

FIȘA DE VERIFICARE

a îndeplinirii standardelor minimale necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior, a gradelor profesionale de cercetare-dezvoltare, a calității de conducător de doctorat și a atestatului de abilitare
Comisia 16 Inginerie Industrială și management

Savin Dorin IONESI / Data nașterii: 14.01.1985 Funcția actuală: conferențiar universitar
Data numirii în funcția actuală: 17.02.2020 (Decizia TUIASI nr. 354/14.02.2020) Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași.

Tabel 1: Condiții minimale / punctaje obținute (în conformitate cu Domeniul CNATDCU de la titularizare sau abilitare)

Condiții minimale (Ai)			
Nr crt.	Domeniul de activitate	Condiții Profesor/ Abilitare	Punctaj obținut
1	Activitate didactica/profesionala (A1)	130	252.14
2	Activitate de cercetare (A2)	300	1232
3	Recunoasterea si impactul activitatii activitatii (A3)	100	964.38
TOTAL (puncte)		Minim: 530	2448.52

Scor_j – Criteriul C 2.1 Calitatea resursei umane

$$\text{Scor}_j^{(U)} = \frac{\text{punctaj}_{CD_j^{(U)}}}{\text{punctaj}_{\text{minim CNATDCU}_j^{(U)}}} = 4.62$$

În această formulă:

- Scorul J este scorul obținut pentru cadrul didactic CD_j, de la universitatea U (TUIASI);
- punctaj_CD(U)_j - punctajul comunicat de universitate pentru cadrele didactice CD_j (conform Ordinului MECTS nr. 6560/2012, cu modificările ulterioare considerate până la momentul raportării);
- punctaj_min_CNATDCU(U)_j - punctajul minim stabilit de CNATDCU, pentru domeniul în care cadrul didactic CD_j deține titlul respectiv.

Tabelul 2. Structura activitatii cadrelor didactice / cercetatorilor si punctaje realizate

Nr crt	Criteriu		Conditii minimale (realizări)	Nr. realizari	Punctaje totale	
A1	1.1 Cărți/manuale/ monografii / capitole în cărți de specialitate	1.1.1 Cărți/manuale/ monografii / capitole în cărți de specialitate ca autor	1.1.1.1 internaționale	2	1.76	
		1.1.2 Cărți ca editor	1.1.1.2 naționale (Ed. recunoscute)	2 pa	4 (3 pa)	37.64
			1.1.2.1 internaționale	-	-	-
			1.1.2.2 naționale	-	-	-
	1.2 Alte materiale didactice, inclusiv în format electronic	1.2 Suporturi de curs / Îndrumare		4 (2 pa)	6 (5 pa)	15.29
	1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă	Director/ Responsabil		-	2	30
1.4 Dezvoltare de noi discipline	Titular		-	6	60	
1.5 Proiecte educaționale (ERASMUS, Leonardo etc.)	Director/ Responsabil		-	13	107.45	
A2	2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baze de date	Articole în Reviste indexate ISI		8 (3 ap)	43 (16 de la ultima promovare, 5 ap, 3Q1, 7Q2)	332.37
		Articole în volume indexate ISI Proceedings				
	2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale			8	23 (14 de la ultima promovare)	89.5
	2.3 Articole in extenso în reviste/ volumele unor manifestări științifice naționale/internaționale neindexate (max. 2	Articole in extenso în Reviste naționale/internaționale neindexate		-	4	7.2
		Articole in extenso în Proceedings naționale/internaționale		-	25	29.43

Nr crt	Criteriu		Conditii minimale (realizări)	Nr. realizari	Punctaje totale	
	la aceeași ediție)	neindexate				
	2.4 Proprietate intelectuală, brevete de invenție și inovație etc.	2.4.1 internaționale	-			
		2.4.2 naționale	-	1	5	
	2.5 Granturi/proiecte câștigate prin competiție sau cu mdeiul social-economic	2.5.1 Director/ Responsabil	2.5.1.1 internaționale	2D sau 4R	2 (D, R)	598.5
			2.5.1.2 naționale		2 (D)	15,16
		2.5.2 Membru în echipa	2.5.2.1 internaționale	-	13	108
			2.5.2.2 naționale	-	7	22
	2.6. Coordonare/ dezvoltare laborator/ centru cercetare (dacă este și didactic, punctajul se cuantifică o singura dată)	Responsabil	-	1	40	
A3	3.1 Vizibilitate în baze de date internaționale	3.1.1 Citări în articole indexate ISI	-	170	355.8	
		3.1.2 Citări în articole indexate BDI	-	17	23.83	
		3.1.3 Citări în alte publicații	-	3	2.75	
	3.2 Prezentări efectuate ca invitat în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv ERASMUS)	3.2.1 internaționale	-	1	20	
		3.2.2 naționale	-	-	-	
	3.3 Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice/ Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI	3.3.1 indexate ISI	-	5	50	
		3.3.2 indexate BDI	-	11	88	
		3.3.3 naționale și internaționale neindexate	-	9	45	
	3.4 Experiența de management, analiză și evaluare în cercetare și/sau	3.4.1 Conducere	-	6	155	
		3.4.2 Membru	-	12	160	

Nr crt	Criteriu		Conditii minimale (realizări)	Nr. realizari	Punctaje totale
	învățământ				
	Criterii opționale				
3.5 Premii	3.5.1 Academia Română		-	-	-
	3.5.2 ASAS, AOSR, academii de ramură și CNCSIS		-	-	-
	3.5.3 premii internaționale		-	3	30
	3.5.4 premii naționale în domeniu		-	2	10
3.6 Membru în academie, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.1 Academia Română		-	-	-
	3.6.2 ASAS, AOSR și academii de ramură		-	-	-
	3.6.3 Conducere asociații profesionale	3.6.3.1 internaționale	-	-	-
		3.6.3.2 naționale	-	-	-
	3.6.4 Asociații profesionale	3.6.4.1 internaționale	-	2	10
		3.6.4.2 naționale	-	3	9
	3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere	-	-	-
		3.6.5.2 Membru	-	1	5

DETALIERE INDICATORI**Activitate didactica/profesionala (A1)****1.1 Cărți/manuale/ monografii / capitole în cărți de specialitate****1.1.1. Cărți/manuale/ monografii / capitole în cărți de specialitate ca autor**

Nr crt	Subcategoriile (National / International)	Rezultate (punctaje)	Carti de specialitate/Capitole de carti (titlul, autorii, nr. pagini, Editura, ISBN)	Nr pagini
0	1	2	3	4
1	Internațional	0.88	Ailenei, E.C., Bodoga, A., Nistorac, A., Ionesi, S.D., Loghin, M.C., Closing the Loop, in Green Intelligence, CRC Press, 10.1201/9781003518990-9, 2025	22
2	Național	3.77	Ionesi, S.D., Tita, C., Avadanei, M., Bazele proiectării tehnologice asistate de calculator, Editura Performantica, 2025, 978-630-328-162-9 – 113 pagini	113
3	Național	4	Ionesi, S.D., Tiță, C., Ciobanu, L., Grafica Asistata de Calculator, Editura Performantica. ISBN 978-630-328-115-5 – 120 pagini, 2024	120
4	Național	20.1	Ionesi, S.D., Materiale composite cu ranforsări textile, Editura Performantica, Iași, ISBN: 978-606685673-7, 2019	201
5	Național	9.77	Dulgheriu, I., Loghin, E.C., Ionesi, S.D., Gazea, A., Ghid de bune practici pentru susținerea mediului antreprenorial din România prin tehnici economice regionale, Editura Performantica, Iași, ISBN: 978-606-685-696-6, 2019	391
6	Internațional	0.88	2. Loghin, C., Ciobanu, L., Ionesi, S.D., Loghin, E., Cristian, I., Introduction to waterproof and water repellent textiles, in Waterproof and Water Repellent Textiles and Clothing, Editura Elsevier, ISBN: 978-0-08-101212-3, 2018	22
	TOTAL	39.4		

1.2 Alte materiale didactice, inclusiv în format electronic**1.2.1. Suporturi de curs / Îndrumare**

Nr crt	Rezultate (punctaje)	Titlul Manualului (titlul, autorii, nr. pagini, website)	Nr pagini
0	1	2	3
1	2.42	Ionesi, S.D., Ciobanu, L., Grafica Asistata de Calculator – suport de curs www.moodle.tex.tuiasi.ro	97
2	3.6	Ionesi, S.D., Ursache, M, Tehnologii Industriale - Tricoturi – suport de curs www.moodle.tex.tuiasi.ro	144
3	1.1	Ionesi, S.D., Basics of computer aided technological design, suport de curs – 111 slide-uri https://learning.tuiasi.ro/course/view.php?id=1143	22

4	3.7	Ciobanu, L., Ionesi, S.D., Grafica Asistata de Calculator – Îndrumar de laborator, Ed. Performantica, Iasi, 2016, ISBN: 978-606-685-416-0, 148 pg	148
5	2.27	Ionesi, S.D., Ursache, M, Tehnologii Industriale - Tricoturi – suport de laborator www.moodle.tex.tuiasi.ro	91
6	2.2	Ionesi, S.D., Bazele Proiectării tehnologice Asistate de Calculator, suport de laborator www.moodle.tex.tuiasi.ro	44
TOTAL	15.29		

1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă

Nr crt	Rezultate (punctaje)	Coordonare de programe de studii
0	1	2
1	15	Tehnologia Tricotajelor și a Confecțiilor
2	15	Design Industrial
TOTAL	30	

1.4 Dezvoltare de noi discipline

Nr crt	Rezultate (punctaje)	Titular disciplină
0	1	2
1	10	Tehnologii Industriale Tricoturi
2	10	Bazele Proiectării Tehnologice Asistate de Calculator
3	10	Grafica Asistata de Calculator II
4	10	Tehnologii Textile Industriale
5	10	Tehnologii de Fabricație
6	10	Inginerie Generala in Textile Pielarie II
TOTAL	60	

1.5 Proiecte educaționale (ERASMUS, Leonardo etc.)

Nr crt	Rezultate (punctaje)	Proiecte educaționale
0	1	2
1	50	Școala de vară Junior Designer – CREATIVE, 119/SGU/PV/II, Program ROSE-SGU(PV)-MEN, Beneficiar TUIasi – DIMA, Director proiect, 2018-2024
2	3.33	Concurs Național Junior Designer, Primăria Municipiului Iași, Beneficiar ASITEX, Director proiect, 2024
3	3.33	Concurs Național Junior Designer, Primăria Municipiului Iași, Beneficiar ASITEX, Director proiect, 2023

4	3.33	Concurs Național Junior Designer, Primăria Municipiului Iași, Beneficiar ASITEX, Director proiect, 2021
5	4.16	Concurs Național Junior Designer, Primăria Municipiului Iași, Beneficiar TUIasi - ASITEX, Director proiect, 2019
6	4.16	Concurs Național Junior Designer, Primăria Municipiului Iași, Beneficiar ASITEX, Director proiect, 2018
7	1.66	Be fashion, BE you, BE 100!, Ministerul Culturii și Identității Naționale, Responsabil partener FTPMI, 2018
8	10	Titular acrod ERASMUS KA107 – Ferederal University of Rio Grande do Norte, Brazilia, 2017-2021
9	2.5	Open doors for jobs, Ministerul Tineretului și Sportului, Beneficiar ASTIP Iași, Responsabil partener FTPMI, 2017
10	1.66	Antreprenoriat politehnist, Ministerul Tineretului și Sportului, Beneficiar ASTIP Iași, Responsabil partener FTPMI, 2016
11	20	TECLO - Textile and Clothing Knowledge Alliance. Future textile and clothing managers for export, marketing, innovation, sustainability and entrepreneurship oriented companies, 554167-EPP-1-2014-1-IT-EPPKA2-KA, 2014-2016, 1 Euro = 4.3845 lei, Beneficiar TUIasi – ASITEX, 2014-2026, Responsabil partener
12	1.66	1st JOB- stagii de internship, Ministerul Tineretului și Sportului, Beneficiar TUIasi- FTPMI, 2014
13	1.66	Toolkit – pentru viitorii ingineri-manageri, Consiliul Județean Iași, Beneficiar ASTIP Iași, Responsabil partener ASITEX, 2013
TOTAL	107.45	

Activitate de cercetare (A2)

2.1. Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baze de date

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,	FI
0	1	2	3
1	13.17	Firicel, R.; Ailenei, C.E.; Talpa, A.; Loghin, E.C.; Ionesi, S.D.; Loghin, M.C. A Fully 3D-Printable Pull-Off Fixture for Adhesion Testing of FDM Prints on Textile Substrates. Textiles 2026, 6, 54. https://doi.org/10.3390/textiles6020054 (Q1, Autor de corespondență)	4.9
2	6.71	Hînganu, D.; Traciaru, R.V.; Haba, D.; Ionesi, D.S.; Hristian, L.; Cozma, S.R.; Hînganu, M.V. Morphological Assessments of the Oropharyngeal Isthmus in Professional Singing. Annals of Anatomy-Anatomischer Anzeiger 2025, 258, 152376. https://doi.org/10.1016/j.aanat.2025.152376 (Q2)	1.7
3	6.40	Vilcu, A.; Palici, A.; Herghiligiu, I.V.; Pislaru, M.; Ionesi, S.D. Sustainable Innovation Management Model Based on Value Engineering Method. Acta Technica Napocensis Series-Applied Mathematics Mechanics and Engineering, 2024, 67, 1337–1346.	0.2
4	10.6	Tudose, M.B.; Ionesi, S.D.; Dulgheriu, I.; Buhu, L.; Rusu, V.D. Micro, Small or Medium, New or Old—Are There Differences? Testing Business-Specific Difficulties. Mathematics 2024, 12, 3912 (Q2)	2.3

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol.....,	FI
5	6.67	Hristian, L., Loghin, E.C., Dulgheriu, I., Ionesi, S.D., Avădanei, M., Ciobanu, L., The influence of unconventional assembly techniques on the comfort indicators of waterproof materials, Industria Textila, 5/2024	1
6	6.67	Loghin, E.C., Dulgheriu, I., Hristian, L., Buhu, L., Avădanei, M., Ionesi, S.D., Assessing the quality level of the technical fabrics intended for protective equipment for firefighters by determining synthetic indicators, Industria Textila, 6/2024 (Autor de corespondență)	1
7	8.25	Avadanei, M.; Dulgheriu, I.; Ionesi, D.; Loghin, E. Prevention of the Consequences of Specific Stress for Activities in the Clothing Industry. Acta Technica Napocensis Series-Applied Mathematics Mechanics and Engineering 2022, 65(3), 555–564	0.3
8	11.48	Avadanei, M, Olaru, S., Dulgheriu, I., Ionesi, D., Loghin, E., Ionescu, I, A new approach to dynamic anthropometry for the ergonomic design of a fashionable bespoke garment, Sustainability, 14(13), DOI 10.3390/su14137602 (Q2)	3.889
9	7.66	Dulgheriu, I.; Avadanei, M.; Ionesi, D.; Ionescu, I.; Loghin, E. Rationalisation Methods for Managing the Production Processes of Apparel Products from the Regulated Field. Industria Textila 2022, 73(6) (Q2)	1.4
10	6.38	Dulgheiru, I., Ionesi, D., Avadanei, M., Hristian, L., Loghin., Buhu, L., ANCOVA analysis of penetration force on Kevlar fabrics used for ballistic protective equipment, Industria Textila, 1/2022 (Q2, Autor de corespondență)	1.4
11	6.38	Avadanei, M.; Curteza, A.; Dulgheriu, I.; Ionesi, D.; Viziteu, D.; Loghin, E. A Digital-Integrated Solution for a Customised 3D Design Process of Garments. Industria Textila 2022, 73(3) (Q2)	1.4
12	10.00	Avadanei, M., Olaru, S., Dulgheriu, I., Ionesi, D., Loghin, E., A new approach to determining the constructive balance for the design of customised patterns of men garments, Journal of Engineered Fibers and Fabrics, Volume 16: 1–19 (Q2) https://journals.sagepub.com/doi/10.1177/15589250211064614	2.000
13	9.64	Ionesi, S.D.; Ciobanu, L.; Dumitras, C.; Avadanei, M.; Dulgheriu, I.; Ionescu, I.; Loghin, M.C. FEM Analysis of Textile Reinforced Composite Materials Impact Behavior. Materials 2021, 14, 7380 (Q1)	3.748
14	9.64	Ailenei, E., Ionesi, D., Dulgheriu, I., Loghin, C., Isopescu, D., Maxineasa, S., Baci, O., New Waste-Based Composite Material for Construction Applications, Materials 14(20):6079, DOI: 10.3390/ma14206079 (Q1, Autor de corespondență)	3.748
15	5.47	Avadanei, M, Curteza, A, Blejan, C, Dulgheriu, I, Loghin, EC, Ionesi, D, Radu, CD, Optimising the amount of base material used for manufacturing garments with creases, during their design stage, Industria textila, Volume 72, Issue 4, Page 454-45, 2021, DOI10.35530/IT.072.04.1845 – (FI 2021 = 0.828)	0.828
16	8.33	Mariana Ursache, Luminita Ciobanu, Savin Dorin Ionesi, Virtual internship in higher education for transferring research and innovation through project based training, Proceedings of the 14th international conference on virtual learning, ICVL 2019, OCT 25-26, 2019 , 374-378	

