100/16.04.2025	Digitalizarea activității academice la UBc: utilizarea integrată a platformei de e-learning în actul didactic, etică/deontologie academică” (AI-learning@UBc)	Zichil	Valentin	13/4 din Facultatea de Inginerie	520.000
2.	CNFIS-FDI-2025-F-0719	Mentalitate antreprenorială, inovare sustenabilă, incluziune și interdisciplinaritate: premise pentru consolidarea ecosistemului antreprenorial competitiv la Universitatea „Vasile Alecsandri” din Bacău	Pleșcău	Ioana	32/14 din Facultatea de Inginerie	278.000
3.	23281/24.11.2025	Partnership for Applied Training in Entrepreneurship and Innovation at „Vasile Alecsandri” University of Bacau” (PATH2EI@UBc)	Pleșcău	Ioana	22/15 din Facultatea de Inginerie	61.900
4.	PN-IV-P8-8.3-PM-RO-FR-2025	AI-Enhanced Agro-Energy Systems Integrating Biomass and Photovoltaic Solutions for Sustainable Permaculture (AERIS)	Grigore	Roxana Margareta	6/6	-
TOTAL = 4 propuneri						859.900,00

2. Proiecte de cercetare depuse în competiții internaționale

Nr. crt.	Proiect național / internațional		Director proiect		Membri echipă	Valoare contract în lei (2025)
	Nr. înregistrare	Denumire	Nume	Prenume		
1.						
TOTAL = fracțiuni						

3. Proiecte de cercetare/ dezvoltare câștigate în competiții naționale în calitate de coordonator

Nr. crt.	Proiect		Director proiect		Membri echipă	Valoare contract în lei (2025)
	Nr. înregistrare	Denumire	Nume	Prenume		
1.	CNFIS-FDI-2025-F-0126	Digitalizarea activității academice la UBc: utilizarea integrată a platformei de e-learning în actul didactic, etică/deontologie academică” (AI-learning@UBc)	Zichil	Valentin	13/4 din Facultatea de Inginerie	420.820
2.	CNFIS-FDI-2025-F-0719	Mentalitate antreprenorială, inovare sustenabilă, incluziune și interdisciplinaritate: premise pentru consolidarea ecosistemului antreprenorial competitiv la Universitatea „Vasile Alecsandri” din Bacău	Pleșcău	Ioana	32/14 din Facultatea de Inginerie	278.000
3.	23281/24.11.2025	Partnership for Applied Training in Entrepreneurship and Innovation at „Vasile Alecsandri” University of Bacau” (PATH2EI@UBc)	Pleșcău	Ioana	22/15 din Facultatea de Inginerie	61.900
4.	390070/ 23.09.2025	SIDCAL – Sistem integrat digital de testare și calibrare pentru contoare master de lichide altele decât apa – cod SMIS:336894 – valoare contract – 7.014.632,44 lei	Hergheliegiu	Eugen	10/7 din Facultatea de Inginerie	584.552,70
TOTAL = fracțiuni						1.344.452,70

4. Proiecte de cercetare / dezvoltare câștigate în competiții internaționale

Nr. crt.	Proiect		Director proiect		Membri echipă	Valoare contract în lei (2025)
	Nr. înregistrare	Denumire	Nume	Prenume		
1.						
	TOTAL = fracțiuni					

5. Contracte de cercetare/dezvoltare derulare în 2025

Nr. crt.	Proiect		Director proiect		Membri echipă	Valoare contract în lei (2025)
	Nr. înregistrare	Denumire	Nume	Prenume		
1.	1/2025	Cercetări specifice tratării apelor de consum, epurării apelor uzate, îngroșării și deshidratării nămolurilor	Barsan	Narcis	8	54000
2.	CNFIS-FDI-2025-F-0087	Incluziune, consiliere și adaptare academică pentru studenții cu dizabilități din UBc (IncluziON-UBc)	Brandusa	Amalancei	/ 1 din Facultatea de Inginerie	-
3.	Proiect „EUROPE DIRECT Bacau” nr. 101164664 – ED Bacau	Universitatea „Vasile Alecsandri” din Bacău cu Reprezentanța Comisiei Europene în România, având ca partener Municipiul Bacău, Acordul-Cadru de Parteneriat ACP 03/2021-2025 (Ref. Ares(2021)2579005 – 16.04.2021), Acord de grant specific AGS03/2024.	Druga	Luminita	6/2 din Facultatea de Inginerie	237000 lei (47400 euro)
4.	12221/20.08.2024	Dezvoltare campus integrat pentru învățământul dual în municipiul Bacău	Nedeff	Florin	28/ 17 din Facultatea de Inginerie	7.066.542,63/ 151.044.110,78 lei
5.	101128514 - DEFI EAU (nr 485/15.01.2024)	DEFI EAU — ERASMUS-EDU-2023-CBHE - Développement de formations professionnelles collaboratives pour Madagascar sur les métiers de l'EAU (proiect coordonat de Universitatea Limoges, Franta)	Panainte-Lehadus	Mirela	8	171.980
6.	CNFIS-FDI-2025-F-0483	Creșterea calității performanței activităților CDI din cadrul Universității „Vasile Alecsandri” din Bacău prin cooperare națională și internațională (acronim: Connect-UBc)	Nechita	Elena	29/ 3 din Facultatea de Inginerie	460.000
7.	e-PNRR ID_10	EduShift: Pedagogie digitală pentru cadrele didactice din învățământul preuniversitar	Nechita	Elena	/ 1 din Facultatea de Inginerie	43.460.780,60
8.	CNFIS-FDI-2025-F-0719	Mentalitate antreprenorială, inovare sustenabilă, incluziune și interdisciplinaritate: premise pentru consolidarea ecosistemului antreprenorial competitiv la Universitatea „Vasile Alecsandri	Plescau	Ioana	32/14 din Facultatea de Inginerie	278.000
9.	CNFIS-FDI-2025-F-0126	Digitalizarea activității academice la UBc: utilizarea integrată a platformei de e-learning în actul didactic, etică/deontologie academică” (AI-learning@UBc)	Zichil	Valentin	13/ 3 - IMM	420.820
10.	23281/24.11.2025	Partnership for Applied Training in Entrepreneurship and Innovation at „Vasile Alecsandri” University of Bacau (PATH2EI@UBc)	Pleșcău	Ioana	22/15 din Facultatea de Inginerie	61.900,00
11.	Contract de cercetare nr 390070/23.09.2025	Sistem integrat digital de testare și calibrare pentru contoare master de lichide altele decât apa (SIDCAL), Cod SMIS: 336894	Herghelegiu	Eugen	10/7 de la Facultatea de Inginerie	584.552,70

12.	Contract de cercetare nr. 2/2024 (nr. înregistrare beneficiar 46/20.02.2024; nr. înregistrare executant 2738/22.02.2024)	Soluții inovative și sustenabile pentru valorificarea deșeurilor de lemn rezultate de la fabricarea mobilei în vederea integrării în economia circulară (SustenWood) Beneficiar: SC WOODGRADE SRL, Executant: Universitatea „Vasile Alecsandri” din Bacău, Valoare contract = 57000 lei, Perioada: 2024-2025	Rusu	Lăcrămioara	4/3 de la Facultatea de Inginerie	57000
13.	JA 11183/18.07.2024	Simulated Enterprises in Food Industry at the „Vasile Alecsandri” University of Bacau (SEiFI@UBc) <i>Octombrie 2024 – Februarie 2025</i>	Pleșcău	Ioana	25/20 din Facultatea de Inginerie	27370
14.	2/2025	Cercetări aplicative privind analiza materialelor metalice folosite la confecționarea utilajelor din industria alimentară	Roșu	Ana-Maria	5/4 de la Facultatea de Inginerie	20500
15.	PEO Cod SMIS 319112	Romania la orizont 2030: Creșterea relevanței internaționale prin internaționalizarea învățământului superior Programul Educație și Ocupare (PEO), 2021-2027, Cod SMIS 319112. Durata de implementare: 36 de luni (01.06.2024 – 31.05.2027) Buget alocat: 25.726.548,86 lei (A4.1. Adaptarea mecanismelor de finanțare de la nivel internațional (PBRF) pentru sprijinirea dezvoltării continue a instituțiilor de învățământ superior pe model internațional, a proceselor acestora de cercetare, predare și învățare, în vederea creșterii calității, eficienței și relevanței acestora)	Roiniță	Alina	4/1 de la Facultatea de Inginerie	114870
16.	23177/06.12.2023	SIRENERGY - Social Innovation in Renewable Energies	Leartibai Foundation, Spania		1 de la Facultatea de Inginerie	5000
TOTAL = 16						53.020.315,93

6. Teze de doctorat susținute în UBc

Nr. crt.	Doctorand	Titlul tezei de doctorat	Coordonator
1.			
TOTAL =			

7. Articole publicate în reviste recunoscute la nivel internațional, cotate/indexate ISI

Nr. crt.	Autor(i)	Titlul lucrării	Date identificare revistă
1.	Mosnegutu, E., Barsan, N., Przydatek, G., Panainte-Lehadus, M., Chitimus, D., Irimia, O., Plăcintă, C.	<i>Evaluation of the City Waste Management Taking into Account the New Economic and Population Perceptions</i>	Polish Journal of Environmental Studies, ISSN 1230-1485
2.	Irimia, O.; Tomozei, C.; Panainte-Lehadus, M.; Chitimus, D.; Nedeff, F.; Barsan, N.; Mosnegutu, E.; Mirila, D.	<i>Understanding Primary School Students' Knowledge and Attitudes Towards Water Management: Insights from Environmental Education</i>	Societies, EISSN 2075-4698
3.	Mosnegutu, E., Przydatek, G.; Chitimus, D.; Placintă, C.; Barsan, N.; Tomozei, C.; Nedeff, F.; Sporea, N.	<i>Study on the Public Information Level About the Waste Management System</i>	Urban Science, EISSN 2413-8851
4.	Mosnegutu, E.; Barsan, N.; Chitimus, D.; Ciubotariu, V.; Bibire, L.; Mirilă, D.; Jasiński, M.; Sporea, N.; Petre, I.C.	<i>Kinematic Analysis of the Jaw Crusher Drive Mechanism: A Different Mathematical Approach</i>	Processes, ISSN 2227-9717

