

UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI  
 FACULTATEA DE DESIGN INDUSTRIAL ȘI MANAGEMENTUL AFACERILOR  
 DEPARTAMENTUL DE INGINERIA TRICOTURILOR ȘI A CONFECȚIILOR  
 Ramura de știință: Inginerie mecanică, mecatronică, inginerie industrială și management  
 Domeniul de studii: Inginerie Industrială

## FIȘA DE VERIFICARE

a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de  
 profesor universitar

Publicat în Monitorul Oficial al României nr. 97 din data de 23.04.2026

**Cadru didactic: Ciobanu Ghe. Luminița** / Data nașterii: 29.04.1966 / Funcția ocupată: conferențiar

Data numirii în funcția actuală: 1.10.2013

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

<i>Condiții minime (Ai)</i>			
Nr crt.	Domeniul de activitate	Condiții profesor:	Punctaj obținut:
1	Activitate didactică/profesională (A1)	130	<b>340.17</b>
2	Activitate de cercetare (A2)	300	<b>696.34</b>
3	Recunoasterea și impactul activității (A3)	100	<b>1095.7</b>
<b>TOTAL (puncte)</b>		<b>Minim: 530</b>	<b>2132.21</b>

**Scor<sub>j</sub> – Criteriul C 2.1 Calitatea resursei umane**

$$\text{Scor}_j^{(U)} = \frac{\text{punctaj}_{CD_j^{(U)}}}{\text{punctaj}_{\text{minim CNATDCU}_j^{(U)}}} = 4$$

În aceasta formula:

- Scorul J este scorul obținut pentru cadrul didactic CDj, de la universitatea U (TUIASI);
- punctaj\_CD(U)j - punctajul comunicat de universitate pentru cadrele didactice CDj (conform Ordinului MECS 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 CDj deține titlul respectiv.

**Tabelul 2. Structura activității cadrelor didactice/ cercetătorilor și punctaje realizate**

Nr crt	Criteriu			Conditii minimele (realizări)	Nr. realizari	Punctaje totale
A1	1.1. Cărți/manuale/monografii/capitole în cărți de specialitate	1.1.1 Cărți/manuale/monografii/capitole de specialitate ca autor	1.1.1.1 internaționale	Minim 2 prim autor	4 / 2 pa	12.94
			1.1.1.2 naționale (Ed. recunoscute CNCSIS)		7 / 2 pa	32.72
		1.1.2 Cărți ca editor	1.1.2.1 internaționale			
			1.1.2.2 naționale		2	11.62
	1.2 Alte materiale didactice – inclusiv în format electronic	1.2.1 Suporturi de curs/îndrumare		Minimum 4 / 2 prim autor	7/ 5 pa	22.89
	1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale	Director/ Responsabil			1	15
	1.4 Dezvoltare de noi discipline	Titular			6	60
A2	1.5 Proiecte educaționale (ERASMUS, Leonardo etc.)	Director/ Responsabil			5	185
	2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date			Minim 8 de la ultima promovare, min 3 autor principal (ap), minimum 1 articol în reviste din	21 în reviste ISI (11 de la ultima promovare, 2 ap, 1 Q1 și 2 Q2)	223.79

Nr crt	Criteriu		Conditii minimale (realizări)	Nr. realizari	Punctaje totale
			zona roșie sau galbenă	13 ISI Proceedings (8 de la ultima promovare, 1 ap)	76.38
	2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale		de la ultima promovare – min 8	20 (12 de la ultima promovare)	74.91
	2.3 Articole în extenso în Reviste/Proceedings naționale/internaționale neindexate (max. 2 la aceeași ediție)			36	66.79
	2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.	2.4.1 internaționale			
		2.4.2 naționale		3	21.67
	2.5 Granturi/ proiecte câștigate prin competiție sau contracte cu mediul social-economic	2.5.1 Director/ Responsabil	2.5.1.1 internaționale		
			2.5.1.2 naționale	2 (D)	154.8
		2.5.2 Membru în echipă	2.5.2.1 internaționale	1	10
			2.5.2.2 naționale	5	25
	2.6. Coordonare/ dezvoltare laborator/ centru cercetare	Responsabil		1	40
A3	3.1 Vizibilitate in baze de date internationala	3.1.1 citări în articole indexate ISI		164	546.5
		3.1.2 citări în articole indexate BDI		18	70
		3.1.3. citări în alte publicatii		38	67,2
	3.2 Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv ERASMUS)	3.2.1 internationale		2	40
		3.2.2 nationale			
	3.3 Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice/ Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI	3.3.1 ISI		4	40
		3.3.2 BDI		5	40
		3.3.3 naționale și internaționale neindexate		4	20

Nr crt	Criteriu		Conditii minimale (realizări)	Nr. realizari	Punctaje totale
	3.4 Experiența de management, analiză și evaluare în cercetare și/sau învățământ	3.4.1 Conducere		1	20
		3.4.2 Membru		11	202
	<b>Criterii opționale</b>				
	3.5 Premii	3.5.1 Academia Română	-		
		3.5.2 ASAS, AOSR, academii de ramură și CNC SIS	-		
		3.5.3 premii internaționale	-	2	20
		3.5.4 premii naționale în domeniu	-	5	25
	3.6 Membru în academii, 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	1	5
			3.6.4.2 naționale	2	6
		3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere	-	

**FIȘA DE VERIFICARE**  
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de  
profesor universitar

Candidat: **Ciobanu Luminița** / Data nașterii: 29.04.1966/ Funcția ocupată: Conferențiar universitar,