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol.....,	FI
17	16.58	Santos, T.F., Santor, C.M.S., Aquino, M.S., Ionesi, S.D. , Medeiros, J.I., Influence of silane coupling agent on shearthickening fluids (STF) for personal protection, Journal of Materials Research and Technology, https://doi.org/10.1016/j.jmrt.2019.07.013 (Q1)	5.289
18	5.00	Ionesi, S.D. , Ciobanu, L., Avadanei, M., Ursache, M., Loghin, E., Interactive Application for Knitted Structures Based on 3D Printed Macromodels, 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, APR 11-12, 2019, WOS:000473324500057	-
19	4.17	Avadanei, M., Ionescu, I., Loghin, E.C., Dulgheriu, I., Ionesi, S.D., Ursache, M., Drawing Technical Sketches of Model Garments by Using Specialised Software, 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, APR 11-12, 2019, WOS:000473324500048	-
20	6.25	Dulgheriu, I., Ionescu, I., Avadanei, M., Ionesi, S.D., The Analysis of the Interaction of Working Bodies Through Studying the Cyclorama of the Sewing Machine, 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, APR 11-12, 2019, WOS:000473324500055	-
21	4.17	Avadanei, M., Loghin, E.C., Ionescu, I., Ursache, M., Ionesi, S.D., Dulgheriu, I., A Comparative e-Demonstration of Using Advanced Construction Techniques for Developing Patterns of Flexible Garments for Women, eLearning & Software for Education, Vol. 3, p118-125. 8p., 2018, WOS:000467471000016	-
22	8.74	Hinganu, M.V., Hinganu, D., Cozma, S.R., Asimionesei, C., Scutariu, I.A., Ionesi, S.D., Morphofunctional evaluation of buccopharyngeal space using three-dimensional cone-beam computed tomography (3D-CBCT), ANNALS OF ANATOMY-ANATOMISCHER ANZEIGER, Volume: 220 Pages: 1-8, Volume: 220 Pages: 1-8, DOI: 10.1016/j.aanat.2018.06.008, 2018 (Q1)	2.241
23	5.00	Avadanei, M., Loghin, E.C., Ionescu, I., Ionesi, S.D., Dulgheriu, I., E-training tutorial for the enhancement of the clothing designer technical skills, The 13th International Conference on Virtual Learning ICVL 2018, 2018, Bucharest, Romania, pp. 349 - 354, ISSN: 1844-8933, WOS:000471080200053	-
24	6.25	Ursache, M., Avadanei, M.L., Ionesi, S.D., Loghin, E., Education - employment partnership for VET in the fashion sector, 17th AUTEX World Textile Conference 2017, 2017, Materials Science and Engineering 254 (2017) 222007 doi:10.1088/1757-899X/254/22/222007, WOS:000417214900266	-

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol.....,	FI
25	4.17	Ursache, M., Avadanei, M.L., Ciobanu, L., Loghin, M.C., Ionesi, S.D., Loghin, E., Developing innovative training protocol for export personnel in the fashion industries through “Extro Skills” project, 17th Autex World Textile Conference 2017, 2017, Materials Science and Engineering 254 (2017) 222007 doi:10.1088/1757-899X/254/22/222007, WOS:000417214900267	-
26	6.25	Avadanei, M.L., Loghin, E.C., Ionesi, S.D., Dulgheriu, I., Designing customized products by combining different pieces from a library, The 12th International Conference on Virtual Learning ICVL 2017, 2017, Bucharest, Romania, pp. 342 - 349, ISSN: 1844-8933, WOS:000419928200048	-
27	3.57	Ursache, M., Dan, D., Ionesi, S.D., Ciobanu, L., Rusu, B., Loghin, E.C., Avadanei, M., THE USE OF MASSIVE OPEN ONLINE COURSES (MOOCS) IN TEXTILE EDUCATION, Proceedings of the 12th International Scientific Conference "eLearning and Software for Education" Bucharest, April 21 - 22, ISSN 2066-026X, 2016, (indexată ISI Thomson, Web of Science), WOS:000385397100079	-
28	8.93	Dulgheriu, I., Ionescu, I., Ionesi, S.D., Dragomir, A., Evaluation and calculation model for heat transfer equilibrium through clothing articles, Industria Textila, Volume: 66, Issue: 2, pp. 59-66, ISSN 1453-5424, 2015 (indexată ISI Thomson, Web of Science), WOS:000354012500001	0.57
29	11.90	Ionesi, S.D., Ciobanu, L., Ursache, M., Mathematical correlation between section lines in 3D shapes and fashioning lines in 3D knitted fabrics, Industria Textila, Volume: 66, Issue: 4, pp. 200-203, ISSN 1453-5424, 2015 (indexată ISI Thomson, Web of Science), WOS:000360875600005	0.57
30	8.33	Ciobanu, L., Ursache, M., Ionesi, S.D., E-Learning Application for Teaching Knitting Engineering, Proceedings of the 11th International Scientific Conference "eLearning and Software for Education" Bucharest, April 23 - 24, ISSN 2066-026X, 2015, (indexată ISI Thomson, Web of Science), WOS:000384471300083	-
31	8.33	Ursache, M., Dan, D., Ionesi, S.D., GAME BASED LEARNING IN TEXTILE ENGINEERING EDUCATION, Proceedings of the 11th International Scientific Conference "eLearning and Software for Education" Bucharest, April 23 - 24, ISSN 2066-026X, 2015, (indexată ISI Thomson, Web of Science), WOS:000384471300093	-
32	5.72	Marin, E., Barbuta, M., Ciobanu, L., Ionesi, S.D., Cioara, I., Dumitraș, C., Study regarding the optimisation of the mechanical behaviour of glass fibre reinforced concrete, Journal of Optoelectronics and Advanced Materials, Nr. 11-12, ISSN 1454-4164, 2014, (indexată ISI Thomson, Web of Science), WOS:000347510000031	0.429

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol.....,	FI
33	5.95	Ionesi, S.D., Fangueiro, R., Ciobanu, L., Dumitraș, C., Ursache, M., Dulgheriu, I., Evaluation of impact behaviour of composite materials using Taguchi method, Industria Textila, Volume: 65, Issue: 3, pp. 152-157, ISSN 1453-5424, 2014 (indexată ISI Thomson, Web of Science), WOS:000338170500006	0.57
34	8.33	Ionesi, S.D., Ciobanu, L., Dulgheriu, I., E-learning instruments used to simulate the mechanisms of a sewing machine, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014, (indexată ISI Thomson, Web of Science), WOS:000357200600055	-
35	8.33	Ionesi, S.D., Ciobanu, L., Sarghie, B., E-learning application for a better understanding of shoes 3D modeling, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014, (indexată ISI Thomson, Web of Science), WOS:000357200600056	-
36	6.25	Avadanei, M., Ionescu, I., Ionesi, S.D., Dulgheriu, I., E-learning tools for teaching clothing pattern design, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014, (indexată ISI Thomson, Web of Science), WOS:000357200600042	-
37	6.95	Vircan, A., Ionesi, S.D., Mitu, S., Dabija, A., Capmare, L., Interdependence between anthropometric parameters specific for the age group 7-10 years, Revista Industria Textila, Nr. 4, pag. 188-194, ISSN 1222-5347, 2013 (indexată ISI Thomson, Web of Science), WOS:000323992600003	0.475
38	8.33	Ionesi, S.D., Ursache, M, Ciobanu, L., Interactive application for the simulation of needle trajectory in a knitting system, Proceedings of the 9th International Scientific Conference "eLearning and Software for Education" Bucharest, April 25 - 26, 2013, ISSN 2066 – 8821, (indexată ISI Thomson, Web of Science), WOS:000328100900074	-
39	8.79	Ionesi, S.D., Dumitras, C., Ciobanu, L., Vircan, A., Analysis of low velocity impact behaviour of aramid-linen fibre reinforced composites using Taguchi method, Journal of Optoelectronics and Advanced Materials, Nr. 5- 6, pag. 544 – 550, ISSN 1454-4164, 2012 (indexată ISI Thomson, Web of Science), WOS:000306577500017	0.516
40	6.25	Ionesi, S.D., Fangueiro, R., Ciobanu, L., Budulan, C., Practical aspects regarding the production of composite materials with 3D textile reinforcements, The 16th International Conference MODTECH 2012, 24-26 mai, Sinaia, Romania, pp. 477-480, ISSN 2069-6736, 2012, (Indexată ISI Proceedings), WOS:000392261800120	-

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol.....,	FI
41	11.90	Ciobanu, L., Ionesi, S.D., Ciobanu, R., Design of fashioning lines in 3D knitted fabrics, Revista Industria Textila, Nr. 4, pag. 198-201, ISSN 1222-5347, 2011, (indexată ISI Thomson, Web of Science), WOS:000294657700006	0.57
42	8.23	Dulgheriu, I., Matenciu, C., Ionesi, S.D., Moricz, J., The optimisation of sealing parameters of assembling intended for products made of composite materials, Revista Industria Textila, Nr. 4, ISSN 1222-5347, 2011, (indexată ISI Thomson, Web of Science), WOS:000294657700008	0.291
43	6.25	Blaga, M., Dan, D., Ciobanu, R., Ionesi, S.D., Interactive application for computer aided design of 3d knitted fabrics, 7th International Scientific Conference eLSE, ISSN 2066-026X, 2011, (indexată ISI Thomson, Web of Science), WOS:000299797600067	-
TOTAL	332.37		

2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol.....,
0	1	2
1	3.75	Firicel, R., Ailenei, E. C., Loghin, E. C., & Ionesi, S. D. (2025, October 23–24). Improving the quality of recycled PLA filament: Effects of extrusion speed and cooling. Joint International Conference: 5th Conference on Engineering and Entrepreneurship & 11th Textile Conference, Tirana, Albania. https://doi.org/10.1007/978-3-032-11085-5_44
2	5	Firicel, R., Ionesi, S. D., & Loghin, E.-C. (2025). The influence of FDM technology parameters upon printing onto textile substrates. The Bulletin of the Polytechnic Institute of Iași, Materials Science and Engineering, 71(75)(2), 29–42. https://doi.org/10.5281/zenodo.17175424
3	3	Firicel, R., Ailenei, C.-E., Marin, I.-E., Ionesi, S.-D., & Loghin, E.-C. (2025, November 20). Sustainable 3D-printed biocomposites: Effect of cotton fabric reinforcement on flexural properties. 9th International Symposium Technical Textiles – Present and Future (TTPF 2025), Iași, Romania. https://doi.org/10.2478/9788368412086-022
4	2.5	Ionesi, S. D., Mihai, A., Curteza, A., Firicel, R., Streba, I., & Lupu, R. (2025, November 20). Linking technological advances and cultural heritage: The case of Craft-IT4SD project. 9th International Symposium Technical Textiles – Present and Future (TTPF 2025), Iași, Romania
5	3.75	Ailenei, E.C., Ionesi, S.D., Loghin, E.C., Dulgheriu, I., Study of the shredding parameters of pla waste used in making filaments for 3D printing, The 19th Romanian Textiles and Leather Conference CORTEP 2024, 7-9 November, 2024, Iasi, Romania
6	5	Ciobanu, L., Ionesi, S.D., Alexa, E.L., A new approach to virtual learning of smart textiles: the HACKTEX methodology, The 19th Romanian Textiles and Leather Conference CORTEP 2024, 7-9 November, 2024, Iasi, Romania

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,
7	5	Ciobanu, L., Alexa, L., Ionesi, D., HACKTEX virtual training materials for smart textile, 8th International Symposium Technical Textiles - Present & Future, 23 November 2023, Iasi, Romania
8	3	Ionesi, D., Ciobanu, L., Dulgheriu, I., Ursache, M., Medeiros, I., Design of textile reinforced composites based on impact behaviour, The 18th Romanian Textiles and Leather Conference CORTEP 2022, 17-19 November, 2022, Iasi, Romania
9	5	Ailenei, C.E., Loghin, M.C., Ionesi, D., Experimental research regarding the recycling of composite materials made from textile waste, The 18th Romanian Textiles and Leather Conference CORTEP 2022, 17-19 November, 2022, Iasi, Romania
10	5	Ciobanu, L., Ursache, M., Ionesi, S.D., Need analysis of the current situation of higher education for the smart textiles sector, The 18th Romanian Textiles and Leather Conference CORTEP 2022, 17-19 November, 2022, Iasi, Romania
11	3.75	Ionesi, D., Ursache, M., Ciobanu, L., Dulgheriu, I., Virtual representation of the knitting process, 16th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, 22-23 aprilie, 2021, DOI: 10.12753/2066-026X-21-159
12	2.5	Avadanei, M., Ionesi, D., Cuteza, A., Loghin, E., Viziteu, D., Dulgheriu, I., Virtual demonstrations of using construction techniques for developing raglan graded patterns, 16th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, 22-23 aprilie, 2021, DOI: 10.12753/2066-026X-21-151
13	2.5	Avadanei, M., Filip, C., Ionescu, I., Dulgheriu, I., Ionesi, D., Loghin, E., The principles of deconstruction/reconstruction for the design of sustainable garments, 7th International Symposium Technical Textiles - Present & Future, 2021, November 12th 202, DOI: 10.2478/9788366675735-toc
14	5	Ciobanu, L., Ionesi, D., Ursache, M., Using databases with success stories as an instrument in engineering education – the case of wintex project, 7th International Symposium Technical Textiles - Present & Future, 2021, November 12th 2021, DOI: 10.2478/9788366675735-toc
15	3	Ionesi, S.D., Loghin, E.C., Ciobanu, L., Ionesu, I., Avadanei, M., Simularea comportamentului la impact al materialelor compozite ranforsate cu structuri tip sandwich, Buletinul AGIR, nr. 1/2019, ISSN 1224-7928, 2019
16	2.5	Loghin, E., Topala, A., Avadanei, M., Dulgheriu, I., Ionesi, S.D., Ionescu, I., Reutilizarea deșeurilor textile în produse cu valoare adăugată, Buletinul AGIR, nr. 1/2019, ISSN 1224-7928, 2019
17	3	Hristian, L., Ostafe, M., Vilcu, C., Dulgheriu, I., Ionsi, S.D., Study of the influence of the factors on the fabrics quality using method of principal components analysis, Buletinul AGIR, Nr. 1/2018, pp 156-163, 2018

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la), vol....,
18	7.5	Ursache, M., Ionesi, S.D., Erasmus+ project: Textile and clothing knowledge alliance. Future textile and clothing managers for export, marketing, innovation, sustainability and entrepreneurship oriented companies - TECLO, Buletinul AGIR, Supliment 3/2016, pag. 103-107, ISSN 1224-7928, 2016
19	3.75	Ionesi, S.D., Ciobanu, L., Dulgheriu, I., Loghin, E.C., Studiu comparativ intre firele tehnice sintetice si naturale, Buletinul AGIR, Supliment 3/2015, pag. 41-44, ISSN 1224-7928, 2015
20	3.75	Ciobanu, L., Ionesi, S.D., Loghin, E.C., Dulgheriu, I., Studiu practic privind prelucrabilitatea firelor de inalta performanta, Buletinul AGIR, Supliment 3/2015, pag. 45-49, ISSN 1224-7928, 2015
21	3.75	Ionesi, S.D., Dumitras, C., Ciobanu, L., Vircan, A., Development of advanced 3D composite materials reinforced with knitted fabrics, Buletinul AGIR, Progresul tehnologic – Rezultat al cercetari editia a 7-a, pag. 110-114 2012, (Indexată în Index Copernicus International, Academic Keys, getCITED)
22	3.75	Vircan, A., Ionesi, S.D., Dulgheriu, I., Mitu, S., Statistical processing of bi-dimensional anthropometric parameters corresponding main young pupils, AGIR, nr. 2/2012, pag. 149-152, ISSN 1224-7928, 2012, (Indexată în Index Copernicus International, Academic Keys, getCITED)
23	3.75	Ionesi, S.D., Ciobanu, R., Dan, D., Budulan, C., 3D knitted fabrics with technical application, AGIR, nr. 4 octombrie – decembrie 2010, ISSN 1224-7928, 2010, (Indexată în Index Copernicus International, Academic Keys, getCITED)
TOTAL	89.5	