5.	Ouro-Sama, K.; Solitoke, H.D.; Tanouayi, G.; Barsan, N.; Mosnegutu, E. ; Agbere, S.; Badanaro, F.; Nedeff, V. ; Gnandi, K.; Nedeff, F.-M.	<i>Multivariate Analysis and Geostatistics of the Physicochemical Quality Waters Study from the Complex Lake Togo-Lagoon of Aneho (Southern Togo)</i>	Applied Sciencess, ISSN 2076-3417
6.	Mosnegutu, E.; Tomozei, C.; Nedeff, F.; Chitimus, D.; Mirila, D. ; Wiewiórska, I.; Jasiński, M.; Sporea, N.	<i>Towards Efficient Waste Handling: Structural Group Reduction in Lifting Mechanism Design.</i>	Processes, ISSN 2227-9717
7.	Ndangang, J.J.N.; Sontsa-Donhoung, A.-M.; Biye, E.H.; Raducanu, D.; Barsan, N. ; Ayo, A.; Wafo, G.V.D.; Mosnegutu, E.; Nedeff, V. ; Kebassa Nkwefuth, C.	<i>Bacillus amyloliquefacins Strains Isolated in a Wastewater Treatment Plant: Molecular Identification and Amylase/Protease Production Capacity.</i>	Environments, ISSN 2076-3298
8.	Eniko Gaspar, Oana Irimia , Mirela Stanciu, Narcis Barsan, Emilian Mosnegutu	<i>Strategies for a Sustainable Economy: Optimizing Processes for BOD, COD and TSS Removal from Wastewater</i>	Water, ISSN 2073-4441
9.	Mahamadi Nikiema, Marius K Somda, Amidou S Ouili, Assiétta Ouattara, Cheik Omar Tidiane Compaoré, Narcis Barsan , Joseph B Sawadogo, Ynoussa Maiga, Iliassou Mogmenga, Cheik AT Ouattara, Aboubakar S Ouattara	<i>Assessment of the agronomic value of digestate from cashew nut shell and cow dung anaerobic digestion</i>	Discover Applied Sciences, eISSN 3004-9261
10.	Diana Petronela Poetelea, Emilian Mosnegutu, Claudia Tomozei, Florin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Diana Carmen Mirila , Grzegorz Przydatek	<i>Environmental Monitoring and Quality Dynamics of Wheat During One Year of Natural Storage</i>	Processes, ISSN 2227-9717
11.	Petrut-Liviu Bogdan, Valentin Nedeff, Mirela Panainte-Lehadus, Narcis Barsan, Florin Marian Nedeff, Diana-Carmen Mirila	<i>Hydrochemical analysis of a shallow alluvial aquifer between the siret and moldova rivers</i>	Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, ISSN: 1582-540X
12.	Fègbawè Badanaro, Narcis Barsan , Mamatchi Mélila, Kamilou Ouro-Sama, Koami Améyran, Florin-Marian Nedeff, Oana Irimia, Valentin Nedeff	<i>Nutritional Potential and Low Heavy Metals Content of Oryctes monoceros (Olivier, 1789) and Rhynchophorus phoenicis (Fabricius, 1801) Adults, Two Coleopteran Species Consumed in Togo</i>	Applied Sciencess, ISSN 2076-3417
13.	Grzegorz Przydatek, Józef Ciula, Narcis Barsan, Diana Mirila, Emilian Mosnegutu	<i>Groundwater quality analysis: assessing the impact of a closed landfill—A case study on physico-chemical and microplastic contaminants</i>	Applied Sciencess, ISSN 2076-3417
14.	Hanen Filali, Malak Moussa, Narcis Barsan, Valentin Nedeff, Oana Irimia , Mohamed Hachicha	<i>A Cyclic Graywater Treatment Model for Sustainable Wastewater Management Applied in a Small Scale</i>	Applied Sciencess, ISSN 2076-3417
15.	Mahamadi Nikiema, Marius K Somda, Joseph B Sawadogo, Salifou Bambara, Narcis Barsan , Ynoussa Maiga, S Amidou Ouili, Cheik Omar Tidiane Compaoré, Iliassou Mogmenga, Dayérid Dianou, Alfred S Traoré, Cheik AT Ouattara, Aboubakar S Ouattara	<i>Optimization for improved biomethane yield from cashew nut hulls through response surface methodology</i>	Biomass Conversion and Biorefinery, ISSN 2190-6815
16.	Mosnegutu, E. ; Jasinski, M.; Panainte-Lehadus, M.; Tomozei, C.; Irimia, O. ; Sporea, N.; Bibire, L. ; Wiewiórska, I.	<i>Mathematical Study of a Product-Gripping Mechanism for Industrial Transportation.</i>	Applied Sciencess, ISSN 2076-3417
17.	Mosnegutu, E.; Tomozei, C.; Irimia, O.; Ciubotariu, V.; Mirila, D.; Panainte-Lehadus, M. ; Jasinski, M.; Sporea, N.; Petre, I.C.	<i>The Influence of the Geometric Configuration of the Drive System on the Motion Dynamics of Jaw Crushers.</i>	Processes, ISSN 2227-9717

18.	Przydatek, G.; Detyna, B.; Mosnegutu, E. ; Orpel, K.	<i>Impact of selected logistic factors on the efficiency of municipal waste collection with use the advanced statistical tools.</i>	Journal of Ecological Engineering, ISSN 2299-8993
19.	Vlad Ghizdovat, Maricel Agop, Florin Nedeff, Valentin Nedeff, Dragos Ioan Rusu , Decebal Vasincu	<i>Double-Period Gravitational Dynamics from a Multifractal Perspective of Motion</i>	Fractal and Fractional, ISSN 2504-3110
20.	Monica Molcăluț, Călin Gheorghe Buzea, Diana Mirilă, Florin Nedeff, Valentin Nedeff , Lăcrămioara Ochiuz, Maricel Agop, Dragoș Teodor Iancu	<i>Morphodynamic Modeling of Glioblastoma Using 3D Autoencoders and Neural Ordinary Differential Equations: Identification of Morphological Attractors and Dynamic Phase Maps</i>	Fractal and Fractional, ISSN 2504-3110
21.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff, Diana Mirilă, Valentin Nedeff , Maricel Agop, Lăcrămioara Ochiuz, Adina Oana Armencia	<i>Deep Learning Analysis of CBCT Images for Periodontal Disease: Phenotype-Level Concordance with Independent Transcriptomic and Microbiome Datasets</i>	Dentistry Journal, ISSN 2304-6767
22.	Constantin Plăcintă, Valentin Nedeff, Mirela Panainte-Lehăduș , Elena Puiu Costescu, Tudor-Cristian Petrescu, Sergiu Stanciu, Maricel Agop, Diana-Carmen Mirilă, Florin Nedeff	<i>Order–Disorder-Type Transitions Through a Multifractal Procedure in Cu-Zn-Al Alloys—Experimental and Theoretical Design</i>	Entropy, ISSN 1099-4300
23.	Diana-Corina Bostan, Adrian Timofte, Florin Marian Nedeff, Valentin Nedeff, Mirela Panaite-Lehăduș , Maricel Agop	<i>The Role of Hidden Symmetry in Inertial Instability Dynamics</i>	Symmetry, ISSN 2073-8994
24.	Ștefan Lucian Burlea, Călin Gheorghe Buzea, Florin Nedeff, Diana Mirilă, Valentin Nedeff , Maricel Agop, Dragoș Ioan Rusu , Laura Elisabeta Checheriță	<i>Modular Deep-Learning Pipelines for Dental Caries Data Streams: A Twin-Cohort Proof-of-Concept</i>	Dentistry Journal, ISSN 2304-6767
25.	Călin Gheorghe Buzea, Valentin Nedeff, Florin Nedeff, Mirela Panaite Lehăduș , Lăcrămioara Ochiuz, Dragoș Ioan Rusu , Maricel Agop, Dragoș Teodor Iancu	<i>Fractal Neural Dynamics and Memory Encoding Through Scale Relativity</i>	Brain Sciences, ISSN 2076-3425
26.	Vlad Ghizdovat, Monica Molcalut, Florin Nedeff, Valentin Nedeff, Diana Carmen Mirila, Mirela Panainte-Lehăduș, Dragos-Ioan Rusu , Maricel Agop, Decebal Vasincu	<i>Dynamics of Complex Systems and Their Associated Attractors in a Multifractal Paradigm of Motion</i>	Fractal and Fractional, ISSN 2504-3110
27.	Călin Gheorghe Buzea, Florin Nedeff, Valentin Nedeff, Dragos-Ioan Rusu , Maricel Agop, Decebal Vasincu	<i>Observer-Linked Branching (OLB)—A Proposed Quantum-Theoretic Framework for Macroscopic Reality Selection</i>	Axioms, ISSN 2075-1680
28.	Buzea, C.G.; Nedeff, F.; Mirila, D. ; Agop, M.; Vasincu, D.	<i>Deep Learning Fractal Superconductivity: A Comparative Study of Physics-Informed and Graph Neural Networks Applied to the Fractal TDGL Equation.</i>	Fractal and Fractional, ISSN: 2504-3110
29.	Chelaru, I.-A.; Strungaru-Jijie, R.; Nicoara, M.; Mirila, D. ; Ciobica, A.; Ureche, D.	<i>Single and Combined Effects of Meropenem, Valproic Acid, and Ketoprofen on Adult Zebrafish Behavior, Oxidative Stress, and Acetylcholinesterase Activity.</i>	Pharmaceuticals, ISSN: 1424-8247
30.	Ghizdovat, V.; Mirila, D.C.; Nedeff, F.; Rusu, D.I. ; Rusu, O.; Agop, M.; Vasincu, D.	<i>Synchronizations in Complex Systems Dynamics Through a Multifractal Procedure.</i>	Entropy, ISSN: 1099-4300
31.	Nganko, J.M.; Barsan, N. ; Koffi, P.M.E.; Zaharia, A. ; Appiah, K.E.K.; Bilé, E.E.J.; Mosnegutu, E. ; Djeukui, V.N.; Nedeff, F.-M. ; Gbaha, P.; Mirila, D. ; Yao, K.B.; Tomozoi, C.; Nedeff, V.	<i>Sustainable Valorization of Framiré Sawdust: Extraction of Secondary Metabolites and Conversion of Residues into Fuel Briquettes.</i>	Applied Sciences, ISSN: 2076-3417
32.	S. Volovăț, D. Boboc, M. Ostafe, C. Buzea, M. Agop, L.	<i>Utilizing Vision Transformers for Predicting Early Response of</i>	Tomography, ISSN 2379-139X