Data numirii în funcția actuală: 1.10.2013 Instituția: Universitatea Tehnică Gheorghe Asachi din Iași

**Activitate didactica/profesionala (A1)**

**1.1 Cărți/manuale/monografii/capitole în cărți de specialitate**

**1.1.1 Cărți/manuale/monografii/capitole de specialitate ca autor**

Nr crt	Subcategorii (National / International)	Rezultate (punctaje)	Carti de specialitate/Capitole de carti (titlul, autorii, nr. pagini, Editura, ISBN)	Nr pagini
1.	International	3.9	Popescu, V., <b>Ciobanu, L.</b> , Eco-Friendly Stimuli and Their Impact on the Tinctorial Capacity of Textile Materials, in Innovative and Emerging Technologies for Textile Dyeing and Finishing, Luqman Jameel Rather, Aminoddin Haji, Mohd Shabbir (editori), John Wiley and Sons și Scrivener Publishing LLC, 2021, pp. 1-39 <a href="https://books.google.ro/books?id=YS8WEAAAQBAJ&amp;printsec=copyright&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">https://books.google.ro/books?id=YS8WEAAAQBAJ&amp;printsec=copyright&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a>	39
2.	International	0.84	Loghin, MC, <b>Ciobanu, L.</b> , Ionesi, D., Loghin, E., Cristian, I., Introduction to waterproof and water repellent textiles, Waterproof and Water Repellent Textiles and Clothing, John Williams (Editor), The Textile Institute Book Series, Woodhead Publishing, pp. 3-24, 208 <a href="https://www.sciencedirect.com/science/article/abs/pii/B9780081012123000010?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/B9780081012123000010?via%3Dihub</a>	21
3.	International	6.4	<b>Ciobanu, L.</b> - <i>Development of 3D Knitted Fabrics for Advanced Composite Materials</i> , in Advances in Composite Materials – Ecodesign and Analysis, edited by Brahim Attaf, ISBN 978-953-307-150-3, Intechweb <a href="https://cdn.intechopen.com/pdfs/14297/InTech-">https://cdn.intechopen.com/pdfs/14297/InTech-</a>	32

			<a href="#"><i>Development of 3d knitted fabrics for advanced composite materials.pdf</i></a>	
4.	<b>International</b>	1.8	<b>Ciobanu, L.</b> – <i>Malhas Sandtex</i> , in “Têxteis Técnicos: Materiais do Novo Milénio”, vol. III “Aplicações, Novos Processos e Novos produtos”, Williams Lda, Braga, 2002, pp. 107-117, ISBN 972-98468-2-0	9
5.	<b>National</b>	19.4	<b>Ciobanu, L.</b> , <i>Tricoturi cu destinații tehnice</i> , editura Performantica, Iași, 2013, ISBN 978-973-730-991-4	194
6.	<b>National</b>	2.8	<b>Ciobanu, L.</b> - <i>Tricoturi cu aplicații medicale</i> , în <i>Materiale textile cu destinație medicală</i> , editor Radu, C.R., editura Peformantica, Iași, 2009, pp. 31-58, ISBN 978-973-730-653-1	28
7.	<b>National</b>	1.9	<b>Ciobanu, L.</b> În colectiv – <i>Imbracaminte functionala - Functii inteligente ale echipamentelor de protectie</i> , Loghin, C. (editor), cap. 3.4 (13 p/1 autor), cap.4 (40 p/7 autori) Editura PIM, Iasi, 2008, ISBN 978-606-520-126-2	13 p/10 + 42p/10x7
8.	<b>National</b>	1.7	<b>Ciobanu, L.</b> În colectiv., <i>Imbracaminte functionala – Modelarea si simularea functiilor de protectie</i> , Loghin, C., Ciobanu, L. (editori), cap V, 25p/3 autori, cap VII 15p/6 autori, cap. XII 14p/2 autori, Editura PIM, Iasi, 2008, ISBN 978-606-520-128-6	25/10x3 15/10x6 14/10x2
9.	<b>National</b>	1.8	<b>Ciobanu, L.</b> , în colectiv– <i>Imbracaminte functionala – Proiectarea materialelor textile compozite</i> , cap 1.3 (9p/1 autor), cap 2.3 (7p/1 autor), cap 4.3.1 (2p/1 autor) Loghin, C., Ciobanu, L. (editori) Editura PIM, Iasi, 2008, ISBN 978-606-520-127-8	18
10.	<b>National</b>	1.06	Comandar, C., <b>Ciobanu, L.</b> – <i>Bazele structurii si proiectarii tricoturilor</i> , în <i>Manualul inginerului textilist</i> , vol. II, partea A, editura AGIR, 2003, p. 90-190 – cap V.3.4.4 (2p) V.3.5.3 și V.3.4.5 (4p) + colab V.3.4.1 și V.3.4.2 (46 p.) V.3.5.1 și V.3.5.2 (12 p.)	64
11.	<b>National</b>	4.06	<b>Ciobanu, L.</b> (in colectiv) – <i>Dicționar tehnic textil poliglot</i> , vol I si II, coordonatori Grigoriu, A., Bidalach, R, Cernat, M., editura CERTEX, 1999, ISBN 973-96605-1-7, 805+495 pagini/10x32 autori	
	<b>TOTAL</b>	<b>45.66</b>		