2.3. Articole in extenso în reviste/ volumele unor manifestări științifice naționale/internaționale neindexate

2.3.1. Articole in extenso în Reviste naționale/internaționale neindexate

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, revista, pag (de la – pana la)
0	1	2
1	2	Ciobanu, L., Ionesi, S.D., Sarghie, B., Practical Aspects Regarding the Knitting of Glass Fibre, Buletinul Institutului Politehnic din Iași, fascicula 4, pag. 39 - 47, 2013
2	2	Ionesi, S.D., Dumitras, C., Ciobanu, L., Modelling the low velocity impact of composites reinforced with 3D knitted sandwich, Productica Scientific Session, 24-26 may 2012, Bucuresti, ISSN 2067-2160, pag. 191-196, 2012
3	2	Ionesi, S.D., Vircan, A., Dulgheriu, I., Considerations regarding the control of fvf of composite materials reinforced with sandwich knitted fabrics, Buletinul Institutului Politehnic din Iași, fascicula 1-4, pag. 69-74, 2012
4	1.2	Ionesi, S.D., Ciobanu, R., Vircan, A., Blaga, M., Budulan, C., Three - dimensional knitted fabric with technical destination, Buletinul Institutului Politehnic din Iași, Sectia Textile – Pielarie, Fasc. 3, pag. 29-37, 2010
TOTAL	7.2	

2.3.2. Articole in extenso în Proceedings naționale/internaționale neindexate

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, volumul, pag (de la – pana la)
0	1	2
1	1	Blaga, M., Harpa, R., Piroi, C., Ionesi, D., Software tools for textile creatives: Design and modelling of knitted structures, THE XXV INTERNATIONAL CONFERENCE "INVENTICA 2021", June 23th-25th, 2021, IASI, ROMANIA
2	0.8	Avadanei, M., Matasel, A., Ionescu, I., Loghin, E., Ionesi, D., AN INTEGRATED SOLUTION FOR THE ONLINE MARKETING OF CUSTOM-MADE GARMENTS THAT INCORPORATES A VIRTUAL FITTING ROOM, TEXTEH Proceedings 2021:279-286, DOI: 10.35530/TT.2021.48
3	0.80	Ionesi, S.D., Ciobanu, L., Ursache, M., Dulgheriu, I., Loghin, E.C., The influence of in-lay yarns on impact behavior of weft knitted fabrics reinforced composites, The 17-th Romanian Textiles and Leather Conference CORTEP, 8-10 Nov. 2018, Iasi, Romania
4	0.66	Ciobanu, L., Ionesi, S.D., Ursache, M., Piroi, C., Ciornei, F., Alaci, S., Experimental research regarding the impact behaviour of composites reinforced with knitted fabrics and glass fibre, The 17-th Romanian Textiles and Leather Conference CORTEP, 8-10 Nov. 2018, Iasi, Romania
5	0.80	Ionesi, S.D., Ciobanu, L., Ursache, M., Loghin, E.C., Dulgheriu, I., Modelling the impact behaviour of composites materials using FEM, 16th Romanian Textiles and Leather Conference – CORTEP 2016, 27 - 29 October, 2016, Iasi, Romania, ISBN 2285-5378
6	1.33	Ciobanu, L., Ionesi, D., Cristian, I., Investigation regarding the influence of the fabric characteristics on VARTM efficiency for textile composites, 16th Romanian Textiles and Leather Conference – CORTEP 2016, 27 - 29 October, 2016, Iasi, Romania, ISBN 2285-5378
7	1.33	Ursache, M., Ionesi, D., Loghin, M.C., MODELLING THE FABRIC CHARACTERISTICS OF DOUBLE LAYER KNITTED FABRICS WITH IN-LAY YARNS USING TAGUCHI APROACH, 15th AUTEX World Textile Conference 2015 June10-12, 2015, Bucharest, ROMANIA
8	1.33	Ciobanu, L., Ionesi, D., Loghin, E.C., Comparative study regarding the stitch length f weft knitted fabrics, 15th AUTEX World Textile Conference 2015 June10-12, 2015, Bucharest, ROMANIA
9	1.33	Ursache, M., Ionesi, D., Dan, D., Using games as teaching and learning tools in engineering education – a case study, XIII th International Izmir Textile and Apparel Symposium, April 2-5, pag. 323-326, ISBN 978-605-338-043-6, 2014
10	1.33	Ionesi, D., Ciobanu, L., Ursache, M., Mathematical correlation between section lines în 3D shapes and fashioning lines în 3D knitted fabrics, 15th Romanian Textiles and Leather Conference – CORTEP 2014, 4 - 6 September 2014, Poiana Braşov, Romania, pp. 362-367, ISBN 2285-5378
11	2.00	Ciobanu, L., Ionesi, D., Interactive application for the simulation of the sewing machine mechanisms, 15th Romanian Textiles and Leather Conference – CORTEP 2014, 4 - 6 September 2014, Poiana Braşov, Romania, pp. 658-688, ISBN 2285-5378

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, volumul, pag (de la – pana la)
12	1.33	Ionesi, D., Ciobanu, L., Ursache, M., E-learning instruments used for explaining fundamentals of the knitting cycle, International Symposium in Knitting and Apparel - ISKA 2013 Iasi, June 21– 22, 2013, ISSN 2069 – 1564, pag. 394-397, 2013 (Indexata in Google Scholar)
13	2.00	Ionesi, D., Ciobanu, L., Evaluation of tensile behaviour of raw materials used for composites reinforcement, International Symposium in Knitting and Apparel - ISKA 2013 Iasi, June 21– 22, 2013, ISSN 2069 – 1564, pag. 62-67, 2013 (Indexata in Google Scholar)
14	0.80	Ionesi, D., Fanguero, R., Ciobanu, L., Dumitras, C., Budulan, C., Evaluation of Impact Behaviour of Composite Materials using Taguchi Method, 14 th Romanian Textiles and Leather Conference – CORTEP 2012 Sinaia, 6 - 8 September 2012, pag. 179-184, 2012
15	1.00	Vircan, A., Ionesi, D., Mitu, S., Capmare, L., Bi-dimensional statistical analyse of main anthropometric parameters specific to primary school childrens, 14 th Romanian Textiles and Leather Conference – CORTEP 2012, 6-8 September, ISBN 978 973 730 962 4, pag. 436-441, 2012
16	1.33	Ionesi, D., Ciobanu, L., Dulgheriu, I., Possibilities of Controlling the FVF of Composite Materials Reinforced with Sandwich Knitted Fabrics, 5 th TEXTEH International Conference, Bucharest, Romania, October 18-19, 2012, pp. 88-96
17	2.00	Ciobanu, L., Ionesi, D., Practical Aspects Regarding the Knitting of Glass Fibre, 5 th TEXTEH International Conference, Bucharest, Romania, October 18-19, 2012, pp. 210-216
18	0.80	Ionesi, D., Fanguero, R., Ciobanu, L., Vircan, A., Budulan, C., Shape Modeling of 3D Knitted Fabrics, 46 th International Congress IFKT, 6 - 8 September 2012, Sinaia, Romania, pag. 926-93, 2012, (Indexată în Google Scholar)
19	1.00	Ionesi, D., Ciobanu, R., Ciobanu, L., Budulan, C., Developments of 3D knitted fabrics, 17 th International Conference, STRUTEX 2010, Technical University of Liberec, Republica Ceha, ISBN 978-80-7372-664-53, 2010, lucrările extinse publicate pe CD, (Indexată în Google Scholar)
20	1.33	Ciobanu, R., Ionesi, D., Budulan, C., Protective gloves against mechanical hazard, World Journal of Engineering, Issue Vol. 2, Sun Light Publishing, Toronto, Canada, 2010, ISSN 1708-5284
21	1.00	Ionesi, D., Ciobanu, R., Blaga, M., Budulan, C., Multiaxial warp knitted preforms for composite materials, International Symposium in Knitting and Apparel – Textile of the Future, ISKA 2010, Universitatea Tehnica “Gheorghe Asachi” Iasi, ISSN 2069-1564, 2010, lucrările extinse publicate pe CD
22	1.33	Ciobanu, R., Ionesi, D., Budulan, C., Double-layered knitted glove, International Symposium in Knitting and Apparel – Textile of the Future, ISKA 2010, Universitatea Tehnica “Gheorghe Asachi” Iasi, ISSN 2069-1564, 2010, lucrările extinse publicate pe CD
23	1.00	Ionesi, D., Ciobanu, R., Blaga, M., Budulan, C., Knitted Preforms for Composites Materials, 7 th International Conference - TEXSCI 2010, September 6-8, Liberec, Czech Republic, 2010

Nr crt	Rezultate (punctaje)	Titlul lucrării, autorii, volumul, pag (de la – pana la)
24	0.80	Ionesi, D., Ciobanu, R., Vircan, A., Blaga, M., Budulan, C., 3D knitted fabrics with technical destinations, Simpozionul anual al specialistilor din industria tricotaje-confectii, Iasi, 4-5 Decembrie 2009, Universitatea Tehnica "Gheorghe Asachi" din Iasi, Romania, ISBN 978-973-730-659-3, 2009, lucrările extinse publicate pe CD
25	1.00	Ciobanu, R., Ionesi, D., Blaga, M., Budulan, C., Research regarding the designing of knitted panels with contoured edges, Simpozionul anual al specialistilor din industria tricotaje-confectii, Iasi, 4-5 Decembrie 2009, Universitatea Tehnica "Gheorghe Asachi" din Iasi, Romania, ISBN 978-973-730-659-3, 2009, lucrările extinse publicate pe CD
Total	29.43	

2.4. Proprietate intelectuală, brevete de invenție și inovație etc.

Nr crt	Subcategorii	Rezultate (punctaje)	Realizari
0	1	2	3
1	National	5	Produs de imbracaminte ortopedic, din tricot, pentru imobilizarea membrelor superioare, Autori: Ciobanu, L., Cretu, M., Ciobanu, A.R., Ionesi, S.D., numar: RO 127371A2
	TOTAL	5	

2.5. Granturi/proiecte câștigate prin competiție sau cu mediul social-economic

2.5.1. Director/ Responsabil

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului	Valoare RON	Valoare Euro
1	Internațional	573.75	Craft Revitalization Action for Futureproofing the Transition to Innovative Technologies for Sustainable Development, acronim CRAFT-IT4SD, HORIZON-CL2-2023-HERITAGE-01-02, cod Proiect: 101132596, 1 EURO = 4.9754 lei, Beneficiar TULasi – DIMA, Responsabil proiect	1427317.87	286875
2	Național	6.03	Contract de cercetare „Cercetări privind obținerea de materiale compozite ranforsate cu deșeuri textile”, beneficiar ASOCIAȚIA PROIECTELE PANDOREI, valoare 30000 lei, 1 EURO = 4.9779 lei, Director proiect	30000	6026.64
3	Internațional	24.75	COST CA17107 - European Network to connect research and innovation efforts on advanced Smart Textiles, European Cooperation in Science & Technology, 1 Euro = 4.65 lei Beneficiar TULasi – DIMA, 2018-2022 – Responsabil național	57551.93	12376.76
4	Național	9,13	Proiect Granturi interne – Publicații, GI /P17/2021, Director proiect	45000	9133,9
TOTAL		604,53			

2.5.2. Membru în echipă

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului	Durata (ani)
1	Internațional	4	Skills4Circularity, ERASMUS-EDU-2025-PI-ALL-INNO-BLUEPRINT, cod Proiect: 101243978	4
2	Național	4	Centrul pentru cercetare – inovare în domeniul textilelor și al industriei modei - SMART-Text-IS, cod SMIS 334492	3
3	Național	4	Practică pentru o industrie verde!, PEO 305138	2
4	Internațional	8	Resilient rapid reconfigurable production process chains, acronim R3GROUP, cod Project: 101091869	3
5	Internațional	12	WINTEX - 610373-EPP-1-2019-1-ES-EPPKA2-CBHE-JP, 2020-2024	3
6	Internațional	10	HACKTEX - 2021-1-RO01-KA220-HED-000027527, 2022 - 2024	2.5
7	Național	4	Practica TPMI - Practică Și Vei Fi Competent! – POCU/90/6.13/6.14/108886	2
8	Național	2	SMARTER – Susținerea Mediului Antreprenorial din Romania prin Tactici Economice Regionale – POCU/82/3/7/106188, 2018	1
9	Internațional	8	Design4Circle, 2018-1-LV01-KA202-046977, 2018-2020	2
10	Internațional	8	ECO TEX, 2017-1-ES01-KA202-038419, 2017-2020	2.5
11	Internațional	8	E&E Fashion - Education – Employment Partnership for VET in the fashion sector, 2016-1-RO01-KA202-024710, 2016-2018	2
12	Internațional	8	TEXSTRA - Textile Strategy for Innovative Higher Education, 2017-1-RO01-KA203-037289, 2017-2019	2
13	Internațional	10	Developing New Skills for the Extroversion Specializations of Fashion Industry in Europe” EXTRO-SKILLS, 2015-2018	2,5
14	Internațional	8	Skills for a Better and Safer Life – SBS, 2015 – 2017	2
15	Internațional	8	Online training school for machine carpet weaving, acronim e-Carpet – School, contract 2014-1-TR01-KA202-012983	2
16	Internațional	8	<i>E-learning course for innovative textile fields</i> , 2014-1-RO01-KA202-2909, 2014-2016	2
17	Internațional	8	INGA 3D - Creative transfer of competence in 3D footwear CAD to VET professionals, LLP-LdV-Tol/2013-RO-024, Expert tehnic 2013-2015	2
18	Național	2	FORMING - <i>Insertie activă pe piața muncii prin FORMare profesională inovativă în domeniul INGineriei, POSDRU 125/5.1/S/1340003, Beneficiar Universitatea Tehnică București</i>	1
19	Național	4	<i>De la teorie la practică – PRACTICA</i> , POSDRU/90/S/2.1/60423, TUlasi beneficiar, durata 36 luni	2

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului	Durata (ani)
20	Național	2	<i>Proiect PN II ID 376/2007 - Tricoturi cu structuri inovative caracterizate prin dispunerea 3D a ochiurilor, generata de starea specifica de tensiune, Membru in colectiv 2010</i>	1
TOTAL		130		

2.6. Coordonare/ dezvoltare laborator/ centru cercetare (dacă este și didactic, punctajul se cuantifică o singură dată)

Nr. Crt.		Punctaj
1	Laborator Grafică Asistata de Calculator, dotat cu 15 stații grafice (valoarea dotare 54062 lei)	40

Recunoașterea și impactul activității (A3)