	Ochiuz, D.I. Rusu , D. Vasincu, M. Ungureanu, C. Volovăț	<i>Brain Metastasis to Magnetic Resonance Imaging-Guided Stage Gamma Knife Radiosurgery Treatment</i>	
33.	R. Buga, C. Buzea, M. Agop, L. Ochiuz, D. Vasincu, O. Popa, D.I. Rusu , I. Știrban, L. Eva	<i>Streamlit Application and Deep Learning Model for Brain Metastasis Monitoring After Gamma Knife Treatment</i>	Biomedicines, ISSN 2227-9059
34.	V. Ghizdovăț, I. Nica., L. Ochiuz, O. Popa, D. Vasincu, D.I. Rusu , M. Agop, A. Trofin	<i>The Programmable Nature of Drug-Polymer Systems and Its Implications</i>	Polymers, ISSN 2073-4360
35.	C. Volovăț, C. Buzea, D. Boboc, M. Ostafe, M. Agop, L. Ochiuz, S. Burlea, D.I. Rusu , L. Bujor, D. Iancu, S. Volovăț	<i>Hybrid Deep Learning for Survival Prediction in Brain Metastases Using Multimodal MRI and Clinical Data</i>	Diagnostics, ISSN 2075-4418
36.	C. Buzea, N. Luchian, C. Salim, A. Condratovici, C. Marcu, M. Matei, C. Dinu, M. Duceac, E. Elkan, D.I. Rusu , L. Ochiuz, L. Duceac	<i>Episode- and Hospital-Level Modeling of Pan-Resistant Healthcare-Associated Infections (2020–2024) Using TabTransformer and Attention-Based LSTM Forecasting</i>	Diagnostics, ISSN 2075-4418
37.	M. Popa, C. Buzea, I. Gurzu, C. Salim, B. Gurzu, D.I. Rusu , L. Ochiuz, L. Duceac	<i>An Integrated AI Framework for Occupational Health: Predicting Burnout, Long COVID, and Extended Sick Leave in Healthcare Workers</i>	Healthcare, ISSN 2227-9032
38.	Zichil V., Grigoraș C., Roșu A.M., Ciubotariu V.A., Titu A.M..	<i>Effects of Thermal Cycling and Environmental Exposure on Mechanical Properties of 6061 and 7075 Aluminum Alloys</i>	Processes (ISSN 2227-9717)
39.	C. Drob, I. Pleșcău, V. Zichil	<i>Foreign Direct Investments and Economic Growth in Romania: A Time-Series Approach for Sustainable Development</i>	<u>Sustainability</u> , ISSN 2071-1050
40.	Abdesselam, Y.; Tampu, C. ; Belloufi, A.; Rezgui, I.; Abdelkrim, M.; Chirita, B. ; Herghelegiu, E. ; Schnakovszky, C. ; Tampu, R.	<i>Optimization of the Effects of Electrodeposition Parameters on the Nickel-Based Composite Coatings' Tribological Properties</i>	PROCESSES eISSN: 2227-9717
41.	Abdesselam, Y.; Belloufi, A.; Rezgui, I.; Abdelkrim, M.; Tampu, C. ; Chirita, B.	<i>Composite coatings based on nickel and Y2O3 nanoparticles: a comprehensive analysis of developments in electrodeposition and functional property optimization</i>	International Journal of Advanced Manufacturing Technology ISSN: 0268-3768, eISSN: 1433-3015
42.	Nita, B.; Schnakovszky, C.; Herghelegiu, E.; Chirita, B.; Tampu, R.; Tampu, C.	<i>Influence of Cutting Parameters on Surface Quality of AL7075 Alloy Under Dry and LN2 Cooling Conditions</i>	Acta Technica Napocensis Series-Applied Mathematics Mechanics and Engineering, ISSN: 1221-5872
43.	Rusu, P.D.; Bialas, O.; Wozniak, A.; Adamiak, M.; Appiah, A.; Tampu, C. ; Mazurchevici, S.N.; Kyratsis, P.; Tzotzis, A.; Nedelcu, A.	<i>Characterization of Laser-Textured Surfaces of Parts of a Biodegradable Polymer</i>	COATINGS ISSN: 2079-6412
44.	Ciofu, C.D.; Rusu, P.D.; Adamiak, M.; Bialas, O.; Tampu, C. ; Kyratsis, P.; Tzotzis, A.; Mazurchevici, S.N.; Nedelcu, A.; Jiang, ZY.; Mindru, D.; Nedelcu, D.	<i>Wettability, Tribology, Degradation, and Topography of Laser-Textured Surfaces of Biopolymers</i>	MICROMACHINES eISSN: 2072-666X
45.	Radu, P.; Tampu, C.; Herghelegiu, E.; Schnakovszky, C.; Radu, C.M.	<i>Study of the cutting forces and quality parameters of thin-walled parts machined by milling</i>	Acta Technica Napocensis Series-Applied Mathematics Mechanics and Engineering ISSN: 1221-5872, eISSN: 2393-2933
46.	Simion, A.I., Grigoraș, C.G., Favier L.	Batch adsorption of Orange II dye on a new green hydrogel – Study on working parameters and process enhancement	<i>Gels</i> (ISSN 2310-2861)
47.	Roscan A.G., Ifrim I.-L.* , Patriciu, O.-I., Fînaru, A.L.*	Exploring the therapeutic value of some vegetative parts of <i>Rubus</i> and <i>Prunus</i> : a literature review on bioactive profiles and their	<i>Molecules</i> (eISSN 1420-3049)

		pharmaceutical and cosmetic interest	
48.	Doroftei R.F., Mirila D., Silion M., Ionita D., Roșu A.-M., Munteanu C., Istrate B., Muntianu G., Georgescu A.-M., Nistor I.-D.	Clays as dual-function materials for TNT adsorption and catalytic degradation: an experimental approach	<i>Materials</i> (eISSN 1996-1944)
49.	Bran E.P., Patriciu O.-I., Grosu L., Alexa I.-C.*, Bălănuță B., Nicoară A.-I., Fînaru A.-L.*	The influence of different parameters for the removal of Pb and Zn ions on unmodified waste eggshells	<i>Materials</i> (eISSN 1996-1944)
50.	Doroftei R.F., Silion M., Ioniță D., Dascalu A., Nedeff F., Georgescu A.-M., Rosu A.-M., Mirila D., Nistor I.-D.	From nature to remediation: biomaterials for malachite green retention and degradation	<i>Materials</i> (eISSN 1996-1944)
51.	Muntianu G., Georgescu A.-M., Roșu A.-M., Platon N., Arus V.A., Jinescu C.V., Nistor I.D.	Ammonia gas adsorption in fixed bed and fluidized bed using bentonite particles	<i>Applied Sciences</i> (ISSN 2076-3417)
52.	Nicuță D., Grosu L., Patriciu O.-I., Voicu R.-E., Alexa I.-C.*	<i>Allium cepa</i> model: A review on its application as cytogenetic tool for evaluating the biosafety potentials of plant extracts	<i>Methods and Protocols</i> (eISSN 2409-9279)
53.	Balan V.*, Grosu L., Alexa I.-C.*	Les colorants naturels : un savoir-faire ancien pour un avenir durable / Natural dyes: an ancient know-how for a sustainable future	<i>Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
54.	Ștefănescu I.-A.	The impact of pesticides on bioactive molecules in vegetables	<i>Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
55.	Suceveanu E.M., Niță N.T., Rusu L.	Synthesis, characterization and potential application of biocomposite material based on sawdust biomass for removal of persistent organic pollutants from aqueous solutions	<i>Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
56.	Grosu L., Patriciu O.-I., Alexa I.-C.*	Exploring the physico-chemical, phytochemical and sensorial characteristics of some Romanian red fruits tea infusions	<i>Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
57.	Muntianu G., Nistor I.-D., Georgescu A.-M., Roșu A.-M., Mirilă D.-C., Mares A.-M., Jinescu C.	Dynamic study behavior of fluidized binary mixture bed with bentonite particles	<i>Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
58.	Balaita C., Calara M., Stoica I., Georgescu A.M., Raducanu D., Draghici E.M.	Mathematical modeling in the application of biofertilizers in bell pepper crops	<i>Scientific Papers. Series B, Horticulture</i> (ISSN 2285-5653)
59.	Liviți Petru	A Comparative Study of Storage Batteries for Electrical Energy Produced by Photovoltaic Panels	<i>Applied Sciences</i> , ISSN 2076-3417
60.	Andrioaia Dragoș-Alexandru	Predictive Maintenance System to RUL Prediction of Li-Ion Batteries and Identify the Fault Type of Brushless DC Electric Motor from UAVs	<i>Sensors</i> , ISSN 1424-8220
	TOTAL = 60 articole, din care 33,29 fracțiuni		

8. Recenzii ISI

Nr. crt.	Autor(i)	Titlul lucrării	Date identificare revistă
Chitimuș Alexandra-Dana: 11 recenzii			
1.	5 articole		Plants (ISSN 2223-7747)
2.	1 articol		Sustainability (ISSN 2071-1050)
3.	3 articole		Microorganisms (ISSN 2076-2607)
4.	1 articol		Toxics (ISSN 2305-6304)
5.	1 articol		Agronomy (ISSN 2073-4395)
Tomozei Claudia: 5 recenzii			
1.	2 articole		Accoustics (ISSN 2624-599X)
2.	1 articol		Applied Sciences (ISSN 2076-3417)
3.	1 articol		Environmental Engineering and Management Journal (ISSN: 1582-9596)
4.	1 articol		Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry (ISSN 1582-540X)
Moșneguțu Emilian: 28 recenzii			
1.	3 articole		Sustainability (ISSN 2071-1050)
2.	1 articol		AgriEngineering (ISSN 2624-7402)
3.	9 articole		Materials (ISSN 1996-1944)
4.	1 articol		Agronomy (ISSN 2073-4395)
5.	7 articole		Processes (ISSN 2227-9717)
6.	1 articol		Recycling (ISSN 2313-4321)
7.	1 articol		Construction Materials (ISSN 2673-7108)
8.	1 articol		Microorganisms (ISSN 2076-2607)
9.	1 articol		Foods (ISSN 2304-8158)
10.	2 articole		Applied Sciences (ISSN 2076-3417)
11.	1 articol		Minerals (ISSN 2075-163X)
Nedeff Valentin: 12 recenzii			
1.	12 articole		Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry (ISSN 1582-540X)
Bârsan Narcis: 10 recenzii			
1.	3 articole		Sustainability (ISSN 2071-1050)
2.	3 articole		Water (ISSN 2073-4441)
3.	3 articole		Wiley
4.	1 articol		Environmental
Mirilă Diana: 11 recenzii			
1.	1 articol		Antibiotics (ISSN 2079-6382)
2.	1 articol		World (ISSN 2673-4060)
3.	5 articole		Applied Sciences (ISSN 2076-3417)
4.	1 articol		Processes (ISSN 2227-9717)