#### 1.1.2. Cărți ca editor

Nr crt	Subcategorii	Rezultate (punctaje)	Carti de specialitate/Capitole de carti (titlul, autorii, nr. pagini, Editura, ISBN)	Nr pagini
1	<b>National</b>	<b>3,5</b>	Loghin, C., <b>Ciobanu, L.</b> (editori) – <i>Imbracaminte functionala – Proiectarea materialelor textile compozite</i> , Editura PIM, Iasi, 2008, ISBN 978-606-520-127-8	140 p

2	National	8,12	Loghin, C., <b>Ciobanu, L.</b> (editori) – <i>Imbracaminte functionala – Modelarea și simularea funcțiilor de protecție</i> , Editura PIM, Iasi, 2008, ISBN 978-606-520-127-8	325 p
	<b>TOTAL</b>	<b>11.62</b>		

## 1.2 Alte materiale didactice – inclusiv în format electronic

### 1.2.1 Suporturi de curs/îndrumare

Nr crt	Rezultate (punctaje)	Titlu	Nr pagini
1.	5	<b>Ciobanu, L.</b> , Structuri textile tricoturi. Ed Performantica, Iasi, 2025, ISBN 978-630-328-178-0	100
2.	6	<b>Ciobanu, L.</b> , Structuri textile tricoturi. Indrumar de laborator, Ed Performantica, Iasi, 2023, ISBN 978-630-328-018-9	120
3.	2.04	<b>Ciobanu, L.</b> , Design Industrial tricoturi, Îndrumar de proiect, Ed. Performantica, Iasi, 2016, ISBN 978-606-685-418-4, 2016	45
4.	3.75	<b>Ciobanu, L.</b> , Ionesi, D, Grafică asistată de calculator, Îndrumar de laborator, Ed. Performantica, Iasi, ISBN 9 786066 854160, ISBN 978-606-685-416-0, 2016	150
5.	5	<b>Ciobanu, L.</b> , Grafică asistată de calculator – lucrări de laborator, Ed. Politehniun, Iași, 2008, ISBN 978-973-621-298-7	100
6.	0.74	Crețu, V., <b>Ciobanu, L.</b> , Moisescu, E., Cretu, M. – Îndrumar de practică în tricotaje pentru studenții din anul III, Ed. Performantica, Iași, 2011, ISBN 978-973-730-832-0	59
7.	0.36	Crețu, V., <b>Ciobanu, L.</b> , Moisescu, E., Cretu, M. – <i>Caiet de practică în tricotaje pentru studenții din anul III</i> , Ed. Performantica, Iași, 2011, ISBN 978-973-730-833-7	29
<b>TOTAL</b>	<b>22.89</b>		

### 1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă și proiecte educaționale

Nr crt	Rezultate (punctaje)	Director/ Responsabil/ Președinte program
1	15	Coordonare Master Tehnologii Performante de Tricotare (2014-2023)
<b>TOTAL</b>	<b>15</b>	

### 1.4. Dezvoltare de noi discipline

Nr crt	Rezultate (punctaje)	Titular disciplină
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1	10	Textile funcționale – tricoturi (din 2010)	TPT, I, Master
2	10	Grafică asistată de calculator (2006 - 2018)	Ing. Ind., II
3	10	Materiale textile avansate (din 2010), Textile Functionale (din 2017)	IM, III IEI IM, III IMA, IV IEI
4	10	Design industrial – tricoturi (din 2013)	Design Industrial, III
5	10	Structuri textile – tricoturi (din 2018)	Ing. Ind., II
6	10	Proiectarea structurilor tricotate (din 2018)	TTC, III
<b>TOTAL</b>	<b>60</b>		

#### 1.5 Proiecte educaționale (ERASMUS, Leonardo etc.)

Nr crt	Rezultate (punctaje)	Responsabil proiect Erasmus cu	
1	70	Saxion University, Țările de Jos (KA1, mobilități)	2015 - 2021
2	40	Universitat Politecnica de Catalunya, Spania (KA1, mobilități)	2022 - 2026
3	30	Weaving innovation among academia and industry in the Tunisian textile sector, acronim Wintex, Erasmus+, 610373-EPP-1-2019-1-ES-EPPKA2-CBHE-JP – <b>responsabil partener (R)</b> <a href="https://dima.tuiasi.ro/proiecte-cu-finantare-internationala/">https://dima.tuiasi.ro/proiecte-cu-finantare-internationala/</a>	2020-2022
4	25	HACKTEX – Innovative smart textiles & entrepreneurship, Erasmus+, 2021-1-RO01-KA220-HED-000027527 – <b>director (D)</b> <a href="https://dima.tuiasi.ro/proiecte-cu-finantare-internationala/">https://dima.tuiasi.ro/proiecte-cu-finantare-internationala/</a>	2022-2024
5	20	Textile Manufacturing for the Future in Uzbekistan and Kazakhstan, ERASMUS-101128738-EDU-2023-CBHE, TEX4FUTURE - <b>responsabil partener (R)</b> <a href="https://dima.tuiasi.ro/proiecte-cu-finantare-internationala/">https://dima.tuiasi.ro/proiecte-cu-finantare-internationala/</a>	2024-2027
<b>TOTAL</b>	<b>185</b>		

Condiții minimale A1	Punctaj candidat	Criteriu îndeplinit
Minim 130 puncte	335,17	