3.1. Vizibilitate în baze de date internaționale

3.1.1. Citări în articole indexate ISI

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
1	<p>Santos, T.F., Santor, C.M.S., Aquino, M.S., Ionesi, S.D., Medeiros, J.I., Influence of silane coupling agent on shearthickening fluids (STF) for personal protection, Journal of Materials Research and Technology, DOI: 10.1016/j.jmrt.2019.07.013</p> <p>Citată în:</p> <ol style="list-style-type: none"> Zhou, Yi; Ma, Meng; Nur, Ahmmed; Zhang, Rui; Xiong, Ziming; Lin, Yuan; Xiang, Yuhang; Zhang, Zhongwei, An overview on the ballistic performance of woven-fabric-based flexible protective systems: Experimental and numerical studies, THIN-WALLED STRUCTURES, Volume: 205, Published: 2024, DOI: 10.1016/j.tws.2024.112394 Ercumen, Kadir Munir; Aydin, Murat, Ballistic impact performance of aramid fabrics impregnated with single-phase shear thickening fluids STFs and SiC additive multi-phase shear thickening fluids, POLYMER COMPOSITES, Volume: 45, Issue: 18, Pages: 16850-16865, Published: 2024, DOI: 10.1002/pc.28936 Alexe, Florentina; Sau, Ciprian; Iorga, Ovidiu; Toader, Gabriela; Diacon, Aurel; Rusen, Edina; Lazaroaie, Claudiu; Ginghina, Raluca Elena; Tiganescu, Tudor Viorel; Teodorescu, Mircea; Sobetkii, Arcadie, Experimental Investigations on Shear Thickening Fluids as Liquid Body Armors: Non-Conventional Formulations for Ballistic Protection, POLYMERS, Volume: 16, Issue: 16, Published: 2024, DOI: 10.3390/polym16162305 Wang, Xiaolian; Tang, Yi; Luo, Debiao; Li, Jianfei; Yu, Junlin; Yang, Xulin; Wang, Pan; Dong, Jiangfeng; He, Zhongping; Wang, Qingyuan; Guan, Zhongwei, Investigate the effect of milling time on puncture resistance of STF impregnated Kevlar composites, MATERIALS & DESIGN, Volume: 236, Published: 2023, DOI: 10.1016/j.matdes.2023.112479 Santos, Thiago F.; Santos, Carolyn M.; Rangappa, Sanjay Mavinkere; Siengchin, Suchart; Nascimento, J. H. O., Statistical approach on the inter-yarn friction behavior of the dual-phase STF/p-Aramid impregnated fabrics via factorial design and 3D-RSM, HELIYON, Volume: 9, Issue: 8, Published: 2023, DOI: 10.1016/j.heliyon.2023.e18805 Liu, Haiqing; Fu, Kunkun; Cui, Xiaoyu; Zhu, Huixin; Yang, Bin, Shear Thickening Fluid 	25	50.00

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>and Its Application in Impact Protection: A Review, POLYMERS, Volume: 15, Issue: 10, Published: 2023, DOI: 10.3390/polym15102238</p> <p>7. Santos, Thiago; Santos, Carolyn; Aquino, Marcos; Rangappa, Sanjay Mavinkere; Siengchin, Suchart; Nascimento, J. H. O.; Medeiros, Ivan, Effects of UV sensitivity and accelerated photo-aging on stab resistance of p-aramid fabrics impregnated with shear thickening fluids (STFs), HELIYON, Volume: 9, Issue: 4, Published: 2023, DOI: 10.1016/j.heliyon.2023.e15020</p> <p>8. Tan, Yuhao; Ma, Yanxue; Li, Yuling, Shear thickening fabric composites for impact protection: a review, TEXTILE RESEARCH JOURNAL, Volume: 93, Issue: 5-6, Pages: 1419-1444, Published: 2023, DOI: 10.1177/00405175221126746</p> <p>9. Wei, Rubin; Dong, Bin; Zhai, Wen; Li, Hui, Stab-Resistant Performance of the Well-Engineered Soft Body Armor Materials Using Shear Thickening Fluid, MOLECULES, Volume: 27, Issue: 20, Published: 2022, DOI: 10.3390/molecules27206799</p> <p>10. Dolez, Patricia I.; Marsha, Sabrina; McQueen, Rachel H., Fibers and Textiles for Personal Protective Equipment: Review of Recent Progress and Perspectives on Future Developments, TEXTILES, Volume: 2, Issue: 2, Pages: 349-381, Published: 2022, DOI: 10.3390/textiles2020020</p> <p>11. Pais, Vania; Silva, Pedro; Bessa, Joao; Dias, Hernani; Duarte, Maria Helena; Cunha, Fernando; Fangueiro, Raul, Low-Velocity Impact Response of Auxetic Seamless Knits Combined with Non-Newtonian Fluids, POLYMERS, Volume: 14, Issue: 10, Published: 2022, DOI: 10.3390/polym14102065</p> <p>12. Mahmood, Rashid; Majeed, Afraz Hussain; Tahir, Muhammad; Saddique, Imran; Hamadneh, Nawaf N.; Khan, Ilyas; Mehmood, Asif, Statistical Analysis of Hydrodynamic Forces in Power-Law Fluid Flow in a Channel: Circular Versus Semi-Circular Cylinder, FRONTIERS IN PHYSICS, Volume: 10, Published: 2022, DOI: 10.3389/fphy.2022.830408</p> <p>13. Deepak, S.; Thirumalaikumarasamy, D.; Ashokkumar, M.; Nayak, S. K., Experimental analyzing the static puncture resistance performance of shear thickening fluid impregnated polypropylene hybrid composite target structures for armour application, JOURNAL OF THE TEXTILE INSTITUTE, Volume: 114, Issue: 3, Pages: 351-363, Published: 2022, DOI: 10.1080/00405000.2022.2037230</p> <p>14. Zhao, Mingmei; Zhang, Jinqu; Liu, Yile; Peng, Zhizhao; Li, Xin, Rheological characteristics analysis of shear thickening fluids based on response surface methodology, MATERIALS RESEARCH EXPRESS, Volume: 9, Issue: 2, Published: 2022, DOI: 10.1088/2053-1591/ac4eb6</p> <p>15. Zhao, Feng; Wu, Liwei; Lu, Zhenqian; Lin, Jia-Hong; Jiang, Qian, Design of shear thickening fluid/polyurethane foam skeleton sandwich composite based on non-Newtonian fluid solid interaction under low-velocity impact, MATERIALS & DESIGN, Volume: 213, Published: 2022, DOI: 10.1016/j.matdes.2021.110375</p> <p>16. Zhao, Mingmei; Zhang, Jinqu; Peng, Zhizhao; Zhang, Jian, Effect of nano-solid particles on the mechanical properties of shear thickening fluid (STF) and STF-Kevlar composite fabric, JOURNAL OF ENGINEERED FIBERS AND FABRICS, Volume: 16, Published: 2021, DOI: 10.1177/15589250211044817</p> <p>17. Katiyar, Ajay; Nandi, Tandra; Katiyar, Priyanka, Energy absorption of graphene and CNT infused hybrid shear thickening fluid embedded textile fabrics, JOURNAL OF POLYMER RESEARCH, Volume: 28, Issue: 9, Published: 2021, DOI: 10.1007/s10965-021-02697-6</p> <p>18. Katiyar, Ajay; Nandi, Tandra; Prasad, N. Eswara, Impact behavior of aminosilane functionalized nanosilica based shear thickening fluid impregnated Kevlar fabrics, JOURNAL OF APPLIED POLYMER SCIENCE, Volume: 138, Issue: 34, Published: 2021, DOI: 10.1002/app.50862</p> <p>19. Zhang, Qianyu; Qin, Zhigang; Yan, Ruosi; Wei, Sainan; Zhang, Wei; Lu, Suling; Jia, Lixia, Processing technology and ballistic-resistant mechanism of shear thickening fluid/high-performance fiber-reinforced composites: A review, COMPOSITE STRUCTURES, Volume: 266, Published: 2021, DOI: 10.1016/j.compstruct.2021.113806</p> <p>20. Santos, Thiago F.; Santos, Carolyn M.; Aquino, Marcos S.; Oliveira, Fernando R.; Medeiros, Jose, I, Statistical study of performance properties to impact of Kevlar® woven impregnated with Non-Newtonian Fluid (NNF), JOURNAL OF MATERIALS RESEARCH</p>		

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>AND TECHNOLOGY-JMR&T, Volume: 9, Issue: 3, Pages: 3330-3339, Published: 2020, DOI: 10.1016/j.jmrt.2020.01.027</p> <p>21. Santos, Thiago F.; Santos, Carolyn M.; Fonseca, Rubens T.; Melo, Katia M.; Aquino, Marcos S.; Oliveira, Fernando R.; Medeiros, Jose, I, Experimental analysis of the impact protection properties for Kevlar® fabrics under different orientation layers and non-Newtonian fluid compositions, JOURNAL OF COMPOSITE MATERIALS, Volume: 54, Issue: 24, Pages: 3515-3526, Published: 2020, DOI: 10.1177/0021998320916231</p> <p>22. Gurgen, Selim, Numerical modeling of fabrics treated with multi-phase shear thickening fluids under high velocity impacts, THIN-WALLED STRUCTURES, Volume: 148, Published: 2020, DOI: 10.1016/j.tws.2019.106573</p> <p>23. Mahmood, Rashid; Bilal, S.; Majeed, Afraz Hussain; Khan, Ilyas; Sherif, El-Sayed M., A comparative analysis of flow features of Newtonian and power law material: A New configuration, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, Volume: 9, Issue: 2, Pages: 1978-1987, Published: 2020, DOI: 10.1016/j.jmrt.2019.12.030</p> <p>24. Mingmei ZHAO, Jinqiu ZHANG, Zhizhao PENG, Jian ZHANG. Shear thickening characteristics and mechanism of nano-SiO₂/polyethylene glycol composite system[J]. Acta Materiae Compositae Sinica, 2022, 39(4): 1725-1738. doi: 10.13801/j.cnki.fhclxb.20210702.004</p> <p>25. Mingmei Zhao et al 2022 Mater. Res. Express 9 025701</p>		
2	<p>Ailenei, E., Ionesi, D., Dulgheriu, I., Loghin, C., Isopescu, D., Maxineasa, S., Baci, O., New Waste-Based Composite Material for Construction Applications, Materials 14(20):6079, DOI: 10.3390/ma14206079</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Fernando, Kavini Vindya; Dodangodage, Charith Akalanka; Seneviratne, Vinalee Maleeshi; Jayasinghe, Sanduni Maleesha; Dharmaratne, Dhammika; Gamage, Geethaka Nethsara; Halwatura, Ranoda Hasandee; Gunasekera, U. S. W.; Halwatura, Rangika Umesh, Circular Valorization of Post-Industrial Textile Waste in Thermal-Insulating Cementitious Ceiling Sheets, TEXTILES, Volume: 6, Issue: 1, Published: 2026, DOI: 10.3390/textiles6010027 2. Mustapar, Norliyana; Kamis, Shahira Liza; Fukuda, Kanao; Tahir, Noor Ayuma Mat; Yaakob, Yazid, Exploring fly ash and quarry dust particles for next generation anodized coatings, JURNAL TRIBOLOGI, Volume: 47, Pages: 201-226, Published: 2025 3. Adeniyi, Adewale George; Iwuozor, Kingsley O.; Emenike, Ebuka Chizitere; Voskressensky, Leonid G.; Luque, Rafael, Advances and challenges in production and valorization of biaxially oriented polypropylene (BOPP), FUNCTIONAL COMPOSITES AND STRUCTURES, Volume: 7, Issue: 2, Published: 2025, DOI: 10.1088/2631-6331/add6ed 4. Akyildiz, Sinem Hazal; Sezgin, Hande; Ozen, Mustafa Sabri; Yalcin Enis, Ipek, Upcycling microfiber waste from wastewater into acoustic panels: a sustainable solution for sound absorption, ENVIRONMENTAL RESEARCH LETTERS, Volume: 20, Issue: 5, Published: 2025, DOI: 10.1088/1748-9326/adc28b 5. Aghimien, Lerato; Aghimien, Emmanuel; Aghimien, Douglas, Where Should the Old Clothes Go? - Promoting Circularity in Sub-Saharan Construction Through Textile Waste, SUSTAINABLE DEVELOPMENT, Volume: 33, Issue: 5, Pages: 6436-6455, Published: 2025, DOI: 10.1002/sd.3477 6. Romani, Alessia; Kulas, Daniel; Curro, Joseph; Shonnard, David R.; Pearce, Joshua M., Recycled filtered contaminants from liquid-fed pyrolysis as novel building composite material, JOURNAL OF BUILDING ENGINEERING, Volume: 102, Published: 2025, DOI: 10.1016/j.job.2025.112025 7. Yin, Zhenzhen; Li, Zongjin; Liu, Guoliang; Yin, Heng; Yuan, Tianheng, Thematic Evolution and Trends in the Research Field of Concrete and CO₂ Interaction: Scientific Mapping Using SciMAT, ADVANCES IN CIVIL ENGINEERING, Volume: 2025, Issue: 1, Published: 2025, DOI: 10.1155/adce/1466051 8. Huang, Xinxin; Ye, Runling; Zhao, Lin, Research progresses of composites with natural fibers recycled from textiles waste, JOURNAL OF ENGINEERED FIBERS AND FABRICS, Volume: 20, Published: 2025, DOI: 10.1177/15589250251338265 	20	28.57

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>9. Isopescu, Dorina Nicolina; Adam, Laurentiu; Nistorac, Andreea; Bodoga, Alexandra, Carbon Footprint Assessment: Case Studies for Hemp-Based Eco-Concrete Masonry Blocks, BUILDINGS, Volume: 14, Issue: 10, Published: 2024, DOI: 10.3390/buildings14103150</p> <p>10. Mustapar, Norliyana; Liza, Shahira; Fukuda, Kanao; Tahir, Noor Ayuma Mat; Ishimatsu, Jun; Yaakob, Yazid; Othman, Intan Sharhida, Enhanced mechanical properties and tribological performance of anodic oxide coating by using thermal power plant waste material, CERAMICS INTERNATIONAL, Volume: 50, Issue: 20, Pages: 38372-38390, Published: 2024, DOI: 10.1016/j.ceramint.2024.07.203</p> <p>11. Basyouni, Yassmin A.; Mahmoud, Hatem, Affordable green materials for developed cool roof applications: A review, RENEWABLE & SUSTAINABLE ENERGY REVIEWS, Volume: 202, Published: 2024, DOI: 10.1016/j.rser.2024.114722</p> <p>12. Alves, Diana I.; Barreiros, Mariana; Figueiro, Raul; Ferreira, Diana P., Valorization of textile waste: non-woven structures and composites, FRONTIERS IN ENVIRONMENTAL SCIENCE, Volume: 12, Published: 2024, DOI: 10.3389/fenvs.2024.1365162</p> <p>13. Hoque, Mohammad Amirul; Sultana, Shahin; Sarker, Md. Khabir Uddin; Islam, Zahidul, Recycling Waste Polypropylene to Produce New Composite Materials with Jute Reinforcements, ADVANCES IN MATERIALS SCIENCE, Volume: 23, Issue: 3, Pages: 21-32, Published: 2023, DOI: 10.2478/adms-2023-0014</p> <p>14. Mydin, Md Azree Othuman; Abdullah, Mohd Mustafa Al Bakri; Sor, Nadhim Hamah; Omar, Roshartini; Dulaimi, Anmar; Awoyera, Paul Oluwaseun; Althoey, Fadi; Deifalla, Ahmed Farouk, Thermal conductivity, microstructure and hardened characteristics of foamed concrete composite reinforced with raffia fiber, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, Volume: 26, Pages: 850-864, Published: 2023, DOI: 10.1016/j.jmrt.2023.07.225</p> <p>15. Mydin, Md Azree Othuman; Abdullah, Mohd Mustafa Al Bakri; Razak, Rafiza Abdul; Nawi, Mohd Nasrun Mohd; Risdanareni, Puput; Puspitasari, Poppy; Sandu, Andrei Victor; Baltatu, Madalina Simona; Vizureanu, Petrica, Study on Polypropylene Twisted Bundle Fiber Reinforced Lightweight Foamed Concrete, BUILDINGS, Volume: 13, Issue: 2, Published: 2023, DOI: 10.3390/buildings13020541</p> <p>16. Pinho-Lopes, M., Sand Reinforced with Recycled Cotton Textiles from Waste Blue-Jeans: Stress-Strain Response, INTERNATIONAL JOURNAL OF GEOSYNTHETICS AND GROUND ENGINEERING, Volume: 8, Issue: 5, Published: 2022, DOI: 10.1007/s40891-022-00404-z</p> <p>17. Bartulovic, Bruno; Juradin, Sandra; Zizic, Dujmo; Galic, Matea, Influence of Cotton Knitted Fabric Waste Addition on Concrete Properties, BUILDINGS, Volume: 12, Issue: 8, Published: 2022, DOI: 10.3390/buildings12081121</p> <p>18. Obermeier, Frederik; Karlinger, Peter; Schemme, Michael; Altstaedt, Volker, Thermoplastic Hybrid Composites with Wood Fibers: Bond Strength of Back-Injected Structures, MATERIALS, Volume: 15, Issue: 7, Published: 2022, DOI: 10.3390/ma15072473</p> <p>19. Szczepanski, Marcin; Manguri, Ahmed; Saeed, Najmadeen; Chuchala, Daniel, The Effect of Openings' Size and Location on Selected Dynamical Properties of Typical Wood Frame Walls, POLYMERS, Volume: 14, Issue: 3, Published: 2022, DOI: 10.3390/polym14030497</p> <p>20. Rumyantseva V.E., Konovalova V.S., Rumyantsev E.V., Odintsova O.I., Kasiyanenko N.S., The Use Of Textile Industry Waste In The Production Of Building Composites, № 6 (396) Технология Текстильной Промышленности 2021, Doi 10.47367/0021-3497_2021_6_21</p>		
3	<p>Loghin, C., Ciobanu, L., Ionesi, D., Loghin, E., Cristian, I., Introduction to waterproof and water repellent textiles, in Waterproof and Water Repellent Textiles and Clothing, Ed. Elsevier , ISBN: 978-0-08-101212-3</p> <p>Citată în:</p> <p>1. Furtak, Nicole; Wu, Shuo Lin; Au, Samuel; Lai, Adrian; Gathercole, Robert; Golovin, Kevin, Macro-Textured Fabric Reduces Water Droplet Impact Contact Time, LANGMUIR, Volume: 42, Issue: 1, Pages: 1195-1208, Published: 2026, DOI:</p>	20	40.00