5.	3 articole		Sustainability (ISSN 2071-1050)
Grigoraș Cosmin: 22 recenzii			
1.	1 articol		Symmetry (ISSN 2073-8994)
2.	4 articole		Aerospace (ISSN 2226-4310)
3.	3 articole		Processes (ISSN 2227-9717)
4.	2 articole		Metrology (ISSN 2673-8244)
5.	1 articol		Journal of Marine Science and Engineering, JMSE (ISSN 2077-1312)
6.	2 articole		Sensors (ISSN 1424-8220)
7.	1 articol		Buildings (ISSN 2075-5309)
8.	4 articole		Applied Sciences (ISSN 2076-3417)
9.	1 articol		Mathematics (ISSN 2227-7390)
10.	1 articol		Machines (ISSN 2075-1702)
11.	1 articol		JMMP (ISSN 2504-4494)
12.	1 articol		Inventions (ISSN 2411-5134)
Ciubotariu Vlad-Andrei: 8 recenzii			
1.	2 articole		Applied Sciences (ISSN: 2076-3417)
2.	1 articol		Symmetry (ISSN: 2073-8994)
3.	4 articole		Machines (ISSN: 2075-1702)
4.	1 articol		Drones (ISSN: 2504-446X)
Chiriță Bogdan-Alexandru: 3 recenzii			
1.	1 articol		Cogent Engineering (Online ISSN: 2331-1916)
2.	1 articol		Journal of Manufacturing and Materials Processing (ISSN 2504-4494)
3.	1 articol		Materials (ISSN 1996-1944)
Radu Maria-Crina: 2 recenzii			
1.	2 articole		Behavioral Sciences ISSN: 2076-328X
Recenzor: GRIGORAȘ Cristina-Gabriela – 99 recenzii			
1.	1 recenzie		<i>Advanced Engineering Materials</i> (ISSN 1527-2648)
2.	1 recenzie		<i>Applied Food Research</i> (ISSN 2772-5022)
3.	1 recenzie:		<i>Biomass Conversion and Biorefinery</i> (ISSN 2190-6823)
4.	1 recenzie:		<i>Chemical Engineering Journal</i> (ISSN 1873-3212)
5.	1 recenzie		<i>Chemistry Select</i> (ISSN 2365-6549)
6.	1 recenzie		<i>Colloid and Polymer Science</i> (ISSN 1435-1536)
7.	3 recenzii		<i>Education for Chemical Engineers</i> (ISSN 1749-7728)
8.	23 de recenzii		<i>Food Chemistry</i> (ISSN 1873-7072)
9.	14 recenzii		<i>Food Chemistry X</i> (ISSN 1873-7072)
10.	4 recenzii		<i>Foods</i> (ISSN 2304-8158)
11.	10 recenzii		<i>Gels</i> (ISSN 2310-2861)
12.	2 recenzii		<i>International Journal of Environmental Science and</i>

			<i>Technology</i> (ISSN 1735-2630)
13.	1 recenzie		<i>Journal of Chemistry</i> (ISSN 2090-9071)
14.	7 recenzii		<i>Journal of Environmental Chemical Engineering</i> (ISSN 2213-3437)
15.	2 recenzii		<i>Journal of Food Engineering</i> (ISSN 1873-5770)
16.	1 recenzie		<i>Journal of Molecular Liquids</i> (ISSN 1873-3166)
17.	1 recenzie		<i>Journal of Water Process Engineering</i> (ISSN 2214-7144)
18.	1 recenzie		<i>Macromol</i> (ISSN 2673-6209)
19.	3 recenzii		<i>Molecules</i> (ISSN 1420-3049)
20.	1 recenzie		<i>Nanomaterials</i> (ISSN 2079-4991)
21.	1 recenzie		<i>Nutrients</i> (ISSN 2072-6643)
22.	2 recenzii		<i>Polymers</i> (ISSN 2073-4360)
23.	1 recenzie		<i>Process Safety and Environmental Protection</i> (ISSN 1744-3598)
24.	1 recenzie		<i>Processes</i> (ISSN 2227-9717)
25.	1 recenzie		<i>Scientific Reports</i> (ISSN 2045-2322)
26.	1 recenzie		<i>Sustainable Environment Research</i> (ISSN 2468-2039)
27.	1 recenzie		<i>Waste Disposal and Sustainable Energy</i> (ISSN 2524-7891)
28.	12 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: PATRICIU Oana-Irina – 30 recenzii			
1.	1 recenzie		<i>Metabolites</i> (ISSN 2218-1989)
2.	1 recenzie		<i>Horticulturae</i> (ISSN 2311-7524)
3.	3 recenzii		<i>Foods</i> (ISSN 2304-8158)
4.	4 recenzii		<i>Ovidius University Annals of Chemistry</i> (ISSN 1583-2430, eISSN 2286-038X)
5.	1 recenzie		<i>Processes</i> (ISSN 2227-9717)
6.	1 recenzie		<i>Chemistry and Biodiversity</i> (ISSN 1612-1872, eISSN 1612-1880)
7.	1 recenzie		<i>Toxins</i> (ISSN 2072-6651)
8.	2 recenzii		<i>Molecules</i> (ISSN 1420-3049)
9.	1 recenzie		<i>Plants</i> (ISSN 2223-7747)
10.	1 recenzie		<i>Life</i> (ISSN 2075-1729)
11.	14 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: ALEXA Irina-Claudia – 27 recenzii			
1.	2 recenzii		<i>Molecules</i> (ISSN 1420-3049)
2.	2 recenzii		<i>Plants</i> (ISSN 2223-7747)
3.	2 recenzii		<i>Biomass</i> (ISSN 2673-8783)
4.	1 recenzie		<i>Foods</i> (ISSN 2304-8158)
5.	1 recenzie		<i>Sustainability</i> (ISSN 2071-1050)
6.	1 recenzie		<i>Applied Sciences</i> (ISSN 2076-3417)

7.	1 recenzie		<i>Agronomy</i> (ISSN 2073-4395)
8.	1 recenzie		<i>Separations</i> (ISSN 2297-8739)
9.	2 recenzii		<i>International Journal of Environmental Research</i> (ISSN 1735-6865, eISSN 2008-2304)
10.	14 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: SUCEVEANU Elena-Mirela – 20 recenzii			
1.	2 recenzii		<i>Foods</i> (ISSN 2304-8158)
2.	3 recenzii		<i>Beverages</i> (ISSN 2306-5710)
3.	1 recenzie		<i>Recycling</i> (ISSN 2313-4321)
4.	14 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: RUSU Lăcrămioara – 12 recenzii			
1.	1 recenzie		<i>Materials</i> (ISSN 1996-1944)
2.	1 recenzie		<i>Separations</i> (ISSN 2297-8739)
3.	1 recenzie		<i>Processes</i> (ISSN 2227-9717)
4.	1 recenzie		<i>Toxins</i> (ISSN 2072-6651)
5.	1 recenzie		<i>Molecules</i> (ISSN 1420-3049)
6.	1 recenzie		<i>The Canadian Journal of Chemical Engineering</i> (ISSN 1939-019X)
7.	1 recenzie		<i>Bioremediation Journal</i> (ISSN 1547-6529)
8.	1 recenzie		<i>ChemistrySelect</i> (ISSN 2365-6549)
9.	1 recenzie		<i>Sustainability</i> (ISSN 2071-1050)
10.	1 recenzie		<i>ACS ES&T Water</i> (ISSN 2690-0637)
11.	2 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: ARUȘ Vasilica-Alisa – 10 recenzii			
1.	5 recenzii		<i>Foods</i> (ISSN 2304-8158)
2.	1 recenzie		<i>Beverages</i> (ISSN 2306-5710)
3.	1 recenzie		<i>Molecules</i> (ISSN 1420-3049)
4.	3 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: ROȘU Ana-Maria – 5 recenzii			
5.	1 recenzie		<i>Applied Sciences</i> (ISSN 2076-3417)
6.	1 recenzie		<i>Aquaculture Journal</i> (ISSN 2673-9496)
7.	1 recenzie		<i>Fibers</i> (ISSN 2079-6439)
8.	1 recenzie		<i>Minerals</i> (ISSN 2075-163X)
9.	1 recenzie		<i>Sustainability</i> (ISSN 2071-1050)
Recenzor: GEORGESCU Ana-Maria – 8 recenzii			
1.	2 recenzii		<i>Applied Sciences</i> (ISSN 2076-3417)
2.	1 recenzie		<i>Geosciences</i> (ISSN 2076-3263)
3.	1 recenzie		<i>Processes</i> (ISSN 2227-9717)

4.	2 recenzii		<i>Bulletin of Engineering Geology and the Environment</i> (ISSN 1435-9529)
5.	1 recenzie		<i>ACS Applied Bio Materials</i> (ISSN 2576-6422)
6.	1 recenzie		<i>Atmosphere</i> (ISSN 2073-4433)
Recenzor: FÎNARU Adriana-Luminița – 12 recenzii			
1.	12 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: IFRIM Irina-Loredana – 14 recenzii			
1.	14 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: GROSU Luminița – 14 recenzii			
1.	14 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: ȘTEFĂNESCU Ioana-Adriana – 10 recenzii			
2.	10 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: SIMION Andrei-Ionuț – 8 recenzii			
1.	8 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: NISTOR Ileana-Denisa – 2 recenzii			
1.	2 recenzii		<i>Scientific Study and Research – Chemistry and Chemical Engineering, Biotechnology, Food Industry</i> (ISSN 1582-540X)
Recenzor: MUNTIANU Gabriela – 1 recenzie			
1.	1 recenzie		<i>Industrial & Engineering Chemistry Research</i> (eISSN 1520-5045)
Banu Ioan Viorel: 8 recenzii			
1.	5 recenzii		IEEE Access (ISSN 2169-3536)
2.	1 recenzie		IEEE Transactions on Power Delivery (ISSN 0885-8977)
3.	1 recenzie		Protection and Control of Modern Power Systems (ISSN 2367-2617)
4.	1 recenzie		IEEE Transactions on Industrial Informatics (ISSN 1551-3203)
TOTAL = 392 recenzii			

9. Articole publicate în reviste internaționale necotate ISI, dar indexate BDI

Nr. crt.	Autor(i)	Titlul articolului	Date identificare revistă	ISSN
1.	Barkat Fadila, Cheknane Ali, Guerrero Josep, Culea George, Livinți Petru, Banu Ioan-Viorel	Comparison and Effectiveness of Slip Mode Frequency Shift and Sandia Frequency Shift Active Methods for Islanding Detection in Single-Phase Grid-Connected Photovoltaic Systems	Journal of Engineering Studies and Research (JESR), Vol. 30, No. 4 (2025), pp. 7-18 https://jesr.ub.ro/journal/article/view/472	ISSN Online 2344-4932, ISSN Print 2068-7559
2.	Vernica Sorin-Gabriel, Grigore Roxana, Banu Ioan-	Increasing the Energy Efficiency of a Power Transformation and Distribution Station	Journal of Engineering Studies and Research (JESR), Vol. 31, No. 1 (2025), pp. 52-59	ISSN Online 2344-4932, ISSN Print 2068-7559

	Viorel, Barbu Ioana-Mădălina		https://pubs.ub.ro/article/5790	
3.	Enachi Andrei , Turcu Corneliu, Culea George , Sghera Bogdan-Constantin, Ungureanu Andrei-Gabriel	Communication Reimagined: Hands in Motion and the Future of Gesture Recognition Systems	International Journal of Computers, vol 10, pp 14-22 https://www.iaras.org/home/cijc/communication-reimagined-hands-in-motion-and-the-future-of-gesture-recognition-systems	ISSN 2367-8895
TOTAL = 3 articole din care 1,90 fracțiuni				

10. Lucrări publicate în volumele conferințelor internaționale, indexate ISI/ organizate de societăți profesionale internaționale (proceedings ISI)