## Activitate de cercetare (A2)

### 2.1. Articole în reviste cotate ISI Thomsom Reuters și în volume indexate ISI Proceedings

Nr crt	Rezultate (punctaje)	Articol	FI
De la ultima promovare			
1.	6.5	Hristian, L; Loghin, EC ; Dulgheriu, I; Ionesi, SD; Avadanei, M; <b>Ciobanu, L.</b> , The influence of unconventional assembly techniques on the comfort indicators of waterproof materials, Industria Textilă, 75 (5), 2024 <a href="https://www.revistaindustriatextila.ro/images/2024/5/013%20LILIANA%20HRISTIAN%20INDUSTRIA%20TEXTILA%20no.5_2024.pdf">https://www.revistaindustriatextila.ro/images/2024/5/013%20LILIANA%20HRISTIAN%20INDUSTRIA%20TEXTILA%20no.5_2024.pdf</a>	0.9
2.	9.46	Ionesi, SD; <b>Ciobanu, L. (autor corespondent)</b> ; Dumitras, C.; Avadanei, M; Dulgheriu, I; Ionescu, I; Loghin, MC., FEM Analysis of Textile Reinforced Composite Materials Impact Behavior, MATERIALS, Volume14, Issue23, DOI10.3390/ma14237380, Published DEC <b>2021 (Q2: Materials Science, Multidisciplinary)</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000735002100001">https://www.webofscience.com/wos/woscc/full-record/WOS:000735002100001</a>	3.623
3.	3.47	Avadanei, M; Olaru, S; Ionescu, I; Ursache, M; <b>Ciobanu, L.</b> et al (11 autori), ICT new tools for a sustainable textile and clothing industry, INDUSTRIA TEXTILA, Volume71, Issue5, Page 504-512, DOI10.35530/IT.071.05.1811, Published 2020 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000586533900015">https://www.webofscience.com/wos/woscc/full-record/WOS:000586533900015</a>	0.82
4.	12.46	Popescu, V, Astanei, DG, Burlica, R, Popescu, A, Munteanu, C, Ciolacu, F, Ursache, M, <b>Ciobanu, L</b> , Cocean, A., Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics, JOURNAL OF CLEANER PRODUCTION, Volume 232, pp. 451-461, DOI10.1016/j.jclepro.2019.05.281, 2019 ( <b>Q1 Industrial and Manufacturing Engineering</b> ) <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000477784000042">https://www.webofscience.com/wos/woscc/full-record/WOS:000477784000042</a>	8,21
5.	8.35	Ciobanu, A.R., <b>Ciobanu, L. (autor corespondent)</b> , Dumitras, C., Sârghie, B. (2016) Comparative Analysis of the Bursting Strength of Knitted Sandwich Fabrics, FTEE, 24, 2 (116), pp. 97-103, DOI: 10.5604/12303666.1191432 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000372213300013">https://www.webofscience.com/wos/woscc/full-record/WOS:000372213300013</a>	0,626
6.	5.65	Parteni, O., Radu, CD, Muresan, A, Sandu, Av, Oproiu, LC, <b>Ciobanu, L.</b> , Sandu, IG, Textile Performances of Some Biomaterials with Controlled Release of a Drug for Cutaneous Therapies, REV. CHIM. (Bucharest), 66, 11, 2015 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000368213500016">https://www.webofscience.com/wos/woscc/full-record/WOS:000368213500016</a>	0,956

7.	5.1	Cernat, IF; <b>Ciobanu, L.</b> ; Muresan, R.; Abramiuc, D.; Stamate, T.; Denis, CV; Hanganu, SC., Medical efficiency of antibacterial wound dressings, Industria Textilă, 66, 3,131-135, 2015 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000357707500003">https://www.webofscience.com/wos/woscc/full-record/WOS:000357707500003</a>	0,57
8.	11.9	Ionesi, SD, <b>Ciobanu, L.</b> , Ursache, M., Mathematical correlation between section lines in 3D shapes and fashioning lines in 3D knitted fabrics, Industria Textilă, 66, 4, pp. 200-203, 2015 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000360875600005">https://www.webofscience.com/wos/woscc/full-record/WOS:000360875600005</a>	0,57
9.	5.79	Ionesi, SD, Fanguiero, R, <b>Ciobanu, L.</b> , Dumitras, C., Ursache, M., Dulgheriu, I, Evaluation of impact behaviour of composite materials using Taguchi method, Ind. Textile, 65, 3, 153-157, 2014 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000338170500006">https://www.webofscience.com/wos/woscc/full-record/WOS:000338170500006</a>	0,475
10.	5.93	Marin, E., Bărbuță, M., <b>Ciobanu, L.</b> , Ionesi, S.D., Cioară, I., Dumitraș, C. - Study regarding the optimization of the mechanical behaviour of glass fibre reinforced concrete, JOAM, 16, 11/12/2014, pp 1411-1417 <a href="https://1610q8pgg-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/summary/c54e8880-38da-4c12-a4d5-d34292c8cac9-a143ef38/relevance/1">https://1610q8pgg-y-https-www-webofscience-com.z.e-information.ro/wos/woscc/summary/c54e8880-38da-4c12-a4d5-d34292c8cac9-a143ef38/relevance/1</a>	0,563
11.	8.26	Abramiuc, D., <b>Ciobanu, L.</b> Mureșan, R., Chiosac, M., Mureșan, A., Antibacterial Finishing of Cotton Fabrics Using Biologically Active Natural Compounds, Fibres and Polymers, 14, issue 11, pp. 1826-1833 DOI: 10.1007/s12221-013-1826-4, ISSN 1229-9197 Published: NOV 2013 (Q2) <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000327689200006">https://www.webofscience.com/wos/woscc/full-record/WOS:000327689200006</a>	1,13
<b>Până la ultima promovare</b>			
12.	5.79	Iorgoaea-Guignard, M, Farima, D., <b>Ciobanu, L.</b> et al. Comfort properties of knitted fabrics with massaging effects, INDUSTRIA TEXTILA Volume: 64, Issue: 1, pp 34-39 , 2013 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000315760300006">https://www.webofscience.com/wos/woscc/full-record/WOS:000315760300006</a>	0,475
13.	17.66	<b>Ciobanu, L.</b> , Filipescu, F., Experimental Study of the Mechanical Behaviour of Knitted Fabrics, FTEE, vol. 20, 2 (91), pp. 34-39, ISSN 1230-3666 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000301515600007">https://www.webofscience.com/wos/woscc/full-record/WOS:000301515600007</a>	0,532
14.	8.64	Ionesi, D, Dumitras, C, <b>Ciobanu, L.</b> , Vircan, A, Analysis of low velocity impact behaviour of aramid-linen fibre reinforced composites using Taguchi method, JOAM, vol. 14, no. 5-6, pp. 544-550, ISS.2-2011, ISSN 1454-4164 (print), ISSN:1841-7132 (on-line) <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000306577500017">https://www.webofscience.com/wos/woscc/full-record/WOS:000306577500017</a>	0,457
15.	10.97	<b>Ciobanu, L.</b> , Ionesi, D., Ciobanu, A.R. – Design of fashioning lines in 3D knitted fabrics, Industria Textila, 4/2011, vol. 64, pp. 198-201, ISSN 1453-5424 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000294657700006">https://www.webofscience.com/wos/woscc/full-record/WOS:000294657700006</a>	0,291