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>10.1021/acs.langmuir.5c05286</p> <p>2. Wang, Jui-Wen; Ahmad, Naveed; Kuo, Chung-Feng Jeffrey, Down fabrics' water-repellent modification and process optimization using the Taguchi method and grey relational analysis, TEXTILE RESEARCH JOURNAL, Volume: 95, Issue: 13-14, Pages: 1537-1556, Published: 2025, DOI: 10.1177/00405175241268797</p> <p>3. Rungruangkitkrai, Nattadon; Phromphen, Phannaphat; Chartvivatpornchai, Nawarat; Srisa, Atcharawan; Laorenza, Yeyen; Wongphan, Phanwipa; Harnkarnsujarit, Nathdanai, Water Repellent Coating in Textile, Paper and Bioplastic Polymers: A Comprehensive Review, POLYMERS, Volume: 16, Issue: 19, Published: 2024, DOI: 10.3390/polym16192790</p> <p>4. Rosa, Raphael Palucci; Rosace, Giuseppe; Trovato, Valentina, Recent Advancements in Acrylic Fabric Applications: A Comprehensive Review and Future Trends, POLYMERS, Volume: 16, Issue: 15, Published: 2024, DOI: 10.3390/polym16152111</p> <p>5. Santiago, Diana; Cabral, Isabel; Cunha, Joana, Children's Functional Clothing: Design Challenges and Opportunities, APPLIED SCIENCES-BASEL, Volume: 14, Issue: 11, Published: 2024, DOI: 10.3390/app14114472</p> <p>6. Belamri, Zehira; Boumaza, Leila; Boudjadar, Smail, Electroplating of hydrophobic/hydrophilic ZnO nano-structural coatings on metallic substrates, PHYSICA SCRIPTA, Volume: 98, Issue: 12, Published: 2023, DOI: 10.1088/1402-4896/ad0a2a</p> <p>7. Wang, Junhao; Chen, Ran; Zhao, Chen; Bao, Fubing, Tuning the thermoregulatory and tensile performance of electrospun hydrophobic microfibers through a low-cost water doping method, COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, Volume: 681, Published: 2024, DOI: 10.1016/j.colsurfa.2023.132765</p> <p>8. Altuntas, Fatma, Recent trends, applications and technological evaluation of protective textile with patent analysis, KYBERNETES, Volume: 53, Issue: 11, Pages: 4023-4050, Published: 2024, DOI: 10.1108/K-02-2023-0232</p> <p>9. Rafikov, Adham Salimovich; Shirinova, Mamura Xikmatullayevna; Nigmatova, Fotima Usmonovna; Abdusamatova, Dilfuza Ozotovna, Membrane material based on acrylic emulsion and terry cloth for medical drapes, POLYMER ENGINEERING AND SCIENCE, Volume: 63, Issue: 7, Pages: 2251-2264, Published: 2023, DOI: 10.1002/pen.26374</p> <p>10. Kartal, Gulsah Ekin, Investigation of the Usage Characteristics of Environmentally Friendly Water-Repellent Chemicals on Cotton Fabrics Improving sustainability of surface coatings, JOHNSON MATTHEY TECHNOLOGY REVIEW, Volume: 67, Issue: 2, Pages: 150-158, Published: 2023, DOI: 10.1595/205651323X16684366635676</p> <p>11. Hao, Wentao; Zheng, Qiannan; Zhang, Xiang; Li, Yuqing; Qiu, Longzhen; Lu, Hongbo; Wang, Wenping; Yang, Wen, Flame retardant and water repellent poly(lactic acid) electrospun fabrics, THERMOCHIMICA ACTA, Volume: 722, Published: 2023, DOI: 10.1016/j.tca.2023.179468</p> <p>12. Chrusciel, Jerzy J., Modifications of Textile Materials with Functional Silanes, Liquid Silicone Softeners, and Silicone Rubbers-A Review, POLYMERS, Volume: 14, Issue: 20, Published: 2022, DOI: 10.3390/polym14204382</p> <p>13. Ibili, Hatice; Dasedemir, Mehmet, Formation, Characterization and Multifunctional Activity of Chitosan Nanoparticle Coating, FIBERS AND POLYMERS, Volume: 23, Issue: 7, Pages: 1856-1869, Published: 2022, DOI: 10.1007/s12221-022-4116-1</p> <p>14. Zhang, Wei; Yao, Jiming; Liu, Xudong; Yan, Ruosi; Xu, Jianlin, Adhesion behavior of different droplet on superhydrophobic surface of cotton fabric based on oxygen plasma etching, JOURNAL OF THE TEXTILE INSTITUTE, Volume: 114, Issue: 5, Pages: 790-800, Published: 2023, DOI: 10.1080/00405000.2022.2085540</p> <p>15. Kowalski, Mateusz; Salerno-Kochan, Renata; Kaminska, Irena; Cieslak, Malgorzata, Quality and Quantity Assessment of the Water Repellent Properties of Functional Clothing Materials after Washing, MATERIALS, Volume: 15, Issue: 11, Published: 2022, DOI: 10.3390/ma15113825</p> <p>16. Kowalski, Mateusz; Nejman, Alicja; Kaminska, Irena; Cieslak, Malgorzata; Salerno-Kochan, Renata, A new approach to the assessment of changes in air permeability, waterproofness, surface, and thermal properties of polyamide 6.6 fabric with polyurethane coating after washing, TEXTILE RESEARCH JOURNAL, Volume: 92, Issue: 1-2, Pages:</p>		

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>103-117, Published: 2022, DOI: 10.1177/00405175211024257</p> <p>17. Bashari, Azadeh; Koohestani, Amir Hossein Salehi; Salamatipour, Niloofar, Eco-friendly Dual-Functional Textiles: Green Water-Repellent & Anti-Bacterial, FIBERS AND POLYMERS, Volume: 21, Issue: 2, Pages: 317-323, Published: 2020, DOI: 10.1007/s12221-020-9568-6</p> <p>18. Cui-Lim, Karina Milagros R.; Dagalea, Flyndon Mark S.; Adora, Nelia M.; Ultra, Cherry, I, Antimicrobial Activity of Nypa Fruticans (Nipa) Palm Starch and Zinc Oxide Nanoparticles (ZnONps) in Textile: Solving the Scarcity Using Local Resources, JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL, Volume: 32, Issue: 38, Published: 2020, DOI: 10.9734/JPRI/2020/v32i3831016</p> <p>19. Yi Liang, , Yufan Feng, , Hengyi Zhang, Designing Non-fluorinated Durable Stain-resistant , Textiles, The Frontiers of Society, Science and Technology, ISSN 2616-7433 Vol. 3, Issue 2: 60-83, DOI: 10.25236/FSST.2021.030211</p> <p>20. Golchehr Amini, Mohammad Karimi, Farzin Zokaei Ashtiani, The Influence of Fibers Diameter on Water Vapor Permeability, Waterproof and Windproof Properties of Electrospun Poly(vinylidene fluoride) Membrane, Iran. J. Polym. Sci. Technol., Vol. 32, No. 6, 485-495, 2020, DOI: 10.22063/JIPST.2020.1703</p>		
4	<p>Hinganu, M.V., Hinganu, D., Cozma, S.R., Asimionesei, C., Scutariu, I.A., Ionesi, S.D., Morphofunctional evaluation of buccopharyngeal space using three-dimensional cone-beam computed tomography (3D-CBCT), ANNALS OF ANATOMY-ANATOMISCHER ANZEIGER, Volume: 220 Pages: 1-8, Volume: 220 Pages: 1-8, DOI: 10.1016/j.aanat.2018.06.008, 2018</p> <p>Citată în:</p> <p>1. Earar, Kamel; Dinu, Ciprian Adrian; Hinganu, Marius Valeriu; Leata, Gabriela; Munteanu, Corneliu; Budacu, Cristian Constantin, Predictive In Vitro Diagnostic Screening of Strontium-Enriched Biodegradable Mg-Ca Alloys for Emerging Dental Applications, DIAGNOSTICS, Volume: 16, Issue: 7, Published: 2026, DOI: 10.3390/diagnostics16071060</p> <p>2. Chirica, Sabina-Ioana; Hinganu, Marius Valeriu; Chirica, Costin; Nadejde, Alexia; Hinganu, Delia, The Aging Meninges: Anatomical and Immunological Remodeling as Emerging Diagnostic Biomarkers of Cerebral Senescence-A Narrative Review, DIAGNOSTICS, Volume: 16, Issue: 3, Published: 2026, DOI: 10.3390/diagnostics16030452</p> <p>3. Grigore, Ionica; Ciobotaru, Oana Roxana; Hinganu, Delia; Gurau, Gabriela; Stamate, Elena; Tutunaru, Dana; Gavril, Radu Sebastian; Ciobotaru, Octavian Catalin; Hinganu, Marius Valeriu, Lipid, Metabolomic and Gut Microbiome Profiles in Long-Term-Hospitalized Cardiac Patients-An Observational and Retrospective Study, DIAGNOSTICS, Volume: 15, Issue: 22, Published: 2025, DOI: 10.3390/diagnostics15222874</p> <p>4. Grigore, Ionica; Ciobotaru, Oana Roxana; Hinganu, Delia; Gurau, Gabriela; Tutunaru, Dana; Hinganu, Marius Valeriu, A Systemic Perspective of the Link Between Microbiota and Cardiac Health: A Literature Review, LIFE-BASEL, Volume: 15, Issue: 8, Published: 2025, DOI: 10.3390/life15081251</p> <p>5. Hinganu, Delia; Traciaru, Rares Vasile; Haba, Danisia; Ionesi, Dorin Savin; Hristian, Liliana; Cozma, Sebastian Romica; Hinganu, Marius Valeriu, Morphological assessments of the oropharyngeal isthmus in professional singing, ANNALS OF ANATOMY-ANATOMISCHER ANZEIGER, Volume: 258, Published: 2025, DOI: 10.1016/j.aanat.2025.152376</p> <p>6. Vornicu, Alexandra; Filip, Bogdan; Ioanid, Nicolae; Gafton, Bogdan; Plesca, Raluca; Terinte, Cristina; Prutianu, Iulian; Cucu, Andrei-Ionut; Dascalu, Cristina- Gena; Scripcariu, Dragos-Viorel; Scripcariu, Viorel; Haba, Danisia, IMAGING FEATURES IN THE EVALUATION OF PATIENTS WITH BRAIN AND MANDIBULAR METASTASES IN BREAST CANCER WOMEN FROM THE NORTH-EASTERN REGION OF ROMANIA, ROMANIAN JOURNAL OF ORAL REHABILITATION, Volume: 17, Issue: 1, Pages: 384-391, Published: 2025, DOI: 10.62610/RJOR.2025.1.17.37</p>	16	26.67

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>7. Huzum, Riana Maria; Huzum, Bogdan; Gheorghe, Liliana; Hinganu, Marius Valeriu; Ursulescu, Corina Lupascu; Mitrea, Mihaela; Hinganu, Delia, CARDIOVASCULAR PATTERN IN HIP OSTEOPOROSIS ETIOPATHOGENY- A SILENT DENTAL RISK -, ROMANIAN JOURNAL OF ORAL REHABILITATION, Volume: 16, Issue: 1, Pages: 128-142, Published: 2024, DOI: 10.6261/RJOR.2024.1.16.10</p> <p>8. Hainarosie, Razvan; Domuta, Eugenia Maria; Tusaliu, Mihail; Dabija, Marius Gabriel; Anghelina, Florin; Radeanu, Doinel; Palade, Octavian Dragos, Influence of Environmental Factors on Rhinosinusal Tumours, REVISTA DE CHIMIE, Volume: 70, Issue: 5, Pages: 1818-1821, Published: 2019</p> <p>9. Palade, Octavian Dragos; Anghelina, Florin; Dabija, Marius Gabriel; Hainarosie, Razvan; Domuta, Eugenia Maria; Hinganu, Delia; Hinganu, Marius Valeriu; Radeanu, Doinel, Multimodality Approach to Treatment of Rhinosinusa Tumours, REVISTA DE CHIMIE, Volume: 70, Issue: 5, Pages: 1848-1851, Published: 2019</p> <p>10. Cuciureanu, Dan Iulian; Constantinescu, Victor Alexandru; Statescu, Cristian; Sascau, Radu Andy; Hodorog, Diana Nicoleta; Preda, Cristina; Hinganu, Delia; Hinganu, Marius Valeriu; Cuciureanu, Tudor, Antithrombotic Therapy in Patients with Stroke An observational study, REVISTA DE CHIMIE, Volume: 70, Issue: 4, Pages: 1283-1287, Published: 2019</p> <p>11. Grigorovici, Alexandru; Andronic, Dan; Hinganu, Delia; Hinganu, Marius Valeriu; Varcus, Flore, Enzymatic Treatment of Chronic Pancreatitis, REVISTA DE CHIMIE, Volume: 70, Issue: 3, Pages: 1014-1016, Published: 2019</p> <p>12. Grigorovici, Alexandru; Varcus, Flore; Mogos, Simona; Calin, Alina; Hinganu, Delia; Hinganu, Marius Valeriu; Preda, Cristina, Hypocalcemia after Thyroidectomy for Advanced Local Malignancies, REVISTA DE CHIMIE, Volume: 70, Issue: 3, Pages: 1053-1057, Published: 2019</p> <p>13. Vitalariu, Anca; Tatarciuc, Monica; Luca, Odette; Cioloca, Catalina Holban; Bulancea, Bogdan; Aungurencei, Andra; Aungurencei, Ovidiu; Raftu, Gheorghe; Popa, Diana Diaconu, Structural and Thermal Changes in Dental Resins Enriched with Silver Nanoparticles, REVISTA DE CHIMIE, Volume: 70, Issue: 2, Pages: 591-595, Published: 2019</p> <p>14. Cuciureanu, Dan Iulian; Statescu, Cristian; Sascau, Radu Andy; Cuciureanu, Tudor; Constantinescu, Victor Alexandru; Hinganu, Delia; Preda, Cristina; Hinganu, Marius Valeriu; Turliuc, Mihaela Dana, Particularities of Using Contrast Agents in Diagnosis of Stroke, REVISTA DE CHIMIE, Volume: 70, Issue: 2, Pages: 685-688, Published: 2019</p> <p>15. Andronic, Dan; Velicescu, Cristian; Bulimar, Virgil; Hinganu, Delia; Calin, Alina; Hinganu, Marius Valeriu; Grigorovici, Alexandru, Assessment of Phospho-calcic Metabolism in Parathyroid Tumors, REVISTA DE CHIMIE, Volume: 70, Issue: 2, Pages: 705-707, Published: 2019</p> <p>16. Raftu, Gheorghe; Debita, Mihaela; Dinu, Ciprian; Pangal, Alexandra; Hodorog, Diana; Cuciureanu, Dan Iulian, The Role of Chemical Factors in the Occurrence of the Nervous System Disorders Posttraumatic epilepsy, REVISTA DE CHIMIE, Volume: 70, Issue: 1, Pages: 228-232, Published: 2019</p>		
5	<p>Ionesi, S.D.; Ciobanu, L.; Dumitras, C.; Avadanei, M.; Dulgheriu, I.; Ionescu, I.; Loghin, M.C. FEM Analysis of Textile Reinforced Composite Materials Impact Behavior. Materials 2021, 14, 7380</p> <p>Citată în:</p> <p>1. Grgic, Ivan; Karakasic, Mirko; Konjatic, Pejo; Tiwary, Vivek Kumar, Adherend-Limited Failure in LCD Print-to-Bond Woven Fabric-Photopolymer Joints: A Process Efficiency Communication, MACHINES, Volume: 14, Issue: 1, Published: 2025, DOI: 10.3390/machines14010029</p> <p>2. Sajin Gorjanc, Dunja; Golja, Barbara, Functionalization of two-layer laminates made of multilayer nonwovens and 3D knitted fabrics, RESEARCH JOURNAL OF TEXTILE AND APPAREL, Published: 2025, DOI: 10.1108/RJTA-07-2025-0145</p> <p>3. Li, Tao; Cen, Kejun; Zou, Fengyuan; Wu, Huan, Numerical simulation of upper garment pieces-body under different ease allowances based on the finite element contact model, AUTEX RESEARCH JOURNAL, Volume: 25, Issue: 1, Published: 2025, DOI: 10.1515/aut-</p>	8	11.43