Nr. crt.	Autor(i)	Titlul articolului	Date identificare revistă	ISSN
1.	Eduard Popescu, Valentin Nedeff, Florin-Marian Nedeff, Narcis Barsan, Andrei Zaharia, Dana Chitimus	Integrated Perspectives on Sludge and Biogas Management in Municipal Wastewater Management: A Case Study of the Bacau WWTP	2025 10th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)	ISBN:979-8-3315-1299-6
2.	Diana Petronela Poetelea, Emilian Mosneguțu, Claudia Tomozei, Florin Nedeff, Mirela Panainte-Lehadus, Diana Mirila, Oana Irimia, Valentin Nedeff	Integrated analysis of wheat storage parameters in uncontrolled environments: case study of Valea Seacă, Bacău county,	EE&AE 2025, DOI: https://doi.org/10.1051/bioconf/202520501031	eISSN: 2117-4458
3.	Rusu, P.D.; Mazurchevici, S.N.; Tampu, C. ; Carausu, C.; Ciofu, C.D.; Nedelcu, D.	Laser Surface Texturing of Biodegradable Polymers	MACROMOLECULAR SYMPOSIA	ISSN: 1022-1360 eISSN: 1521-3900
TOTAL = 3 articole din care 2,17 fracțiuni				

11. Articole publicate în alte reviste sau volume ale unor conferințe neindexate

Nr. crt.	Autor(i)	Titlul articolului	Date identificare revistă	ISSN
1.				
TOTAL = fracțiuni				

12. Cărți /capitole publicate în edituri naționale / internaționale

Nr. crt	Autor(i)	Titlul / carte sau capitol carte	Editură națională / internațională	Număr pagini	ISBN
1.	D.I. Rusu , L. Eva, M. Agop, L. Bujor, L. Ochiuz, C. Buzea	Neuro-AI: The Brain, Intelligence and the Future of Artificial Minds	ARS LONGA	216	978-973-148-477-8
2.	D.I. Rusu , C. Buzea, M. Agop, C. Rusu	Machine Learning și Deep Learning în Științele Fizice: De la Fundamente la Aplicații	ARS LONGA	182	978-973-148-487-7
3.	Simion A.I., Grigoraș C.G.	Fenomene de transfer și operații unitare. Îndrumar de laborator. Ediția a II-a (revizuită și adăugită)	Editura Alma Mater, Bacău	296	978-606-527-734-2
4.	Grigoraș C.G., Simion A.I.	Fenomene de transfer și operații unitare. Unități de măsură, bilanț de materiale, bilanț termic	Editura Alma Mater, Bacău	380	978-606-527-733-5

5.	Grigoraș C.-G.	Valorificarea fructelor și a subproduselor din industria de prelucrare a fructelor prin extracție de compuși bioactivi	Editura „Alma Mater”, Bacău	342	978-606-527-735-9
6.	Roșu A.-M.	Chimie pentru ingineri. note de curs (ediția a II-a revizuită și adăugită)	Editura Alma Mater, Bacău	105	978-606-527-730-4
7.	Roșu A.-M., Mirilă D.C.	Siguranța produselor alimentare	Editura Alma Mater, Bacău	108	978-606-527-731-1
8.	Andrioaia Dragoș-Alexandru	Internetul lucrurilor și învățarea automată în sistemele de mentenanță predictivă ale vehiculelor aeriene fără pilot	Editura „Alma Mater” Bacău	212	978-606-527-732-8
TOTAL = 8 cărți (1841 pagini) din care 6,41 fracțiuni					

13. Brevete / Produse cu drept de proprietate intelectuală (naționale/internaționale)

Nr. crt	Autor(i)	Titlul	Date de identificare brevet
1.			
TOTAL = fracțiuni			

14. Lucrări științifice prezentate la manifestări științifice internaționale / naționale (conferințe, sesiuni științifice)

Nr. crt.	Autor(i)	Titlul lucrării	Date identificare manifestare științifică
1.	Chitimus Alexandra-Dana, Nedeff Valentin, Muscalu Oana, Mosnegutu Emilian, Barsan Narcis, Moroi Alina-Mihaela, Amariei Petruț	Influence of crop rotation and soil fertilization systems on primary macronutrients in an experimental field	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
2.	Eduard Popescu, Valentin Nedeff, Florin-Marian Nedeff, Narcis Barsan, Andrei Zaharia, Dana Chitimus	Integrated Perspectives on Sludge and Biogas Management in Municipal Wastewater Management: A Case Study of the Bacau WWTP	10th INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND AGRICULTURAL ENGINEERING (EE&AE 2025), 5 – 7 November, 2025, Starozagorski bani, Bulgaria, https://eeae-conf.uni-ruse.bg/ https://eeae-conf.uni-ruse.bg/images/files/EEAE2025_Program_final.pdf
3.	Narcis Barsan, Valentin Nedeff, Krzysztof Jamroziak, Dana Chitimus, Mirela Panainte-Lehadus, Emilian Mosnegutu, Claudia Tomozei, Paula Greta Vrinceanu	Application of separation processes in wastewater treatment	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
4.	Kamilou Ouro-Sama, Hodabalo Dheoulaba Solitoke, Gnon Tanouayi, Narcis Barsan, Emilian Mosnegutu, Fègbawè Badanaro, Sadikou Agbere, Valentin Nedeff, Kissao Gnandi	Speciation, mobility, bioavailability and ecological risk of trace Elements in the agricultural soils around the phosphorite plant in kpeme (South Togo)	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
5.	Narcis Barsan, Mariana Turcu, Valentin Nedeff, Grzegorz Przydatek, Dana Chitimus, Mirela Panainte-Lehadus, Emilian Mosnegutu, Claudia Tomozei, Dumitru-Eugen Liche	Practical Approaches For Municipal Sludge Dewatering Using Laboratory Techniques	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/

6.	Fègbawè Badanaro, Manamboba Mitélama Balaka, Narcis Barsan, Valentin Nedeff	Diversity And Socio-Economic Importance Of Edible Insects In Togo	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
7.	Grzegorz Przydatek, Józef Ciula, Narcis Barsan, Emilian Mosnegutu	Identification of the composition of groundwater in the area of a closed Municipal waste landfill site two decades after its closure taking into Account selected physico-chemical and microplastics indicators – a case Study	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
8.	Poetelea Diana Petronela, Moşneguţu Emilian, Tomozei Claudia, Bârsan Narcis,	Studies and research on the impact of climatic factors on the quality of wheat in long-term storage: analysis and perspectives	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
9.	Diana Petronela Poetelea, Emilian Mosneguţu, Claudia Tomozei, Florin Nedeff, Mirela Panainte-Lehadus, Diana Mirila, Oana Irimia, Valentin Nedeff,	Integrated analysis of wheat storage parameters in uncontrolled environments: case study of Valea Seacă, Bacău county,	The 2025 10th International Conference on Energy Efficiency & Agricultural Engineering (EE&AE) will be held from 5 to 7 November 2025 in Starozagorski Bani, Stara Zagora, Bulgaria.
10.	Claudia Tomozei, Cătălin Marian Plăcintă, Mirela Panainte-Lehadus, Oana Irimia, Emilian Moşnegutu, Valentin Nedeff, Dana Chitimus, Narcis Barsan	Towards A Sustainable Future: Challenges, Strategies and Global Perspectives	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
11.	Andrei Zaharia, Valentin Nedeff, Radu Ghimpu, Dumitra Raducanu, Anamaria Georgescu, Narcis Barsan	Evaluation of the Antibacterial Effect of Some Substance Used in Aviculture Sector	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
12.	Adrian Timofte, Diana-Corina Bostan, Sorin Bostan, Marius-Mihai Cazacu, Florin Marian Nedeff, Valentin Nedeff, Mirela Panainte-Lehadus, Diana Carmen Mirilă	Early Warning Systems and The Rapid Shift from Atmospheric Instability to Arctic Surge: An Applied Analysis of the April 2025 Cold Wave	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
13.	Iosif Ioja, Valentin Nedeff, Maricel Agop, Florin-Marian, Nedeff	Studies On the Possibility of Using Hyperspectral Cameras On Drones for Environmental Monitoring	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
14.	Petru-Iulian Grigore, Andrei Zaharia, Corneliu Octavian Turcu, Valentin Nedeff	VR Training for Environmental Engineering: UV Water Disinfection	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
15.	Petrut-Liviu Bogdan, Valentin Nedeff, Narcis Barsan, Mirela PanainteLehadus, Dana Chitimus, Florin Marian Nedeff, Diana Carmen Mirila, Emilian Mosnegutu, Claudia Tomozei	Estimating Groundwater Level in Roman City and Northern Counties Using Geostatistical Methods: Ordinary Kriging And Semivariograms	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
16.	Mirilă Diana Carmen, Roşu Ana-Maria, Georgescu Ana-Maria, Muntianu Gabriela, Nedeff Florin, Panainte-Lehăduş Mirela, Nistor Ileana-Denisa	Innovative nanomaterial used as catalyst and bacterial inhibition agent.	EUROINVENT, European Exhibition of Creativity and Innovation, 8-10 mai 2025 IAŞI, ISSN 2601-4572, https://www.euroinvent.org/ .