16.	10.97	<b>Ciobanu, L.</b> , Dumitras, C., Filipescu, F. – Systemic approach to the design of knitted fabrics with three-dimensional architecture. Part II, Industria Textila, 2/2011, vol. 64, pp. 94-98, ISSN 1453-5424 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000289963200007">https://www.webofscience.com/wos/woscc/full-record/WOS:000289963200007</a>	0,291
17.	17.16	<b>Ciobanu, L.</b> , Dumitras, C. - Deformations Analysis of Hyperelastic Structures Using Advanced Optical Systems, JOAM, vol. 13, ISS.2-2011, ISSN:1454-4164 (print), ISSN:1841-7132 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000288624300023">https://www.webofscience.com/wos/woscc/full-record/WOS:000288624300023</a>	0,433
18.	6.43	Cerempei, A., <b>Ciobanu, L.</b> , Muresan, E., Malutan, C., Butnaru, R. – Textile Materials Functionalised with Natural Biologically Active Compounds, Romanian Biotechnological Letters, vol.15, nr. 5/2010, pp. 5537-5544 <a href="https://1610q7m32-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000283884600003">https://1610q7m32-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000283884600003</a>	0.219
19.	12.84	<b>Ciobanu, L.</b> , Dumitras, C., Filipescu, F. - Systemic approach to the design of knitted fabric with a three dimensional architecture, Industria Textila, 3/2010, pp. 129-133, ISSN 1453-5424 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000269163500004">https://www.webofscience.com/wos/woscc/full-record/WOS:000269163500004</a>	0,853
20.	16.82	Comandar, C., <b>Ciobanu, L.</b> – Specifics of Purl Stitch Geometry, Industria Textila 2/2009, pg. 75-81, ISSN 1453-5424 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000265450200004">https://www.webofscience.com/wos/woscc/full-record/WOS:000265450200004</a>	0,364
21.	33.64	<b>Ciobanu, L.</b> – Developments of 3D Knitted Fabrics for Advanced Composite Materials, Industria Textila, 4/2009, pg. 204-214, ISSN 1453-5424 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000269163500004">https://www.webofscience.com/wos/woscc/full-record/WOS:000269163500004</a>	0,364
<b>Conferințe ISI</b>			
22.	8.33	Ursache, M., <b>Ciobanu, L.</b> , Ionesi, SD, 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, București, June, 2019 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000506084800054">https://www.webofscience.com/wos/woscc/full-record/WOS:000506084800054</a>	
23.	3	Ionesi, SD, <b>Ciobanu, L.</b> , Avădanei, M, Ursache, M, Loghin, EC, 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, NEW TECHNOLOGIES AND REDESIGNING LEARNING SPACES, VOL III, pp. 412-417, June 2019 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000473324500057">https://www.webofscience.com/wos/woscc/full-record/WOS:000473324500057</a>	