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>2025-0044</p> <p>4. Casaneanu, Nicoleta-Mihaela; Miraute, Laura-Crina; Loghin, Emil Constantin; Pislaru, Marius, Exploring the Integration of Artificial Intelligence into Lean Six Sigma Methodologies: A Roadmap for Enhancing Manufacturing Efficiency and Quality, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BUSINESS EXCELLENCE, Volume: 19, Issue: 1, Pages: 4130-4145, Published: 2025, DOI: 10.2478/picbe-2025-0317</p> <p>5. Wei, Huidong; Lou, Shan; Leeming, Martin; Zhang, Ying, Modelling the Constitutive Behaviour of Recycled PET for the Manufacture of Woven Fabrics, SUSTAINABILITY, Volume: 17, Issue: 5, Published: 2025, DOI: 10.3390/su17052254</p> <p>6. Li, Yaping; Qi, Song; Fu, Jie; Gan, Ruyi; Li, Shixu; Yao, Haojie; Yu, Miao, Magnetorheological shear thickening gel reinforced iron-nickel foam composites with tunable energy absorption performance, COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, Volume: 174, Published: 2023, DOI: 10.1016/j.compositesa.2023.107718</p> <p>7. Pham, Minh Quang; Bollengier, Quentin; Rabe, David; Lang, Tobias Georg; Haentzsch, Eric; Truemper, Wolfgang; Cherif, Chokri; Gereke, Thomas, Meso-Scale Finite Element Model for Rib-Stiffened Composites with Biaxial Weft-Knitted Reinforcements, JOURNAL OF COMPOSITES SCIENCE, Volume: 7, Issue: 5, Published: 2023, DOI: 10.3390/jcs7050175</p> <p>8. Hasanalizade, Fatemeh; Dabiryan, Hadi, Theoretical modeling of low-velocity impact behavior of sandwich-structured composites reinforced with weft-knitted spacer fabric, JOURNAL OF INDUSTRIAL TEXTILES, Volume: 52, Published: 2022, DOI: 10.1177/15280837221113915</p>		
6	<p>Avadanei, M.; Curteza, A.; Dulgheriu, I.; Ionesi, D.; Viziteu, D.; Loghin, E. A Digital-Integrated Solution for a Customised 3D Design Process of Garments. <i>Industria Textila</i> 2022, 73(3)</p> <p>Citată în:</p> <p>1. Florea-burduja, Elena; Indrie, Liliana; Raru, Aliona; Irovan, Marcela; Frunze, Valentina; Sturza, Amalia, Zero waste - current and essential concept in the fashion industry, <i>INDUSTRIA TEXTILA</i>, Volume: 76, Issue: 3, Pages: 334-341, Published: 2025, DOI: 10.35530/IT.076.03.2024132</p> <p>2. Ding, Mengshu; Luo, Tianyu; Hong, Yan, Development of a fitting-ensured men's garment block pattern prediction model for people with convex belly (PWCB), <i>INDUSTRIA TEXTILA</i>, Volume: 76, Issue: 2, Pages: 194-210, Published: 2025, DOI: 10.35530/IT.076.02.202487</p> <p>3. Yezhova, Olga; Wu, Simiao; Pashkevych, Kalina; Kolosnichenko, Maryna; Ostapenko, Nataliia; Struminska, Tetiana, Exploring design and technological aspects of digital fashion: a systematic review of recent innovations, <i>INTERNATIONAL JOURNAL OF FASHION DESIGN TECHNOLOGY AND EDUCATION</i>, Volume: 18, Issue: 3, Pages: 283-297, Published: 2025, DOI: 10.1080/17543266.2024.2378032</p> <p>4. Li, Xue; Shen, Lei; Song, Wanning, School Uniform Customization Design Platform Based on Virtual Display Technology, <i>FASHION PRACTICE-THE JOURNAL OF DESIGN CREATIVE PROCESS & THE FASHION INDUSTRY</i>, Volume: 16, Issue: 1, Pages: 134-161, Published: 2024, DOI: 10.1080/17569370.2023.2251242</p> <p>5. Irovan, Marcela; Indrie, Liliana; Frunze, Valentina; Florea-burduja, Elena; Raru, Aliona, Digital methods in the development of adaptive clothing for people with disabilities, <i>INDUSTRIA TEXTILA</i>, Volume: 74, Issue: 1, Pages: 28-34, Published: 2023, DOI: 10.35530/IT.074.01.202295</p> <p>6. Rosca, Malina; Vatra, Ana-Diana; Avadanei, Manuela, The digital transformation of garment product development, <i>INDUSTRIA TEXTILA</i>, Volume: 74, Issue: 1, Pages: 98-106, Published: 2023, DOI: 10.35530/IT.074.01.2022148</p>	6	10.00
7	<p>Avadanei, M, Olaru, S., Dulgheriu, I., Ionesi, D., Loghin, E., Ionescu, I, A new approach to dynamic anthropometry for the ergonomic design of a fashionable bespoke garment, <i>Sustainability</i>, 14(13), DOI:</p>	5	8.33

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>10.3390/su14137602</p> <p>Citată în:</p> <ol style="list-style-type: none"> Sadretdinova, Nataliya; Siegmund, Jana; Kyosev, Yordan, Computational Design of an Adaptable Harness-Based Carrying System for Patients with Dementia Symptoms, FIBRES & TEXTILES IN EASTERN EUROPE, Volume: 33, Issue: 1, Pages: 49-57, Published: 2025, DOI: 10.2478/ftce-2025-0005 Sadretdinova, Nataliya; Kyosev, Yordan; Yatcenko, Maryna, Implementation of Modern Dynamic Approach in Garment Pattern Design for Deaf People, TEKSTIL VE KONFEKSIYON, Volume: 35, Issue: 1, Pages: 31-40, Published: 2025, DOI: 10.32710/tekstilvekonfeksiyon.1425545 Zare, Asma; Jahangiri, Mehdi; Seif, Mozghan; Choobineh, Alireza, Anthropometric survey of dynamic hand dimensions: A pilot study, MEASUREMENT, Volume: 240, Published: 2025, DOI: 10.1016/j.measurement.2024.115554 Wang, Zhujun; Tao, Xuyuan; Zeng, Xianyi; Xing, Yingmei; Xu, Zhenzhen; Bruniaux, Pascal, A Machine Learning-Enhanced 3D Reverse Design Approach to Personalized Garments in Pursuit of Sustainability, SUSTAINABILITY, Volume: 15, Issue: 7, Published: 2023, DOI: 10.3390/su15076235 Petrak, Slavenka; Rastovac, Ivona; Naglic, Maja Mahnic, Dynamic Anthropometry - Research on Body Dimensional Changes, TEKSTILEC, Volume: 66, Issue: 3, Pages: 240-248, Published: 2023, DOI: 10.14502/tekstilec.66.2023031 		
8	<p>Ionesi, S.D., Dumitras, C., Ciobanu, L., Vircan, A., Analysis of low velocity impact behaviour of aramid-linen fibre reinforced composites using Taguchi method, Journal of Optoelectronics and Advanced Materials, Nr. 5- 6, pag. 544 – 550, ISSN 1454-4164, 2012 (indexată ISI Thomson, Web of Science), WOS:000306577500017</p> <p>Citată în:</p> <ol style="list-style-type: none"> Pawar, Jayshri; Malagi, Ravindra R.; Jadhav, Manoj; Pawar, Girish, Enhanced biodegradability and mechanical properties in green composites: a Taguchi approach, DISCOVER APPLIED SCIENCES, Volume: 7, Issue: 1, Published: 2024, DOI: 10.1007/s42452-024-06339-6 Ionesi, Savin Dorin; Ciobanu, Luminita; Dumitras, Catalin; Avadanei, Manuela; Dulgheriu, Ionut; Ionescu, Irina; Loghin, Maria Carmen, FEM Analysis of Textile Reinforced Composite Materials Impact Behavior, MATERIALS, Volume: 14, Issue: 23, Published: 2021, DOI: 10.3390/ma14237380 Buhu, Liliana; Negru, Daniela; Loghin, Emil Constantin; Buhu, Adrian, Analysis of tensile properties for conductive textile yarns, INDUSTRIA TEXTILA, Volume: 70, Issue: 2, Pages: 116-119, Published: 2019, DOI: 10.35530/IT.070.02.1517 Isaic-Maniu, Alexandru; Dragan, Irina, Uncertainty and Statistical Risk, ROMANIAN STATISTICAL REVIEW, Issue: 3, Pages: 11-27, Published: 2018 Hamedi, Saba; Hasani, Hossein; Dibajian, Sayed Houssain, Numerical simulating the flexural properties of 3D weft-knitted spacer fabric reinforced composites, JOURNAL OF COMPOSITE MATERIALS, Volume: 51, Issue: 13, Pages: 1887-1899, Published: 2017, DOI: 10.1177/0021998316665240 	5	12.50
9	<p>Ciobanu, L., Ionesi, S.D., Ciobanu, R., Design of fashioning lines in 3D knitted fabrics, Revista Industria Textila, Nr. 4, pag. 198-201, ISSN 1222-5347, 2011, (indexată ISI Thomson, Web of Science), WOS:000294657700006</p> <p>Citată în:</p> <ol style="list-style-type: none"> Dejene, Bekinew Kitaw; Gudayu, Adane Dagnaw, Exploring the potential of 3D woven and knitted spacer fabrics in technical textiles: A critical review, JOURNAL OF INDUSTRIAL TEXTILES, Volume: 54, Published: 2024, DOI: 10.1177/15280837241253614 Szabo, M.; Babanatis-Merce, R. M.; Barbu, I.; Babanatsas, T.; Jitaru, L., The study of the traction behaviour of knitted structures with controlled dimensional stability, MODERN 	8	26.67

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019), Volume: 591, Published: 2019, DOI: 10.1088/1757-899X/591/1/012098</p> <p>3. Szabo, M.; Babanatis-Merce, R. M.; Barbu, I.; Babanatsas, T.; Jitaru, L., Study of dimensional changes during washing process for 1:1 interlock cotton yarns, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019), Volume: 591, Published: 2019, DOI: 10.1088/1757-899X/591/1/012099</p> <p>4. Ishmael, Natalie; Fernando, Anura; Andrew, Sonja; Taylor, Lindsey Waterton, Textile technologies for the manufacture of three-dimensional textile preforms, RESEARCH JOURNAL OF TEXTILE AND APPAREL, Volume: 21, Issue: 4, Pages: 342-362, Published: 2017, DOI: 10.1108/RJTA-06-2017-0034</p> <p>5. Niculescu, C., Napieralska, L., Mielicka, E., Popescu, G., Salistean, A., Mocenco, A., Web portal for customized production of clothing for overweight and elderly people, Industria Textila; Bucharest Vol. 67, Iss. 3, (2016): 194-200.</p> <p>6. Trifan, A., Madar, A., Making an assortment range of textile confections more efficient, Industria Textila; Bucharest Vol. 67, Iss. 3, (2016): 189-193</p> <p>7. Lu, Y., Chen, Y.C., Zhang, P.H., A membrane coated composite mesh for repairing pelvic floor defects using electrospinning method, Revista Industria Textila, Nr. 4, ISSN 1222-5347, 2015</p> <p>8. Yanxue M., Lamar, T., (2013) "Three-dimensional Shaping for Knitted Garments", Research Journal of Textile and Apparel, Vol. 17 Issue: 3, pp.128-139, https://doi.org/10.1108/RJTA-17-03-2013-B013</p>		
10	<p>Marin, E., Barbuta, M., Ciobanu, L., Ionesi, S.D., Cioara, I., Dumitraş, C., Study regarding the optimisation of the mechanical behaviour of glass fibre reinforced concrete, Journal of Optoelectronics and Advanced Materials, Nr. 11-12, ISSN 1454-4164, 2014, (indexată ISI Thomson, Web of Science), WOS:000347510000031</p> <p>Citată în:</p> <p>1. Barbuta, Marinela; Timu, Alexandru; Bejan, Liliana; Bucur, Roxana Dana, Mechanical Properties of Fly Ash Polymer Concrete with Different Fibers, MATERIALE PLASTICE, Volume: 55, Issue: 3, Pages: 405-409, Published: 2018</p> <p>2. Serbanoiu, Adrian Alexandru; Barbuta, Marinela; Burlacu, Andrei; Gradinaru, Catalina Mihaela, FLY ASH CEMENT CONCRETE WITH STEEL FIBERS - COMPARATIVE STUDY, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 16, Issue: 5, Pages: 1123-1128, Published: 2017</p> <p>3. Cazacu, Christiana; Galatanu, Teofil; Mizgan, Paraschiva; Muntean, Radu; Tamas, Florin, Experimental Research in Flexural Behavior of Carbon Fiber Polymer Strengthened Beams, 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016, Volume: 181, Pages: 257-264, Published: 2017, DOI: 10.1016/j.proeng.2017.02.387</p> <p>4. Barbuta, Marinela; Bucur, Roxana; Serbanoiu, Adrian Alexandru; Scutarasu, Sorin; Burlacu, Andrei, Combined Effect of Fly Ash and Fibers on Properties of Cement Concrete, 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016, Volume: 181, Pages: 280-284, Published: 2017, DOI: 10.1016/j.proeng.2017.02.390</p> <p>5. Serbanoiu, A. A.; Barbuta, M.; Burlacu, A.; Teodorescu, R.; Cadere, C., Use of Polystyrene Waste in Concrete, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 251-256, Published: 2017</p> <p>6. Serbanoiu, A. A.; Barbuta, M.; Burlacu, A.; et al., Use of Polystyrene Waste in Concrete, Conference: 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium Location: Oradea, ROMANIA Date: MAR 23-24, 2017</p> <p>7. Timu, A., Barbuta, M., Serbanoiu, A.A., Babor, D.T., Burlacu, A., Experimental researches on use of wastes in fly ash concrete, 2017, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (62), pp. 163-168</p>	7	11.67
11	Dulgheriu, I., Ionescu, I., Ionesi, S.D., Dragomir, A., Evaluation and	4	10.00