17.	Moroi Alina-Mihaela, Vartolomei Nicoleta, Tănasă Simina, Roșu Ana-Maria, Mirilă Diana-Carmen, Tomozei Claudia, Lehăduș-Panainte Mirela	Influence of rosehip powder addition on the artisanal biscuits quality.	EUROINVENT, European Exhibition of Creativity and Innovation, 8-10 mai 2025 IAȘI, ISSN 2601-4572, https://www.euroinvent.org/ .
18.	Georgescu Ana-Maria, Muntianu Gabriela, Roșu Ana-Maria, Mirilă Diana Carmen, Moroi Alina-Mihaela, Vartolomei Nicoleta, Nistor Ileana Denisa, Lehăduș-Panainte Mirela	New Organic Digestive Biscuits with Rare Black Mulberry Addition and Delightful Jelly.	Expoziția Internațională INVENTCOR, ediția a VI-a, 03-05 aprilie 2025, Deva, https://www.corneliugroup.ro/inventcor.html .
19.	Moroi Alina-Mihaela, Vartolomei Nicoleta, Tănasă Simina, Roșu Ana-Maria, Mirilă Diana Carmen, Tomozei Claudia, Lehăduș-Panainte Mirela	Artisanal Biscuits with the Organic Rosehip Powder Addition.	Expoziția Internațională INVENTCOR, ediția a VI-a, 03-05 aprilie 2025, Deva, https://www.corneliugroup.ro/inventcor.html .
20.	Raluca Florența Doroftei, Mihaela Silion, Florin Nedeff, Ana-Maria Georgescu, Ana-Maria Roșu, Diana-Carmen Mirilă, Mirela Panainte-Lehăduș Și Ileana-Denisa Nistor	Valorificarea subproduselor piscicole din <i>Cyprinus carpio</i> pentru obținerea de biomateriale inovative funcționalizate.	Salonul Inovării și Cercetării UGAL INVENT, 23 - 24 Octombrie 2025, Galați, www.invent.ugal.ro .
21.	Alina-Mihaela Moroi, Nicoleta Vartolomei, Ana-Maria Roșu, Diana-Carmen Mirilă Claudia Tomozei, Mirela Panainte-Lehăduș	Biscuiți artizanali cu adaos de pudră ecologică de măceșe.	Salonul Inovării și Cercetării UGAL INVENT, 23 - 24 Octombrie 2025, Galați, www.invent.ugal.ro .
22.	Raluca Florența Doroftei, Diana Mirilă, Mihaela Silion, Daniela Ionita, Ana-Maria Roșu, Gabriela Muntianu, Ana-Maria Georgescu, Ileana-Denisa Nistor	New Insights into Clay Materials for TNT Adsorption and Catalysis.	EURO POLITEHNICUS 2025, International Innovation and Invention Show Second edition 21-23 noiembrie 2025, https://politehnicus.upb.ro/ .
23.	Diana-Carmen Mirilă, Mihaela Silion, Raluca Florenta Doroftei, Ana-Maria Rosu, Ana Maria Georgescu, Florin-Marian Nedeff, Gabriela Muntianu, Ileana-Denisa Nistor	Comparative Analysis of Clay-based Adsorbents and Biological Adsorbents derived from <i>Cyprinus Carpio</i> .	Applications of Chemistry in Nanosciences and Biomaterials Engineering (NanoBioMat 25-27 iunie 2025 - Summer Edition), https://nanobiomat.eu/nanobiomat2025_summer-edition/ , ISSN 3008-6124.
24.	Raluca Florenta Doroftei, Mihaela Silion, Daniela Ioniță, Andrei Dascalu, Florin Nedeff, Ana-Maria Georgescu, Ana-Maria Rosu, Diana-Carmen Mirilă, Ileana-Denisa Nistor	Eco-Friendly bio-catalysts from fish waste for dye removal in water treatment.	SICHEM, Politehnica University of Bucharest, Library Building, 6-7 November 2025, https://www.societatea-de-inginerie-chimica.ro/index.html .
25.	Mara-Cristina Panainte, Diana-Carmen Mirilă, Florin-Marian Nedeff,	The use of biodegradable materials for mitigating acoustic pollution.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
26.	Ahmed Elhabiri Sid, Kenichem Assia, Ana Maria Rosu, Diana Carmen Mirilă	Towards industrial application: selective recovery of Zn(ii), Cd(ii), and Ni(ii) by D2EHPA in a semi-pilot liquid-liquid extraction system.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
27.	Ahmed Elhabiri Sid, Denisa-Ileana Nistor, Diana Carmen Mirilă	Innovative water purification: removing malachite green with dendrimer clay.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/

28.	Emilian Mosneguțu, Claudia Tomozei, Grzegorz Przydatek, Mirela Panainte-Lehadus, Florin Nedeff, Diana Mirilă, Oana Irimia, Mădălina Roșu	Identification of the residual waste composition in Bacău county for the year 2023.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
29.	Mirela Panainte-Lehadus, Claudia Tomozei, Oana Irimia, Ancuta Paval, Florin Marian Nedeff, Diana - Carmen Mirilă	The role of eco-labeling in the circular economy.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
30.	Silvia Rubțov, Alexandra Arsenie, Georgeta Moga, Elena Cojan, Ana-Maria Georgescu, Diana Carmen Mirilă, Ana-Maria Rosu, Rodica Sturza, Ileana-Denisa Nistor	Stabilization of probiotic beverages using clay-based materials.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
31.	Raluca-Florenta Diaconescu (Doroftei), Diana-Carmen Mirilă, Ana-Maria Rosu, Ana-Maria Georgescu, Ileana-Denisa Nistor	Synthesized organoclays for the retention and catalytic degradation of methyl parathion.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
32.	Andreea Hortolomeu (Luncanu), Ana-Maria Rosu, Ana-Maria Georgescu, Gabriela Muntianu, Ileana-Denisa Nistor, Diana-Carmen Mirilă	Spectrophotometric determination of polyphenolic compounds in various wines from Bacău county.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
33.	Alina Mihaela Moroi, Nicoleta Vartolomei, Simina Tanasa, Ana Maria Rosu, Diana-Carmen Mirilă, Mirela Panaite Lehadus	Sensory characteristics of functional pastry products with rosehip powder addition.	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
34.	Ana-Maria Georgescu, Diana-Carmen Mirilă, Gabriela Muntianu, Alina-Mihaela Moroi	Produs inovativ TrinutriBar.	Concursul internațional studentesc ECOTROPHELIA ROMÂNIA, faza națională, USAMV București, 19-21 iunie 2025, https://usamv.ro/competitia-internationala-ecotrophelia-romania-19-21-iunie-2025-inovatie-sustenabilitate-si-excelenta-in-industria-alimentara/ .
35.	Andrei ZAHARIA, Valentin NEDEFF	Studies and Research on the Behavior of Polyamide Membranes in the Treatment of Wastewater from a Poultry Slaughterhouse	International Conference “Applications of Chemistry in Nanosciences and Biomaterials Engineering – NanoBioMat 2025”
36.	Ancuta Paval, Mirela Panainte-Lehadus, Claudia Tomozei, Oana Irimia, Narcis Barsan	Study on eco-labels for tourism services	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
37.	D.I. Rusu	Photoluminescence and Optical Properties of Polycrystalline Zinc Oxide Thin Films	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
38.	D.I. Rusu	Correlations Between Structural, Morphological and Optical Properties of ZnO Thin Films Obtained by Thermally Oxidized Metallic Zinc Films	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
39.	Grigoraș C., Zichil V., Ciubotariu V.A.	Comparative analysis of mechanical response in aluminum alloys under tensile loading: effects of scratches and fatigue preconditioning	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/

40.	Grigoraș C., Zichil V., Ciubotariu V.A.	Impact of multidirectional scratches and induced fatigue on the mechanical response of aerospace-grade Aluminum alloys	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
41.	Zichil V., Grigoraș C., Roșu A.M., Ciubotariu V.A.	Effects of corrosion on the tensile properties of Aluminum alloys 6061-T4 and 7075-T0	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
42.	Grigoraș C., Zichil V., Malureanu C.R.	Design and implementation of a hand gesture controlled hydraulic actuation system using cloud real-time database for remote operation	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
43.	I. Pleșcău, C. Drob, V. Zichil, C. Grigoraș, G. Mihălăchioae	The influence of ICT adoption on the firms' performance: evidence from Romania	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
44.	I. Pleșcău, C. Drob, V. Zichil,	What drives entrepreneurship? Determinants of the entrepreneurial incentives in Europe	The 17th Edition International Conference GEBA 2026, 16-18.10.2025, Iași
45.	C. Drob, V. Zichil, I. Pleșcău,	The effect of consumption and investment on economic growth in Romania	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
46.	C. Drob, V. Zichil, I. Pleșcău,	The impact of stock exchange development on economic growth in Romania	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
47.	Căliman R.	Study on the use of thermal tubes to improve the thermal efficiency of buildings	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
48.	Căliman R.	Study of hot air heating installations	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
49.	Radu Petrică; Tampu Nicolae-Catalin, Herghelegiu Eugen, Schnakovszky Carol, Radu Maria-Crina	Study of the cutting forces and quality parameters of thin-walled parts machined by milling	International Conference on Integrated Engineering (CIE/C2I 2025) https://c2i.upt.ro/
50.	Nita, B.; Schnakovszky, C.; Herghelegiu, E.; Chirita, B.; Tampu, R.; Tampu, C.	Influence of Cutting Parameters on Surface Quality of AL7075 Alloy Under Dry and LN2 Cooling Conditions	International Conference on Integrated Engineering (CIE/C2I 2025) https://c2i.upt.ro/
51.	Tampu Nicolae-Catalin, Herghelegiu Eugen, Radu Maria-Crina	The influence of working regime on the performance of milling process of parts with low rigidity	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
52.	Petrica Radu, Carol Schnakovszky, Eugen Herghelegiu, Nicolae Catalin Tampu, Maria Crina Radu, Bogdan Alexandru Chirita	Influence of process parameters on the performance of die-sinking edm of low stiffness parts made by gamma titanium aluminide	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
53.	Maria Crina Radu, Carol Schnakovszky, Eugen Herghelegiu, Petrica Radu, Nicolae Catalin Tampu, Bogdan Alexandru Chirita, Bogdan Nita, Crinel Ionel Raveica	The influence of electrode and process parameters on the electrical discharge machining of aluminum alloys with vegetable dielectrics	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/

54.	Lidia Diana Copot, Daniela Monica Iordache, Simona Nicoleta Mazurchevici, Maria Crina Radu, Raluca Ioana Tampu, Eugen Herghelegiu	Research on single point incremental forming of metal sheets: a review	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
55.	Raluca Ioana Tampu, Nicolae Catalin Tampu, Elena Rodica Marin, Cristina Nedelcu, Madalina Nicoleta Grigoras	Shaping technical thinking in primary school: A study on early educational influence	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
56.	Bogdan Alexandru Chirita, Cosmin Constantin Grigoras, Nicolae Catalin Tampu, Eugen Herghelegiu	Researches concerning the green machining of magnesium alloys	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
57.	Bogdan Nita, Nicolae Catalin Tampu, Raluca Ioana Tampu, Eugen Herghelegiu, Carol Schnakovszky, Bogdan Alexandru Chirita	Influence of cutting parameters on surface quality of AL6061 alloy under dry and LN2 cooling conditions	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
58.	Nicolae Catalin Tampu, Raluca Ioana Tampu, Eugen Herghelegiu, Ionel Crinel Raveica, Ionel Olaru, Bogdan Alexandru Chirita, Bogdan Nita	Analysis of machining parameter effects on surface quality in dry machining of TI-6AL-4V alloy	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
59.	Nicolae Catalin Tampu, Raluca Ioana Tampu, Eugen Herghelegiu, Carol Schnakovszky, Maria Crina Radu, Bogdan Alexandru Chirita, Bogdan Nita	Residual stresses generated by milling in surface layers	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
60.	Vlad Andrei Ciubotariu, Cosmin Constantin Grigoras, Zichil Valentin, Nicolae-Catalin Tampu	Mechanical optimization of reprop helios arm	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
61.	Nicolae-Catalin Tampu, Vlad Andrei Ciubotariu, Cosmin Constantin Grigoras, Valentin Zichil	2R1T Robots for metal machining quality assessment	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
62.	Nicolae Catalin Tampu, Raluca Ioana Tampu, Cosmin Constantin Grigoras, Vlad Andrei Ciubotariu, Valentin Zichil	Integration of mechatronic systems in virtual and augmented reality applications	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
63.	Carol Schnakovszky, Bogdan Alexandru Chirita, Maria Crina Radu, Crinel Ionel Raveica, Ionel Olaru, Nicolae Catalin Tampu, Bogdan Nita, Eugen Herghelegiu	Optimization of AWJ machining parameters of armor steels	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
64.	Eugen Herghelegiu, Oana Georgeta Ghiorghe, Maria Crina Radu, Carol Schnakovszky, Petrica Radu, Nicolae Catalin Tampu, Bogdan Alexandru Chirita, Bogdan Nita	Optimization of process parameters for electrical discharge machining of C120 material	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
65.	Eugen Herghelegiu, Carol Schnakovszky, Bogdan Alexandru Chirita, Maria Crina Radu, Crinel Ionel Raveica, Ionel Olaru, Nicolae Catalin Tampu, Bogdan Nita	Optimization of abrasive water jet machining parameters of aluminum alloys	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/