24.	2.14	Ursache, M; Loghin, EC; Avadanei, M; Ionesi, SD; Rusu, B; Dan, D; <b>Ciobanu, L.</b> , THE USE OF MASSIVE OPEN ONLINE COURSES (MOOCS) IN TEXTILE EDUCATION, 12th International Scientific Conference on eLearning and Software for Education (eLSE), Bucharest, ROMANIA, ELEARNING VISION 2020!, VOL III, pp. 532-535, 2016 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000385397100079">https://www.webofscience.com/wos/woscc/full-record/WOS:000385397100079</a>	
25.	8.33	<b>Ciobanu, L. (autor principal)</b> , Ursache, M., Ionesi, SD, E-LEARNING APPLICATION FOR TEACHING KNITTING ENGINEERING, 11th International Scientific Conference ELSE, Bucharest, 2015, April, 24-25, RETHINKING EDUCATION BY LEVERAGING THE ELEARNING PILLAR OF THE DIGITAL AGENDA FOR EUROPE!, VOL. III, editor Ronceanu, I. et al., eLearning and Software for Education, pp. 538-541, DOI 10.12753/2066-026X-15-263, 2015 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000384471300083">https://www.webofscience.com/wos/woscc/full-record/WOS:000384471300083</a>	
26.	5	Ionesi, SD, <b>Ciobanu, L.</b> , Dulgheriu, I., E-LEARNING INSTRUMENTS USED TO SIMULATE THE MECHANISMS OF A SEWING MACHINE, 10th International Scientific Conference on eLearning and Software for Education, LET'S BUILD THE FUTURE THROUGH LEARNING INNOVATION!, VOL IV, pp. 351-354, 2014 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000357200600055">https://www.webofscience.com/wos/woscc/full-record/WOS:000357200600055</a>	
27.	5	Ionesi, SD, <b>Ciobanu, L.</b> , Dulgheriu, I., E-LEARNING APPLICATION FOR A BETTER UNDERSTANDING OF SHOES 3D MODELING, 10th International Scientific Conference on eLearning and Software for Education, LET'S BUILD THE FUTURE THROUGH LEARNING INNOVATION!, VOL IV, pp. 355-358, 2014 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000357200600056">https://www.webofscience.com/wos/woscc/full-record/WOS:000357200600056</a>	
28.	8.33	Ionesi, SD, <b>Ciobanu, L.</b> , Ursache, M., INTERACTIVE APPLICATION FOR THE SIMULATION OF NEEDLE TRAJECTORY IN A KNITTING SYSTEM, QUALITY AND EFFICIENCY IN E-LEARNING, VOL 3, in eLearning and Software for Education, editor Roceanu, I., Logofătu, B., Stănescu, M., Blaga, M., pp 446-451, Published: 2013 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000328100900074">https://www.webofscience.com/wos/woscc/full-record/WOS:000328100900074</a>	
29.	6.25	Marin, E., Bărbuță, M., <b>Ciobanu, L.</b> , Cioară, I., Practical issues related to the processing of fibre reinforced concrete made with recycled materials, 4 <sup>th</sup> Geoconference SGEM, 2014, June, 17-26, Albena, Bulgaria <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000371090000025">https://www.webofscience.com/wos/woscc/full-record/WOS:000371090000025</a>	
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30.	6.25	Ciobanu, AR, Fangueiro, R, <b>Ciobanu, L</b> , Budulan, C, SPECIFIC MECHANICAL PROPERTIES FOR COMPOSITE KNITTED REINFORCEMENTS WITH NATURAL FIBERS, MODTECH 2012: NEW FACE OF T M C R, VOLS I AND II, International Conference ModTech Proceedings, editori Nedelcu, D, Slatineanu, L, Mazuru, S, Milosevic, O, pp. 201-204, 2012 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000392261800051">https://www.webofscience.com/wos/woscc/full-record/WOS:000392261800051</a>	
31.	6.25	Ionesi, SD, Fangueiro, R, <b>Ciobanu, L</b> , Budulan, C, PRACTICAL ASPECTS REGARDING THE PRODUCTION OF COMPOSITE MATERIALS WITH 3D TEXTILE REINFORCEMENTS, MODTECH 2012: NEW FACE OF T M C R, VOLS I AND II, International Conference ModTech Proceedings, editori Nedelcu, D, Slatineanu, L, Mazuru, S, Milosevic, O, pp. 477-480, 2012 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000392261800120">https://www.webofscience.com/wos/woscc/full-record/WOS:000392261800120</a>	
32.	6,25	Abramiuc, D, Cerempei, A, Muresan, E, <b>Ciobanu, L</b> . – Development of new materials with aroma and therapeutical characteristics, Proceedings of the 7 <sup>th</sup> International Conference on Management of Technological Changes, Book 2, September, 1-3, Alexandropoulos, Grecia, 2011, pp 1-5, ISBN 978-960-99486-3-0 <a href="https://1610q7rxr-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000306940000001">https://1610q7rxr-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000306940000001</a>	
33.	5	Abramiuc, D, Muresan, R, Dunca, S, <b>Ciobanu, L</b> , Muresan, A – New changes and opportunities created by the development of cotton materials with natural biological active compounds, Proceedings of the 7 <sup>th</sup> International Conference on Management of Technological Changes, Book 2, September, 1-3, Alexandropoulos, Grecia, 2011, pp 5-8, ISBN 978-960-99486-3-0 <a href="https://1610q7rxr-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000306940000002">https://1610q7rxr-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000306940000002</a>	
34.	12.5	Comandar, C, <b>Ciobanu, L</b> , RIB AND PURL KNITTED FABRICS WITH TRANSFERRED STITCH PATTERNS, ITC&DC: 4TH INTERNATIONAL TEXTILE CLOTHING & DESIGN CONFERENCE, BOOK OF PROCEEDINGS, MAGIC WORLD OF TEXTILES, Edited by Dragcevic, Z, pp. 948-952, 2008 <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000262707700167">https://www.webofscience.com/wos/woscc/full-record/WOS:000262707700167</a>	
<b>TOTAL</b>	<b>300,17</b>		

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

Nr crt	Rezultate (punctaje)	Articol
<b>De la ultima promovare</b>		
<b>1.</b>	<b>3.75</b>	Adrian VÎLCU, Luminița CIOBANU, Cristian BACIU, Raluca DRĂGOI, ANALYSIS AND VALUE ENGINEERING APPLIED TO SMART TEXTILES - DIABETIC SOCK WITH TEMPERATURE AND HUMIDITY MONITORING MODULE, February 2025, DOI:

		10.2478/9788367405829-066, In book: The 19th Romanian Textiles and Leather Conference, DOI: <a href="https://doi.org/10.2478/9788367405829-021">https://doi.org/10.2478/9788367405829-021</a> , <a href="https://sciendo.com/pl/chapter/9788367405829/10.2478/9788367405829-021">https://sciendo.com/pl/chapter/9788367405829/10.2478/9788367405829-021</a>
2.	5	<b>Ciobanu, L.</b> , Ionesi, SD, Alexa, A, A New Approach to Virtual Learning of Smart Textiles: The Hacktex Methodology, February 2025, DOI: 10.2478/9788367405829-066, In book: The 19th Romanian Textiles and Leather Conference
3.	3	Ionesi, SD, <b>Ciobanu, L.</b> , Dulgheriu, I, Ursache, M, Medeiros, I., DESIGN OF TEXTILE REINFORCED COMPOSITES BASED ON IMPACT BEHAVIOUR, Proceedings of the 18 <sup>th</sup> Romanian Textile and Leather Conference, Iasi, Nov. 2022, ISBN978-83-67405-13-3, publicat 2023, DOI: 10.2478/9788367405133-006, <a href="https://sciendo.com/pl/chapter/9788367405133/10.2478/9788367405133-006">https://sciendo.com/pl/chapter/9788367405133/10.2478/9788367405133-006</a>
4.	5	<b>Ciobanu, L.</b> , Ionesi, SD, Ursache, M., Using Databases with Success Stories as an Instrument in Engineering Education – The Case of Wintex Project, Proceedings of 7th International Symposium "Technical Textiles - Present and Future" TTPF, Iasi 2021, publicat 2022, DOI: <a href="https://doi.org/10.2478/9788366675735-039">https://doi.org/10.2478/9788366675735-039</a> <a href="https://ttpf.ro/index.php/ttpf-2021-november-12th-2021/">https://ttpf.ro/index.php/ttpf-2021-november-12th-2021/</a>
5.	5	<b>Ciobanu, L.</b> , Ursache, M., Ionesi, SD, Need Analysis of the Current Situation of Higher Education for the Smart Textiles Sector, Proceedings of the 18 <sup>th</sup> Romanian Textile and Leather Conference, Iasi, Nov. 2022, ISBN978-83-67405-13-3, 2023, DOI: <a href="https://doi.org/10.2478/9788367405133-068">https://doi.org/10.2478/9788367405133-068</a> <a href="https://sciendo.com/pl/chapter/9788367405133/10.2478/9788367405133-068">https://sciendo.com/pl/chapter/9788367405133/10.2478/9788367405133-068</a>
6.	3.75	Ionesi, SD, <b>Ciobanu, L.</b> , Ursache, M., Dulgheiu, I., VIRTUAL REPRESENTATION OF THE KNITTING PROCESS, Conference Proceedings eLearning and Software for Education Conference, pp. 146 – 153, 2021 17th International Scientific Conference on eLearning and Software for Education, eLSE 2021 Bucharest, ISSN 2066026X, DOI 10.12753/2066-026X-21-159 (SCOPUS) <a href="https://161097rye-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85127254698&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=bdd963a670784d4c12599adc417b31c9&amp;sot=b&amp;sdt=b&amp;s=AUTHOR-NAME%28Ciobanu+Luminita%29&amp;sl=29&amp;sessionSearchId=bdd963a670784d4c12599adc417b31c9v">https://161097rye-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85127254698&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=bdd963a670784d4c12599adc417b31c9&amp;sot=b&amp;sdt=b&amp;s=AUTHOR-NAME%28Ciobanu+Luminita%29&amp;sl=29&amp;sessionSearchId=bdd963a670784d4c12599adc417b31c9v</a>
7.	1.67	Toghchi M.J., Loghin C., Campagne C., Cristian I., Bruniaux P., <b>Ciobanu L.</b> , Cayla A., Chen Y., Wang L., Thermal resistance and water vapor permeability of compound woven fabrics containing silver multifilament, (2019) IOP Conference Series: Materials Science and Engineering, 572 (1), art. no. 012045, DOI: 10.1088/1757-899X/572/1/012045 <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070629263&amp;doi=10.1088%2f1757-899X%2f572%2f1%2f012045&amp;partnerID=40&amp;md5=eab9b4e006e4d130b6998e66266540bc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070629263&amp;doi=10.1088%2f1757-899X%2f572%2f1%2f012045&amp;partnerID=40&amp;md5=eab9b4e006e4d130b6998e66266540bc</a>
8.	3	Ionesi, SD, <b>Ciobanu, L.</b> , Avadanei, M, Ursache, M, Loghin, EC, Interactive Application for Knitted Structures Based on 3D Printed Macromodels, 15 <sup>th</sup> International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces, Bucharest, ROMANIA, 11-12, April, 2019, editori Roceanu I et al., DOI:10.12753/2066-026X-19-195, 2019 (Proquest, CEEOL)