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>calculation model for heat transfer equilibrium through clothing articles, <i>Industria Textila</i>, Volume: 66, Issue: 2, pp. 59-66, ISSN 1453-5424, 2015 (indexată ISI Thomson, Web of Science), WOS:000354012500001</p> <p>Citată în:</p> <ol style="list-style-type: none"> Gaminian, Hamdam; Ahvazi, Behzad; Vidmar, J. John; Ekuere, Usukuma; Regan, Sharon, Revolutionizing Sustainable Nonwoven Fabrics: The Potential Use of Agricultural Waste and Natural Fibres for Nonwoven Fabric, <i>BIOMASS-SWITZERLAND</i>, Volume: 4, Issue: 2, Pages: 363-401, Published: 2024, DOI: 10.3390/biomass4020018 Szabo, M.; Babanatis-Merce, R. M.; Barbu, I.; Babanatsas, T.; Jitaru, L., The study of the traction behaviour of knitted structures with controlled dimensional stability, <i>MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019)</i>, Volume: 591, Published: 2019, DOI: 10.1088/1757-899X/591/1/012098 Szabo, M.; Babanatis-Merce, R. M.; Barbu, I.; Babanatsas, T.; Jitaru, L., Study of dimensional changes during washing process for 1:1 interlock cotton yarns, <i>MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019)</i>, Volume: 591, Published: 2019, DOI: 10.1088/1757-899X/591/1/012099 Buhu, Liliana; Negru, Daniela; Loghin, Emil Constantin; Buhu, Adrian, Analysis of tensile properties for conductive textile yarns, <i>INDUSTRIA TEXTILA</i>, Volume: 70, Issue: 2, Pages: 116-119, Published: 2019, DOI: 10.35530/IT.070.02.1517 		
12	<p>Dulgheriu, I., Ionesi, D., Avadanei, M., Hristian, L., Loghin., Buhu, L., ANCOVA analysis of penetration force on Kevlar fabrics used for ballistic protective equipment, <i>Industria Textila</i>, 1/2022</p> <p>Citată în:</p> <ol style="list-style-type: none"> Hinganu, Delia; Hinganu, Marius Valeriu; Tamas, Camelia; Costan, Victor Vlad; Hristian, Liliana; Negru, Dragos; Calistru, Anca Elena; Cucu, Ramona Paula; Lozneau, Ludmila, Vascular Perspectives of the Midfacial Superficial Musculoaponeurotic System, <i>DIAGNOSTICS</i>, Volume: 14, Issue: 20, Published: 2024, DOI: 10.3390/diagnostics14202294 	1	1.67
13	<p>Avadanei, M., Loghin, E.C., Ionescu, I., Ionesi, S.D., Dulgheriu, I., E-training tutorial for the enhancement of the clothing designer technical skills, <i>The 13th International Conference on Virtual Learning ICVL 2018</i>, 2018, Bucharest, Romania, pp. 349 - 354, ISSN: 1844-8933, WOS:000471080200053</p> <p>Citată în:</p> <ol style="list-style-type: none"> Kolosnichenko, Maryna, V; Yezhova, Olga, V; Pashkevich, Kalina L.; Kolosnichenko, Olena, V; Ostapenko, Natalia, V, The Use of Modern Digital Technologies in the Design and Technology VET in Ukraine, <i>JOURNAL OF TECHNICAL EDUCATION AND TRAINING</i>, Volume: 13, Issue: 4, Pages: 56-64, Published: 2021, DOI: 10.30880/jtet.2021.13.04.005 	1	2.00
14	<p>Ionesi, S.D., Fangueiro, R., Ciobanu, L., Dumitraş, C., Ursache, M., Dulgheriu, I., Evaluation of impact behaviour of composite materials using Taguchi method, <i>Industria Textila</i>, Volume: 65, Issue: 3, pp. 152-157, ISSN 1453-5424, 2014 (indexată ISI Thomson, Web of Science), WOS:000338170500006</p> <p>Citată în:</p> <ol style="list-style-type: none"> Costea, Mariana; Seul, Arina; Mihai, Aura, Slit tear resistance of leather used in upholstery manufacturing, <i>INDUSTRIA TEXTILA</i>, Volume: 74, Issue: 3, Pages: 296-302, Published: 2023, DOI: 10.35530/IT.074.03.202275 Ustuntag, Sumeyye; Turksoy, Huseyin Gazi, Optimization of coating parameters for air permeability of denim fabrics through Taguchi method, <i>INDUSTRIA TEXTILA</i>, Volume: 70, Issue: 3, Pages: 259-264, Published: 2019, DOI: 10.35530/IT.070.03.1564 Herghiligi, I.V., EMS Exploratory Analysis in order to Improve its Integration Quality 	4	6.67

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>through Fractal Design, Social and Behavioral Sciences 238, 2018, pp. 597 – 606</p> <p>4. Altaş, S. , Özgen, B., Optimization of the slub yarn tensile strength with Taguchi techniques, 2015, Industria Textila, 66 (6), pp. 335-339</p>		
15	<p>Blaga, M., Dan, D., Ciobanu, R., Ionesi, S.D., Interactive application for computer aided design of 3d knitted fabrics, 7th International Scientific Conference eLSE, ISSN 2066-026X, 2011, (indexată ISI Thomson, Web of Science), WOS:000299797600067</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Cheng, Bilian; Jiang, Gaoming; Zhao, Junjie; Li, Bingxian, Design and modeling of partial knitting knitted fabric based on matrix transformation, INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, Volume: 35, Issue: 6, Pages: 918-937, Published: 2023, DOI: 10.1108/IJCST-06-2022-0085 2. Indrie, Liliana; Mutlu, Mehmet Mete; Efendioglu, Nilay Ork; Tripa, Simona; Diaz-Garcia, Pablo; Soler, Miquel, Computer aided design of knitted and woven fabrics and virtual garment simulation, INDUSTRIA TEXTILA, Volume: 70, Issue: 6, Pages: 557-563, Published: 2019, DOI: 10.35530/IT.070.06.1659 3. Mocanu, R., Mihai, A., Costea, M., Harnagea, M.C., Sarghie, B., Multimedia applications for footwear design, International Scientific Conference eLSE, ISSN 2066-026X, 2013 4. Blaga, M., Ciobanu, A.R., Dan, D., On-Line Assessment for Computer Aided Design in Knitting, The 8th International Scientific Conference eLearning and software for Education Bucharest, April 26-27, 2012 10.5682/2066-026X-12-069 5. Blaga, M., Ciobanu, A.R., Interactive course and simulated application for teaching the design of 3d shaped knitted tubes, The 10th International Scientific Conference eLearning and software for Education Bucharest, 2014 	5	12.50
16	<p>Avadanei, M, Curteza, A, Blejan, C, Dulgheriu, I, Loghin, EC, Ionesi, D, Radu, CD, Optimising the amount of base material used for manufacturing garments with creases, during their design stage, Industria textila, Volume 72, Issue 4, Page 454-45, 2021, DOI: 10.35530/IT.072.04.1845</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Mesjar, Lyndsay; Cross, Karen; Jiang, Yang; Steed, Josie, The Intersection of Fashion, Immersive Technology, and Sustainability: A Literature Review, SUSTAINABILITY, Volume: 15, Issue: 4, Published: 2023, DOI: 10.3390/su15043761 2. Baek, Eunsoo; Haines, Shelley; Fares, Omar H.; Huang, Zhihong; Hong, Yuwei; Lee, Seung Hwan Mark, Defining digital fashion: Reshaping the field via a systematic review, COMPUTERS IN HUMAN BEHAVIOR, Volume: 137, Published: 2022, DOI: 10.1016/j.chb.2022.107407 	2	2.86
17	<p>Dulgheriu, I., Matenciuc, C., Ionesi, S.D., Moricz, J., The optimisation of sealing parameters of assembling intended for products made of composite materials, Revista Industria Textila, Nr. 4, ISSN 1222-5347, 2011, (indexată ISI Thomson, Web of Science), WOS:000294657700008</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Vlad, Luminita; Stan, Mitu; Buhai, Crina, THE OPTIMIZATION OF THE ASSEMBLIES APPLIED TO PRODUCTS MADE OF WATERPROOF FABRICS, TEKSTIL VE KONFEKSIYON, Volume: 23, Issue: 3, Pages: 273-279, Published: 2013 2. Lu, Y., Chen, Y.C., Zhang, P.H., A membrane coated composite mesh for repairing pelvic floor defects using electrospinning method, Revista Industria Textila, Nr. 4, ISSN 1222-5347, 2015 	2	5.00
18	<p>Ionesi, S.D., Ciobanu, L., Sarghie, B., E-learning application for a better understanding of shoes 3D modeling, Proceedings of the 10th International Scientific Conference "eLearning and Software for</p>	8	26.67

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014, (indexată ISI Thomson, Web of Science), WOS:000357200600056</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Pawan, M., Sachin, K., Vinayak, R., Sonu, S., Sabyasachi, S., Categorization of the Indian Males' Foot Data for Age 18–25 Years Based on Plantar Footprints, Machines, Mechanism and Robotics pp 1565-1573, 2021, DOI: 10.1007/978-981-16-0550-5_151 2. Avadanei, M., Loghin, E.C., E-Learning Tools Applied In Teachingadvanced Design Module Of CAD System, The 13th International Scientific Conference eLearning and software for Education Bucharest, 2017 3. Sarghie, B., Mihai, A., Herghiligiu, I., E-learning application for 3d modelling of custom shoe lasts using templates, The 12th International Scientific Conference eLearning and software for Education Bucharest, 2016 4. Costea, M., Sarghie, B., Mihai, A., Rezus, E., Classification of the Elderly Foot Types Based on Plantar Footprints, Procedia Engineering Volume 181, 2017, Pages 36-43 . Avadanei, M., Loghin, E.C., E-learning lessons for teaching different CAD systems in order to increase the designer's adaptability, The 13th International Scientific Conference eLearning and software for Education Bucharest, 2017 6. Costea, M., Mihai, A., Seul, A., Design for manufacture matrix for older women shoes - case studies, The 13th International Scientific Conference eLearning and software for Education Bucharest, 2017 7. Costea, M., Aura, M., E-learning tools used by teachers and students in the field of footwear 3d modelling, The 12th International Scientific Conference eLearning and software for Education Bucharest, 2016 8. Drange, T., Kargaard, J., Increasing Student/Student and Student/Lecturer Communication Through Available Tools to Create a Virtual Classroom Feeling in Online Education, The 13th International Scientific Conference eLearning and software for Education Bucharest, 2017 		
19	<p>Ursache, M., Avadanei, M.L., Ionesi, S.D., Loghin, E., Education - employment partnership for VET in the fashion sector, 17th AUTEX World Textile Conference 2017, 2017, Materials Science and Engineering 254 (2017) 222007 DOI: 10.1088/1757-899X/254/22/222007, WOS:000417214900266</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Buligina, Ilze; Sloka, Biruta, RECENT DEVELOPMENT TRENDS OF VOCATIONAL EDUCATION AND TRAINING IN LATVIA, VPLYV INDUSTRY 4.0 NA TVORBU PRACOVNYCH MIEST, Pages: 46-54, Published: 2019 2. Buligina, Ilze; Sloka, Biruta, Recent Development Trends of Vocational Education and Training in Latvia, Conference: International Scientific Conference on The Impact of Industry 4.0 on Job Creation Location: Trencianske Teplice, Slovakia, Date: NOV 22, 2018 	2	5.00
20	<p>Ursache, M., Dan, D., Ionesi, S.D., GAME BASED LEARNING IN TEXTILE ENGINEERING EDUCATION, Proceedings of the 11th International Scientific Conference "eLearning and Software for Education" Bucharest, April 23 - 24, ISSN 2066-026X, 2015, (indexată ISI Thomson, Web of Science), WOS:000384471300093</p> <p>Citată în:</p> <ol style="list-style-type: none"> 1. Pando Cerra, Pablo; Fernandez Alvarez, Humberto; Busto Parra, Bernardo; Iglesias Cordera, Paula, Effects of Using Game-Based Learning to Improve the Academic Performance and Motivation in Engineering Studies, JOURNAL OF EDUCATIONAL COMPUTING RESEARCH, Volume: 60, Issue: 7, Pages: 1663-1687, Published: 2022, DOI: 10.1177/073563312211074022 	1	3.33
21	<p>Vircan, A., Ionesi, S.D., Mitu, S., Dabija, A., Capmare, L., Interdependence between anthropometric parameters specific for the age group 7-10 years, Revista Industria Textila, Nr. 4, pag. 188-194, ISSN</p>	2	4.00

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>1222-5347, 2013 (indexată ISI Thomson, Web of Science), WOS:000323992600003</p> <p>Citată în:</p> <ol style="list-style-type: none"> Negru, Daniela; Buhu, Liliana; Loghin, Emil; Dulgheriu, Ionut; Buhu, Adrian, Absorption and moisture transfer through knitted fabrics made of natural and man-made fibers, INDUSTRIA TEXTILA, Volume: 68, Issue: 4, Pages: 269-274, Published: 2017 Altas, Sevda; Ozgen, Banu, Optimization of the slub yarn tensile strength with Taguchi techniques, INDUSTRIA TEXTILA Volume: 66 Issue: 6 Pages: 335-339 Published: 2015 		
22	<p>Ursache, M., Dan, D., Ionesi, S.D., Ciobanu, L., Rusu, B., Loghin, E.C., Avadanei, M., THE USE OF MASSIVE OPEN ONLINE COURSES (MOOCS) IN TEXTILE EDUCATION, Proceedings of the 12th International Scientific Conference "eLearning and Software for Education" Bucharest, April 21 - 22, ISSN 2066-026X, 2016, (indexată ISI Thomson, Web of Science), WOS:000385397100079</p> <p>Citată în:</p> <ol style="list-style-type: none"> Jianzhen Zhang, Jia Tina Du, and Fang Xu, Application of Data Mining in MOOCs for Developing Vocational Education: A Review and Future Research Directions, International Journal of Information and Education Technology, Vol. 8, No. 6, June 2018 	1	1.43
23	<p>Dulgheriu, I., Ionescu, I., Avadanei, M., Ionesi, S.D., The Analysis of the Interaction of Working Bodies Through Studying the Cyclorama of the Sewing Machine, 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, APR 11-12, 2019, WOS:000473324500055</p> <p>Citată în:</p> <ol style="list-style-type: none"> Hristian, Liliana; Ostafe, Maria Magdalena; Dulgheriu, Ionut; Buhu, Liliana; Buhu, Adrian; Negru, Daniela, Identification of influence factors on physical-mechanical properties, using the principal component analysis, in selecting the textile fabrics for the clothing products, INDUSTRIA TEXTILA, Volume: 71, Issue: 5, Pages: 438-445, Published: 2020, DOI: 10.35530/IT.071.05.1754 	1	2.50
24	<p>Ionesi, S.D., Ciobanu, L., Evaluation of tensile behaviour of raw materials used for composites reinforcement, International Symposium in Knitting and Apparel - ISKA 2013Iasi, June 21– 22, 2013, ISSN 2069 – 1564, pag. 62-67, 2013</p> <p>Citată în:</p> <ol style="list-style-type: none"> Buhu, L., Negru, D., Loghin, E.C., Buhu, A., Analysis of tensile properties for conductive textile yarns, Industria textila, Volume: 70 Issue: 2 Pages: 116-119 	1	5.00
25	<p>Ionesi, S.D., Ciobanu, R., Blaga, M., Budulan, C., KNITTED PREFORMS FOR COMPOSITES MATERIALS, 7th International Conference - TEXSCI 2010, September 6-8, Liberec, Czech Republic, 2010</p> <p>Citată în:</p> <ol style="list-style-type: none"> Hasani, H., Hassanzadeh, S., Abghary, M., Omrani, E., Biaxial weft-knitted fabrics as composite reinforcements: A review, Journal of Industrial Textiles, Vol 46, Issue 7, 2017 	1	2.50
26	<p>Ionesi, S.D., Ciobanu, R., Vircan, A., Blaga, M., Budulan, C., Three - dimensional knitted fabric with technical destination, Buletinul Institutului Politehnic din Iași, Sectia Textile – Pielarie, Fasc. 3, pag. 29-37, 2010</p> <p>Citată în:</p> <ol style="list-style-type: none"> Hosseini S-S, Hasani H, Ajeli S. Effect of profile and reinforcing the surface layers on bending behavior of 3D multi-cell spacer weft-knitted composites. Journal of Industrial Textiles. 2022;51(7):1059-1083. doi:10.1177/1528083719892920 	4	8.00