66.	Ionel Olaru, Ionel Crinel Raveica	Study on determining the functional characteristics of the main pump from a hydraulic drive	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
67.	Ionel Crinel Raveica	Generative design and new designers' role in the manufacturing industry - bibliometric study	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
68.	Bogdan Alexandru Chirita, Carol Schnakovszky, Maria Crina Radu, Eugen Herghelegiu, Crinel Ionel Raveica, Ionel Olaru, Nicolae Catalin Tampu, Bogdan Nita	Optimization of AWJ machining parameters of SJ 235 structural steels	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
69.	Elena Mihaela Cot, Bogdan Alexandru Chirita, Eugen Herghelegiu, Maria Crina Radu, Nicolae Catalin Tampu, Bogdan Nita	Steels research on the influence of cutting regimes on the quality of parts made from titanium alloys	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
70.	Oana Georgeta Ghiorghe, Carol Schnakovszky, Maria Crina Radu, Bogdan Alexandru Chirita, Eugen Herghelegiu, Crinel Ionel Raveica, Petrica Radu, Nicolae Catalin Tampu, Bogdan Nita, Ionel Olaru	Study on the influence of machining parameters on electrode wear and quality of surfaces machined by EDM	The 20th International Conference of Constructive Design and Technological Optimization in Machine Building Field OPROTEH 2025, May 21-23, 2025 Bacau. https://oproteh.ub.ro/
71.	Vlad Andrei Ciubotariu, Valentin Zichil, Cosmin Constantin Grigoras	Fatigue optimization of ambulance hinges: materials and geometry	The 26th National Symposium of Fracture Mechanics https://armr.ro/buletine-armr/buletin-armr-2025/
72.	Doroftei R.F., Mirila D., Silion M., Istrate D., Rosu A.-M., Muntianu G., Georgescu A.-M., Nistor I.D.	Clays as dual-function materials in TNT adsorption and catalysis	Virtual International Scientific Conference on "Applications of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat 2025" – Winter Edition, 26-28 November 2025 București, https://nanobiomat.eu/
73.	Răducanu D., Georgescu A.-M., Ungureanu C.-V., Horincar G.	An innovative approach to preserving fruits and vegetables to prevent microbiological risks	International Conference „Interdisciplinarity and Cooperation in Cross-Border Research – ICCR 2025”, 5 th Edition, 13-15 November 2025, online, https://www.iccr.ugal.ro/
74.	Ungureanu C.-V., Florea L., Horincar G., Răducanu D., Georgescu A.-M.	Physico-chemical and sensory quality evaluation of organic wines produced in the Republic of Moldova	International Conference „Interdisciplinarity and Cooperation in Cross-Border Research – ICCR 2025”, 5 th Edition, 13-15 November 2025, online, https://www.iccr.ugal.ro/
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78.	Georgescu A.-M., Rosu A.-M., Muntianu G., Mosnegutu E., Mirila D., Nistor I.-D.	Gelatin-clay hybrid composites for dye adsorption in food industry applications	<i>Symposium of International Chemical Engineering and Materials, SICHEM 2025</i> , POLITEHNICA Bucharest, Romania, 6-7 November 2025, http://www.societatea-de-inginerie-chimica.ro/index.html

79.	Doroftei R.F., Silion M., Ioniță D., Dascălu A., Nedeff F., Georgescu A.-M., Roșu A.-M., Mirilă D., Nistor I.-D.	Eco-friendly bio-catalysts from fish waste for dye removal in water treatment	<i>Symposium of International Chemical Engineering and Materials, SICHEM 2025</i> , POLITEHNICA Bucharest, Romania, 6-7 November 2025, http://www.societatea-de-inginerie-chimica.ro/index.html
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84.	Rusu L.*, Niță N.-T., Nedeff F.M., Șuteu D., Suceveanu E.-M.	Biosorption of cationic dyes onto a novel biocomposite material based on sawdust and natural polymers: evaluation of kinetic models	<i>13th International Conference on Environmental Engineering and Management (ICEEM 13)</i> , Empower Sustainability, Iasi, 17-20 septembrie 2025, https://www.iceem.tuiasi.ro/
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3.	Livini Petru, Banu Ioan-Viorel, Culea George, Majout Btissam, Popa Sorin-Eugen, Vernica Sorin-Gabriel	Intelligent system for controlling the supply voltage of the excitation winding of the three-phase synchronous generator	2025 International Conference on Circuit, Systems and Communication (ICCSC), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11134902	Electronic ISBN 979-8-3315-6528-2, Print ISBN 979-8-3315-6529-9
4.	Banu Ioan Viorel , Barkat Fadila, Istrate Marcel, Guerrero Josep, Grigore Roxana , Motas Justina	Modeling and Simulation of Vehicle-to-Grid (V2G) Systems for Frequency Regulation in Microgrids	2025 International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11273639	Electronic ISBN 979-8-3315-1299-6, USB ISBN 979-8-3315-1298-9, Print ISBN 979-8-3315-1300-9
5.	Barkat Fadila, Guerrero Josep, Banu Ioan Viorel	Gaussian Mixture Model-Driven Scenario Analysis and Human-Centered Performance Assessment for Autonomous Photovoltaic-Battery Electric Vehicles Charging Stations	2025 International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11273370	Electronic ISBN 979-8-3315-1299-6, USB ISBN 979-8-3315-1298-9, Print ISBN 979-8-3315-1300-9
6.	Barkat Fadila, Guerrero Josep, Lalmi Djemoui, Banu Ioan Viorel, Andrioaia Dragoș-Alexandru , Motas Justina	Modeling of Perovskite Solar Cells Under Cyclic Environmental Conditions with a Focus on Improving Stability	2025 International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11273505	Electronic ISBN 979-8-3315-1299-6, USB ISBN 979-8-3315-1298-9, Print ISBN 979-8-3315-1300-9

7.	Banu Ioan Viorel, Grigore Roxana, Popa Sorin Eugen, Puiu Petru-Gabriel, Vernica Sorin-Gabriel, Barbu Ioana Mădălina	Some Considerations About Importance of Virtual Power Plants in Romanian Power System	2025 International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11273567	Electronic ISBN 979-8-3315-1299-6, USB ISBN 979-8-3315-1298-9, Print ISBN 979-8-3315-1300-9
8.	Grigore Roxana, Vernica Sorin-Gabriel, Paladie Cătălin Ionel, Banu Ioan-Viorel, Popa Sorin Eugen	Comparative Performance and Environmental Assessment of Conventional and Condensing Wall-Mounted Gas Boilers in Residential Applications	2025 International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11273499	Electronic ISBN 979-8-3315-1299-6, USB ISBN 979-8-3315-1298-9, Print ISBN 979-8-3315-1300-9
9.	Grigore Roxana, Banu Ioan-Viorel, Vernica Sorin-Gabriel, Barbu Ioana Mădălina	Modelling and Comparative Analysis of the Performance of a Hybrid Photovoltaic Panel and a Simple Photovoltaic Panel Using Matlab	2025 12th International Conference on Energy and Environment (CIEM), Indexat IEEE Xplore: https://ieeexplore.ieee.org/document/11284564	Electronic ISBN 979-8-3315-9527-2, Print ISBN 979-8-3315-9528-9
10.	Boris Ivanov Evstatiev, Nikolay Valov, Tsvetelina Kaneva, Ioan Viorel Banu, George Culea, Nikolay Mihailov	An Educational Innovative Platform for Research and Training in Solar Energy	19th Conference on Electrical Machines, Drives and Power Systems (ELMA), IEEE 10.1109/ELMA65795.2025.11083438	ISSN 2997-6324
11.	Enachi Andrei, Turcu Corneliu-Octavian, Culea George, Sghera Bogdan-Constantin, Ungureanu Andrei-Gabriel	Real-Time Sign Language Interpretation: Integrating Gesture Recognition with Syntactic Analysis	25th International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania, 2025, pp. 432-437 https://ieeexplore.ieee.org/document/11181649	ISSN 2379-0482
TOTAL = 11 articole din care 6,56 fracțiuni				

16. Alte articole publicate la activități internaționale/ naționale

Nr. crt.	Autor(i)	Titlul articolului	Date identificare revistă
1.			
TOTAL = fracțiuni			

17. Alte proiecte inițiate / organizate

Nr. crt.	Proiect		Director proiect		Membri echipă	Valoare în lei (2025)
	Nr. înregistrare	Denumire	Nume	Prenume		
1.	4295/19.03.2025	Contract de sponsorizare BRD- Amenajarea unui atelier de microproducție publicitară	Nedeff	Florin	1	49.919,11/ 118.000lei
2.		<i>Sesiunea Națională de Comunicări Științifice Studențești – „Ingineria – Profesia Viitorului”</i> – ediția a VIII-a, 20-22 mai 2025				
3.		<i>Noaptea Cercetătorilor Europeni 2025</i> , 26 septembrie 2025, organizată la Universitatea „Vasile Alecsandri” din Bacău				
4.		<i>Școala de vară a viitorului inginer, ediția a III-a</i> , 23-27 iunie 2025, Universitatea „Vasile Alecsandri” din Bacău, Facultatea de Inginerie				

5.		<p>EURO POLITEHNICUS 2025, International Innovation and Invention Show, Second edition 21-23 noiembrie 2025 (https://politehnicus.upb.ro/), participare cu lucrarea „New insights into clay materials for TNT adsorption and catalysis”:</p> <ol style="list-style-type: none"> 1. Medalie de aur acordată de instituția organizatoare (Universitatea Națională de Știință și Tehnologie POLITEHNICA din București) și Juriul internațional 2, 3. Premiu special și medalie acordat de către Universitatea “Lucian Blaga” din Sibiu 4, 5. SPECIAL AWARD diploma și medalie acordată de către Universitatea Politehnica Timișoara. 			Doroftei R.F., Mirilă D., Silion M., Ionita D., Roșu A.-M., Muntianu G., Georgescu A.-M., Nistor I.-D.	
6.		<p>Salonul Inovării și Cercetării UGAL INVENT, 23 - 24 Octombrie 2025, Galați, România (www.invent.ugal.ro), participare cu două proiecte:</p> <ol style="list-style-type: none"> A) „Studii preliminare privind influența făinii de hrișcă asupra calității pâinii albe” B) Valorificarea subproduselor piscicole din <i>Cyprinus carpio</i> pentru obținerea de biomateriale inovative funcționalizate C) Biscuiți artizanali cu adaos de pudră ecologică de măceșe <p>Instituțiile organizatoare, Universitatea „Dunărea de Jos” din Galați și Black Sea Universities Network, în colaborare cu partenerii au acordat:</p> <ol style="list-style-type: none"> 1. Medalia de aur pentru proiectul A 2. Medalia de aur pentru proiectul B 3. Medalia de aur pentru proiectul C 4, 5. Medalie de Aur și Diplomă de excelență acordate de către Institutul Național de Cercetare-Dezvoltare pentru Mașini și Instalații Destinate Agriculturii și Industriei Alimentare - INMA București pentru proiectul C 6. Diplomă de excelență acordată de către Institutul Național de Cercetare-Dezvoltare pentru Mașini și Instalații Destinate Agriculturii și Industriei Alimentare - INMA București pentru proiectul A 7. Diplomă de excelență acordată de către Institutul Național de Cercetare-Dezvoltare pentru Mașini și Instalații Destinate Agriculturii și Industriei Alimentare - INMA București pentru proiectul B 			<p>A) Arus V.-A., Georgescu A.-M., Platon N., Roșu A.-M., Muntianu G., Teușdea A.C., Vartolomei N., Nistor I.D.</p> <p>B) Doroftei R.F., Silion M., Nedeff F., Georgescu A.-M., Roșu A.-M., Mirilă D.-C., Panainte-Lehăduș M., Nistor I.-D</p> <p>C) Moroi A.-M., Vartolomei N., Rosu A.-M., Mirila D.-C., Tomozei C., Lehadus-Panainte M.</p>	
7.		<p>The 17th edition of EUROINVENT, European Exhibition of Creativity and Innovation, 8-10 mai 2025, Iași, (https://www.euroinvent.org), participare cu două proiecte:</p> <ol style="list-style-type: none"> A) „Innovative nanomaterial used as catalyst and bacterial inhibition agent” B) „Influence of rosehip powder addition on the artisanal biscuits quality” <p>Instituțiile organizatoare a evenimentului EUROINVENT 2025, Forumul Inventatorilor din România, Europe Direct Iași, Universitatea Tehnică „Gheorghe Asachi” din Iași și Universitatea „Alexandru Ioan Cuza” din Iași, au acordat:</p> <ol style="list-style-type: none"> 1. Medalia de aur pentru proiectul A 2. Medalia de argint pentru proiectul B 			<p>A) Mirilă D.C., Roșu A.-M., Georgescu A.-M., Muntianu G., Nedeff F., Panainte-Lehăduș M., Nistor I.D.</p> <p>B) Moroi A.-M., Vartolomei N., Tănasă S., Roșu A.-M., Mirilă D.C., Tomozei C., Panainte-Lehăduș M.</p>	

	<p>Alte instituții prezente la eveniment au acordat următoarele diplome și medalii:</p> <ol style="list-style-type: none"> 3. Premiul de excelență pentru rezultatele obținute în domeniul Bioingineriei Medicale acordat de către Universitatea de Medicină și Farmacie „Grigore T. Popa” Iași pentru proiectul A 4, 5. CUPA și Diplomă SPECIAL AWARD acordate de către Corneliu Group Research-Innovation Association pentru proiectul A 8. Certificat de excelență acordat de către Corneliu Group Research-Innovation Association pentru proiectul A 7, 8. Medalie și Diplomă acordate de către Romanian Association for Alternative Technologies (ARTA) Sibiu, ca semn de onoare, recunoaștere și apreciere a creativității științifice și originalității pentru proiectul A 9, 10. Medalie și Diplomă SPECIAL AWARD acordate de către Universitatea Politehnica Timișoara pentru proiectul A 11, 12. Medalie și Premiu acordate de către Universitatea „Lucian Blaga” din Sibiu pentru proiectul A 13, 14. Medalie și Diplomă SPECIAL AWARD acordate de către Corneliu Group Research-Innovation Association pentru proiectul B 15, 16. Medalie și Diplomă de excelență acordate de către Institutul Național de Cercetare-Dezvoltare pentru Mașini și Instalații Destinate Agriculturii și Industriei Alimentare – INMA București pentru proiectul B 17, 18. Medalie și Diplomă - Romanian Association for Alternative Technologies (ARTA) Sibiu pentru proiectul B 				
9.	<p>The 6th edition of International Exhibition INVENTCOR, 3-5 Aprilie 2025, Deva (https://www.corneliugroup.ro/inventcor.html), participare cu cinci proiecte:</p> <ol style="list-style-type: none"> A) „New organic digestive biscuits with rare black mulberry addition and delightful jelly” B) „Artisanal biscuits with the organic rosehip powder addition” C) “Yogurt with the organic rosehip powder addition” D) “Pomaces valorization for obtaining enriched dehydrated fruit rolls” E) “Freeze-dried pomace powder with acacia honey” <p>Printre premiile oferite de către organizatorii, Asociația CORNELIUGROUP Cercetare -Inovare în colaborare cu Universitatea Politehnica Timișoara, Universitatea „Lucian Blaga” din Sibiu și Asociația Română pentru Tehnologii Alternative Sibiu (A.R.T.A)., se numără:</p> <ol style="list-style-type: none"> 1. Trofeu pentru contribuția extraordinară în domeniul cercetării și inovării acordat Universității „Vasile Alecsandri” din Bacău 2, 3. Medalie de Aur și Premiu Special Trofeu pentru proiectul A 4. Medalie de Aur pentru proiectul B 5. Medalie de Aur pentru proiectul C 6. Medalie de Aur pentru proiectul D 			<ol style="list-style-type: none"> A) Georgescu A.-M., Muntianu G., Roșu A.-M., Mirilă D.C., Moroi A.-M., Vartolomei N., Nistor I.D., Panainte-Lehăduș M. B) Moroi A.-M., Vartolomei N., Tănăsă S., Roșu A.-M., Mirilă D.C., Tomozei C., Panainte-Lehăduș M. C) Vartolomei N., Arus V.-A., Tănăsă S., Platon N., Georgescu A.-M., Muntianu G., Nistor I.D., Turtoi M. D) Grosu L., Patriciu O.-I., Alexa I.-C. E) Students: Popa M.-Ș., Tănăsă I.-P., Pitic A.-L., Mîtreă A.-A.; Mentors: Suceveanu E.-M., Grosu L., Patriciu O.-I., Alexa I.-C. 	

	<p>7. Medalie de Aur pentru proiectul E Alte instituții de prestigiu prezente la salon au mai acordat următoarele medalii și premii:</p> <p>8. Medalie de Aur acordată de International Center for Research and Development IRAQ pentru proiectul A.</p> <p>9. Medalie de Aur și Premiu Special pentru aceeași lucrare, acordat de Universitatea „Constantin Brâncuși” din Târgu Jiu pentru proiectul A.</p> <p>10. Medalie de Argint acordată de Association of Inventors and Innovators UPI CIB Serbia pentru proiectul A.</p> <p>11. Medalie de Argint acordată de Research and Development Center HEALTHY VIBE Holistic Treatment pentru proiectul B.</p> <p>Medalie de Argint acordată de Association IDEA Club 13 Ungaria pentru proiectul B.</p>				
10.	<p>”Invent-Invest 2025” - Exhibition and Workshop on Innovation Satellite event within the European Conference on Innovation Management (ECIM 2025), hosted by Pannonia University, Veszprem, Hungary, November 20-21, 2025</p> <p>Diploma of Excellence with Honours Awarded by Romanian Society of Inventors for OSIM patent application No. A/00776: “Residual microbial biomass immobilized in polymer matrices for the retention of persistent organic micropollutants from industrial effluents”</p>			Șuteu D., Blaga A.C., Zaharia C., Rusu L.	
11.	<p>Conferința „Recompensând performanța - opțiuni pentru finanțarea cercetării în universități” organizată în cadrul activității A4_A4.1 - proiect PEO 319112</p> <p>Participare la organizarea conferinței în calitate de expert în cadrul proiectului</p>			Rusu L.	
12.	<p>Workshop: Innovation in Oenology, Sommelier Expertise, and Ecotourism Research across the EU: Topics, Contexts, and Competencies within the R&I Framework, 1 decembrie 2025, Universitatea Tehnică a Moldovei, Chisinau</p>			Mirilă D.C., Roșu A.-M.	
13.	<p>Workshop: Research and Innovation in Technologies for a Sustainable Future, 1 decembrie 2025, Universitatea Tehnică a Moldovei, Chisinau</p>			Mirilă D.C., Irimia O., Roșu A.-M.	
14.	<p>Participarea la ediția a XI-a a Concursului Național „Ecotrophelia” România 2025 organizată de USAMV București, sub egida Asociației Specialiștilor de Industrie Alimentară din România (ASIAR), 19–21 iunie 2025 a echipei „Nutri-Bite-Up!” (studenți: BELCIU Paula-Adela, DAMIAN Paul-Vasile, NECULAI Ștefan-Cătălin și VRABIE (PATRAȘCU) Ioana-Maria de la Facultatea de Inginerie UVABc, ILIE Ana-Larisa de la Facultatea de Litere și TUDOSE Florin de la Facultatea de Științe ale Mișcării, Sportului și Sănătății)</p> <p><i>Echipa „Nutri-Bite-Up!” a obținut Premiul III</i></p>			Studentii au fost coordonați de: Ș. I. dr. ing. GEORGESCU A.-M. Lector univ. dr. ing. ec. MIRILĂ D.-C. Dr. ing. MOROI A. Ș. I. dr. ing. MUNTIANU G.	

15.	ACORD DE PARTENERIAT a activității de educație economică și antreprenorială între Universitatea „Vasile Alecsandri” din Bacău, Societatea Antreprenorială Studențească din Universitatea „Vasile Alecsandri” din Bacău (SAS-UBC), Colegiul Economic „Ion Ghica” Bacău - nr. 21923/03.11.2025			Ș. I. dr. ing. PLATON N. Conf. univ. dr. ing. ARUȘ V.-A. S. I. dr. ing. ROȘU A.-M. Lector dr. ec. PLEȘCĂU I.	
16.	<i>Raport tehnic final - Contract de cercetare - Soluții inovative și sustenabile pentru valorificarea deșeurilor de lemn rezultate de la fabricarea mobilei în vederea integrării în economia circulară (Acronim SustenWood)</i>			RUSU L.	
TOTAL = 16 activități					

Se va completa și cu alte activități/manifestări științifice relevante, specifice facultăților (simpozioane, workshopuri, mese rotunde, evenimentul „Noaptea Cercetătorilor Europeni”, etc.)

DECAN,

Prof. dr. ing. Mirela Panainte-Lehăduș

PRODECAN,

Prof. dr. ing. Bogdan-Alexandru Chiriță