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	<p>2. Hassanzadeh, S., Hasani, H., Zarrebini, M., Mechanical characterization of innovative 3D multi-cell thermoset composites produced with weft-knitted spacer fabrics, <i>Composite Structures</i> 184 (2018) 935–949, https://doi.org/10.1016/j.compstruct.2017.10.048</p> <p>3. Shahla-Sadat H., Hossein H., Saeed A., Effect of profile and reinforcing the surface layers on bending behavior of 3D multi-cell spacer weft-knitted composites, <i>Journal of Industrial Textiles</i>, 2019, https://doi.org/10.1177/1528083719892920</p> <p>4. Mohammad P.S., Hossein H., Process development and compression behavior of innovative 3D bi-directional flat-knitted spacer-reinforced composites, <i>Journal of Industrial Textiles</i>, 2021, https://doi.org/10.1177/1528083721992770</p>		
27	<p>Ciobanu, R., Ionesi, S.D., Budulan, C., <i>Protective gloves against mechanical hazard</i>, World Journal of Engineering, Issue Vol. 2, Sun Light Publishing, Toronto, Canada, 2010, ISSN 1708-5284</p> <p>Citată în:</p> <p>1. Ertekin, M., Investigation of Dexterity, Mechanical Properties, and Burning Behavior of Protective Gloves Produced With High Performance Yarns, <i>Tekstil ve Konfeksiyon</i>. 2017, Vol. 27 Issue 4, p400-407</p> <p>2. Ertekin, M., Ertekin, G., Characterization of cut resistance and comfort properties of protective gloves based on different materials, <i>Journal of the Textile Institute</i>, DOI: 10.1080/00405000.2019.1627986, Early Access: JUN 2019</p> <p>3. Mustafa Ertekin & Gözde Ertekin (2020) Characterization of cut resistance and comfort properties of protective gloves based on different materials, <i>The Journal of The Textile Institute</i>, 111:2, 155-163, DOI: 10.1080/00405000.2019.1627986</p>	3	10.00
28	<p>Ionesi, S.D., Ciobanu, R., Ciobanu, L., Budulan, C., <i>Developments of 3D knitted fabrics</i>, 17th International Conference, STRUTEX 2010, Technical University of Liberec, Republica Ceha, ISBN 978-80-7372-664-53, 2010</p> <p>Citată în:</p> <p>1. Krauledaite, J., Ancutiene, K., Urbelis, V., Krauledas, S., Development and evaluation of 3D knitted fabrics to protect against mechanical risk, <i>Journal of Industrial Textiles</i>, Volume: 49 Issue: 3 Pages: 383-401, DOI: 10.1177/1528083718783316, 2019</p> <p>2. Hassanzadeh, S., Hasani, H., Zarrebini, M., Mechanical characterization of innovative 3D multi-cell thermoset composites produced with weft-knitted spacer fabrics, <i>COMPOSITE STRUCTURES</i>, Volume: 184 Pages: 935-949, DOI: 10.1016/j.compstruct.2017.10.048, 2018</p> <p>3. Ishmael, N., Anura, F., Sonja, A., Taylor, L., Textile technologies for the manufacture of three-dimensional textile preforms, <i>Research Journal of Textile and Apparel</i>, Volume 21, Issue 4, 2017</p>	3	7.50
29	<p>Ionesi, S.D., Ciobanu, L., Dulgheriu, I., <i>E-learning instruments used to simulate the mechanisms of a sewing machine</i>, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014</p> <p>Citată în:</p> <p>1. Avadanei, M., Loghin, E., Dulgheriu, I., E-Learning Tools Applied in Teaching Advanced Design Module of CAD System, 11th International Scientific Conference on eLearning and Software for Education (eLSE), Bucharest, ROMANIA, APR 23-24, 2015</p>	1	3.33
30	<p>Ionesi, S.D., Ursache, M, Ciobanu, L., <i>Interactive application for the simulation of needle trajectory in a knitting system</i>, Proceedings of the 9th International Scientific Conference "eLearning and Software for Education" Bucharest, April 25 - 26, 2013, ISSN 2066 – 8821</p> <p>Citată în:</p> <p>1. Zhang, C., Li, D., Zuo, X., Zhou, X., Magnetic array knitting needle driving system design, <i>IOP Conf. Series: Materials Science and Engineering</i> 612 (2019) 032026, doi:10.1088/1757-899X/612/3/032026</p> <p>2. Avadanei, M., Ionescu, I., Filipescu, E., Online assessment of the garment pattern</p>	3	10.00

Nr. Crt.	Lucrare	Nr. citari	Nr. puncte
	making knowledge, The 11th International Scientific Conference eLearning and software for Education Bucharest, 2015 3. Avadanei, M., Filipescu, E., Ionescu, I., Loghin, E., E-Learning Demonstrations of Clothes Pattern Alteration Due to The Appearance of Different Flaws, 12th International Scientific Conference on eLearning and Software for Education (eLSE), Bucharest, ROMANIA, APR 21-22, 2016		
TOTAL		170	355.8

3.1.2. Citări în articole indexate BDI

Nr crt.	Lucrarea citată	Nr. citări	Punctaj
1	Blaga, M., Dan, D., Ciobanu, R., Ionesi, S.D., <i>Interactive application for computer aided design of 3d knitted fabrics</i> , 7th International Scientific Conference eLSE, ISSN 2066-026X, 2011 Citată în: 1. Blaga, M, Ciobanu, A.R., Pavko-Cuden, A, Darja, R., Production of foldable weft knitted structures with auxetic potential on electronic flat knitting machines, Melliand International . Nov2013, Vol. 19 Issue 4, p220-223 2. Piles, M., Rocha, A., Catarino, A., Knitted jewelry : extending the limits of technology, Transition: Re-thinking Textiles and Surfaces, 2014, DOI: 10.13140/RG.2.1.3883.9925 3. Mihai, A., Costea, M., Mocanu, R., Sarghie, B., Tied shoe- multimedia toolkit for footwear design and pattern making, Joint Conference on Environmental and Light Industry Technologies 20 – 21 November 2013, Budapest, Hungary, Óbuda University	3	3.75
2	Ionesi, S.D., Ciobanu, L., Dulgheriu, I., E-learning instruments used to simulate the mechanisms of a sewing machine, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014 Citată în: 1. Mihai, A., Costea, M., Sarghie, B., Creative transfer of competence in 3D footwear CAD, ICAMS 2014 – 5 th International Conference on Advanced Materials and Systems, pp. 615-618, ISSN: 2068 – 0783 2014 2. Costea, M., Mihai, A., Innovative method of modelling shoe lasts, Buletinul Institutului Politehnic din Iasi, Textile-Pielarie, Tomul LX (LXIV), Fasc. 1-4, 2014 3. Costea, M., Sarghie, B., Mihai, A., Rezus, E., The relationship between body mass index and plantar pressures of the elderly, ICAMS 2016 – 6th International Conference on Advanced Materials and Systems 4. Costea, M., Mihai, A., comparative analysis of dynamic plantar pressure distribution on different areas of the foot, Revista de Pielarie Incaltaminte 16 (2016) 2	4	6.67
3	Ionesi, S.D., Ciobanu, R., Blaga, M., Budulan, C., Knitted Preforms for Composites Materials, 7th International Conference - TEXSCI 2010, September 6-8, Liberec, Czech Republic, 2010 Citată în: 1. Hassanzadeh, S., Hasani, H., Zarrebini, M., Effects of Cross-sectional Shape on Mechanical performances of New-designed FRP Sandwich Structures Reinforced with 3D Weft-knitted Spacer Fabrics, 2nd International Conference on Research in Science and Technology, Istanbul, 2016	1	1.25
4	Ionesi, S.D., Fanguero, R., Ciobanu, L., Vircan, A., Budulan, C., Shape Modeling of 3D Knitted Fabrics, 46th International Congress IFKT, 6 - 8 September 2012, Sinaia, Romania, pag. 926-93, 2012 Citată în: 1. Piles, M., Rocha, A., Catarino, A., Knitted jewelry : extending the limits of technology, Transition: Re-thinking Textiles and Surfaces, 2014, DOI: 10.13140/RG.2.1.3883.9925	1	1.00
5	Ionesi, S.D., Ciobanu, R., Vircan, A., Blaga, M., Budulan, C., Three -	2	2.00

Nr crt.	Lucrarea citată	Nr. citări	Punctaj
	dimensional knitted fabric with technical destination, Buletinul Institutului Politehnic din Iași, Sectia Textile – Pielarie, Fasc. 3, pag. 29-37, 2010 Citată în: 1. Huong, C.D., Hoan, D.T., Investigate the Influence of Top Tension Yarn to Cotton Single Jersey Fabric Properties on Flat Knitting Machine Shima Seiki, Journal of Science & Technology Vietnam, Nr. 71, 2019 2. Lazie, B., Popovic, B., Primjena pletenih tekstilnih proizvoda u medicine, Tekstil 64 (1-2) 25-36 (2015)		
6	Ionesi, S.D., Ciobanu, L., Sarghie, B., E-learning application for a better understanding of shoes 3D modeling, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014, Citată în: 1. Mihai, A., Costea, M., Sarghie, B., Creative Transfer of Competence in 3D Footwear CAD, ICAMS 2014 – 5th International Conference on Advanced Materials and Systems 2. Costea, M., Mihai, A., Innovative Method of Modelling Shoe Lasts, Buletinul Institutului Politehnic din Iași, Tomul LX (LXIV), Fasc. 1-4, 2014 3. Costea, M., Sârghie, B., Mihai, A., Rezuș, E., The Relationship Between Body Mass Index and Plantar Pressures of the Elderly, ICAMS 2016 – 6th International Conference on Advanced Materials and Systems 4. Costea, M., Mihai, A., Comparative analysis of dynamic plantar pressure distribution on different areas of the foot, Revista de Pielarie Incaltaminte 16 (2016) 2	4	6,67
7	Ciobanu, R., Ionesi, S.D., Budulan, C., Protective gloves against mechanical hazard, World Journal of Engineering, Issue Vol. 2, Sun Light Publishing, Toronto, Canada, 2010, ISSN 1708-5284 Citată în: 1. ERTEKİN, M., Effect of Coating on the Performance Properties of Protective Gloves, Tekstil ve Mühendis, Year 2017, Volume 24, Issue 107, Pages 172 - 180	1	1.67
8	Marin, E., Barbuta, M., Ciobanu, L., Ionesi, S.D., Cioara, I., Dumitraș, C., Study regarding the optimisation of the mechanical behaviour of glass fibre reinforced concrete, Journal of Optoelectronics and Advanced Materials, Nr. 11-12, ISSN 1454-4164, 2014, Citată în: 1. Sosoi, G., Barbuta, M., Siaconu, D., Scutarasu, S., Practical Issues in Processing of Concrete with Recycled Pet Fibers, Buletinul Institutului Politehnic Din Iași, Volumul 63 (67), Numărul 3, 2017, Construcții. Arhitectură	1	0,83
		TOTAL	23,83

3.1.3. Citări în alte publicații

Nr crt.	Lucrarea citată	Nr. citări	Punctaj
1	Ionesi, S.D., Ciobanu, L., Sarghie, B., E-learning application for a better understanding of shoes 3D modeling, Proceedings of the 10th International Scientific Conference "eLearning and Software for Education" Bucharest, April 24 - 25, ISSN 2066-026X, 2014 Citată în: 1. Costea, M., Mihai, A., Plantar Footprint Analyse of The Elderly's Feet – One Case Study, 16th Romanian Textiles and Leather Conference – CORTEP 2016 Iasi, 27-29 October 2016	1	1
2	Blaga, M., Dan, D., Ciobanu, R., Ionesi, S.D., Interactive application for computer aided design of 3D knitted fabrics, 7th International Scientific Conference eLSE, ISSN 2066-026X, 2011 Citată în: 1. Mihai, A., Costea, M., Sarghie, B., Creative Transfer of Innovative Software Solutions and 3d Technologies for Computer-Aided Footwear Design, 15th Romanian	1	0,75

Nr crt.	Lucrarea citată	Nr. citări	Punctaj
	Textiles and Leather Conference – CORTEP 2014 4 - 6 September 2014, Poiana Braşov, Romania		
3	Ciobanu, R., Ionesi, S.D., Budulan, C., Protective Gloves Against Mechanical Hazards, 7 th International Conference - TEXSCI 2010, Liberec, Czech Republic Citată în: 1. Özdemir, F., Marmarali, A., Ertekin, G., Some Performance Properties of Protective Gloves Against Mechanical Risks, 46th International Congress IFKT Sinaia, 6 - 8 September 2012	1	1
		TOTAL	2,75

3.2 Prezentări efectuate ca invitat în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusive Erasmus)

Nr crt	Subcateg.	Titlul prezentării	Rezultate (punctaje)
1	Internațional	Keynote speaker, InMotion 2022, Multiscale and multifunctional fiber-based materials for automotive and aeronautics applications, Weimar, Germania, September 21 - 23, 2022	20

3.3. Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice/ Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI

Nr crt	Rezultate (punctaje)	Realizari
0	1	2
1	10	Membru Editorial board Revista Industria Textilă
2	10	Recenzor Journal of Materials Research and Technology
3	10	Recenzor Journal of Industrial Textiles
4	10	Recenzor Textile Research Journal
5	10	Recenzor Revista Industria Textila
6	8	Membru comitet științific AUTEX 2026 World Conference
7	8	Membru comitet științific 5-th International Conference on Engineering and Entrepreneurship & 11-th International Textile Conference 2025
8	8	Membru comitet științific TEXTEH 2025
9	8	Membru comitet științific TTPF2025
	8	Recenzor Simpozion TTPF 2023
10	8	Recenzor Buletinul Institutului Politehnic Iasi – Sectia Construcții de mașini
11	8	Recenzor CORTEP 2024
12	8	Recenzor CORTEP 2022
13	8	Membru in Comitetul organizare CORTEP 2026
14	8	Membru in Comitetul organizare CORTEP 2024
15	8	Membru in Comitetul organizare CORTEP 2022
16	5	Membru in Comitetul organizare CORTEP 2018

17	5	Organizator al Mesei rotunde "Cererea vs. Oferta de Specialiști în Domeniul T&C", 23 Iunie 2016, Iași
18	5	Membru în Comitetul organizare CORTEP 2016
19	5	Membru în Comitetul organizare AUTEX 2015
20	5	Membru în Comitetul organizare CORTEP 2014
21	5	Membru în Comitetul organizare ISKA 2013
22	5	Membru în Comitetul organizare CORTEP 2012
23	5	Membru în Comitetul organizare ISKA 2010
24	5	Membru în Comitetul organizare al "Simpozionul Anual Al Specialistilor Din Industria de Tricotaje-Confectii" 2009
TOTAL	183	

3.4. Experiența de management, analiză și evaluare în cercetare și/sau învățământ

3.4.1. Conducere

Nr crt	Rezultate (punctaje)	Realizari
0	1	2
1	20	Decan al Facultatii de Design Industrial și Managementul Afacerilor (martie 2023 – prezent)
2	40	Director al Departamentului ITC din cadrul Facultatii de Design Industrial și Managementul Afacerilor (legislatura 2016 – 2020, 2020-2023)
3	15	Președinte Comisie de admitere FDIMA 2023-2025
4	45	Președinte comisii concurs (2018-prezent)
5	15	Președinte comisii de doctorat (2023-2025)
6	20	Președinte Subcomisie Sistem de Control Intern Managerial FDIMA (2023 - prezent)
TOTAL	155	

3.4.2. Membru

Nr crt	Rezultate (punctaje)	Realizari
0	1	2
1	8	Membru Comisie de Monitorizare a Universității Tehnice "Gheorghe Asachi" din Iași (2023 - prezent)
2	14	Membru în Consiliul Departamentului ITC, 2016-2023
3	14	Președinte Comisia de Inventariere , 2016-2023
4	18	Membru în Comisia pentru activitatea de cercetare, organizare manifestări științifice, 2012-2023
5	18	Membru în Comisia pentru relații academice, imagine, promovare, mobilități, 2012-2023
6	2	Membru în comisia de licență specializarea Ingineria și Managementul Afacerilor (2023-2024)
7	6	Secretar Comisia de licență TTC 2013-2015
8	6	Membru comisii concurs (2018-2024)
9	22	Membru în Consiliul Facultatii de Design Industrial și Managementul Afacerilor (legislatura 2016-2020, 2020-2024, 2024-2029)
10	16	Membru în Comisia Didactică FDIMA
11	16	Membru în Comisia pentru Probleme Studentești FDIMA

12	20	Membru în Comisia de admitere FDIMA 2013-2023
TOTAL	160	

3.5 Premii

Nr crt	Subcategorii	Rezultate (punctaje)	Realizari
	1	2	3
1	Internațional	10	Certificate of Excellence, 10th international invention innovation competition in Canada - iCAN 2025
2	International	10	Diploma of Excellence, EUROINVENT 2025
3	International	10	Diploma of Honor, INVENTICA 2021
4	National	5	PN-III-P1-1.1-PRECISI-2019-39370
5	National	5	PN-IV-P2-2.3-PRECISI-2023-80340
	TOTAL	40	

3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenența la organizații din domeniul educației și cercetării

Nr crt	Subcategorii	Rezultate (punctaje)	Realizari
	1	2	3
1	International	5	Membru International Federation of Knitting Technologists
2	International	5	Membru Balkan Society Of Textile Engineers
3	National	5	Expert ARACIS
4	National	3	Membru AGIR
5	National	3	Membru ASITEX
6	National	3	Membru ASTIP
	TOTAL	24	

Data: 08.06.2026

Cont. dr. ing. Savin Dorin Ionesi