		<a href="https://www.proquest.com/openview/cf011340f7bdb6dfb07ab129df3b278d/1?pq-origsite=gscholar&amp;cbl=1876338">https://www.proquest.com/openview/cf011340f7bdb6dfb07ab129df3b278d/1?pq-origsite=gscholar&amp;cbl=1876338</a> <a href="https://www.ceeol.com/search/article-detail?id=783330">https://www.ceeol.com/search/article-detail?id=783330</a>
9.	2.14	Ursache, M, Loghin, EC, Avadanei, M, Ionesi, SD, Rusu, B, Dan, D, <b>Ciobanu, L</b> , THE USE OF MASSIVE OPEN ONLINE COURSES (MOOCS) IN TEXTILE EDUCATION, ELEARNING VISION 2020!, VOL III, Book Series eLearning and Software for Education, editori Roceanu I et al., pp. 532-535, DOI10.12753/2066-026X-16-256, 2016 (Proquest, CEEOL) <a href="https://www.ceeol.com/search/article-detail?id=524002">https://www.ceeol.com/search/article-detail?id=524002</a> <a href="https://www.proquest.com/openview/82fb483761b266a37ea6ee63ee5bf743/1?pq-origsite=gscholar&amp;cbl=1876338">https://www.proquest.com/openview/82fb483761b266a37ea6ee63ee5bf743/1?pq-origsite=gscholar&amp;cbl=1876338</a>
10.	5	Ionesi, S.D., <b>Ciobanu, L.</b> , Sârghie, B., E-learning application for a better understanding of shoes 3D modeling, 10 <sup>th</sup> International Scientific Conference ELSE, Bucharest, 2014, April, 24-25 (EBSCO) <a href="https://web.s.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=2066026X&amp;AN=96259269&amp;h=mXly%2fQsid19U%2bnHer8%2b1nlwwflpdE2RSRPBbGutGH6vEq%2fij8KKHeKxzjJFQkjCrJm3Si%2fSrJ01Z6V2U69wLw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d2066026X%26AN%3d96259269">https://web.s.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=2066026X&amp;AN=96259269&amp;h=mXly%2fQsid19U%2bnHer8%2b1nlwwflpdE2RSRPBbGutGH6vEq%2fij8KKHeKxzjJFQkjCrJm3Si%2fSrJ01Z6V2U69wLw%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d2066026X%26AN%3d96259269</a>
11.	3.75	<b>Ciobanu, L.</b> , Ionesi, SD, Loghin, EC, Dulgheriu, I., Studiu practic privind prelucrabilitatea firelor de înaltă performanță, conferință AGIR, București, 2015 (indexată în Index Copernicus International, Academic Keys, getCITED) <a href="https://www.buletinulagir.agir.ro/articol.php?id=2452">https://www.buletinulagir.agir.ro/articol.php?id=2452</a>
12.	5	Ionesi, S.D., <b>Ciobanu, L.</b> , Dulgheriu, I., E-learning instruments used to simulate the mechanisms of a sewing machine, the 10th International Scientific Conference ELSE, Bucharest, 2014, April, 24-25 (EBSCO) <a href="https://web.p.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=2066026X&amp;AN=96259268&amp;h=cJ7joz94fx1s9nz5qONPpxWGetyXaExQC6lpsn7PsiAMfWB%2bcGzZ2XtPSkwJgFbzMRCBcOk%2fKn4DFcna%2fQ5MA%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d2066026X%26AN%3d96259268">https://web.p.ebscohost.com/abstract?direct=true&amp;profile=ehost&amp;scope=site&amp;authtype=crawler&amp;jrnl=2066026X&amp;AN=96259268&amp;h=cJ7joz94fx1s9nz5qONPpxWGetyXaExQC6lpsn7PsiAMfWB%2bcGzZ2XtPSkwJgFbzMRCBcOk%2fKn4DFcna%2fQ5MA%3d%3d&amp;crl=c&amp;resultNs=AdminWebAuth&amp;resultLocal=ErrCrlNotAuth&amp;crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d2066026X%26AN%3d96259268</a>
<b>Până la ultima promovare</b>		
13.	3.75	Ionesi, D., Dumitraș, C., <b>Ciobanu L.</b> , Vîrcan A., Dezvoltarea materialelor compozite avansate cu preforme tridimensionale tricotate, Simpozion AGIR, București, Buletinul AGIR, Progresul tehnologic – Rezultat al cercetari editia a 7-a, pp. 110-114, 2012 (indexată în Index Copernicus International, Academic Keys, getCITED) <a href="https://www.agir.ro/buletine/1629.pdf">https://www.agir.ro/buletine/1629.pdf</a>
14.	7.5	<b>Ciobanu, L.</b> , Preda, C. – Materiale textile inteligente, Revista Textila, 55, 1/2004, p. 43-46 (indexat Scopus) <a href="https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%28Materiale+textile+inteligente%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10">https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%28Materiale+textile+inteligente%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10</a>
15.	5	Penciu, M., Dan, D., <b>Ciobanu, L.</b> – Caracterizarea constructiva si tehnologica a buzunarelor introduse, Revista Romana



		de Textile Pielarie, 3/2003, p. 89-99, ISSN 1453-5424 (indexat Scopus) <a href="https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%28Caracterizarea+constructiva+si+tehnologica+a+buzunarelor+introduce%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10">https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%28Caracterizarea+constructiva+si+tehnologica+a+buzunarelor+introduce%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10</a>
16.	3.75	<b>Ciobanu L.</b> , de Araujo, M., Fangueiro, R., Hong, H. – Studii privind utilizarea fibrei de sticlă la producerea tricoturilor din bătătură, Revista Romana de Textile Pielarie, 2/2003, ISSN 1453-5424 (indexat Scopus) <a href="https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%28Studii+privind+utilizarea+fibre+de+sticl%C4%83+la+producerea+tricoturilor+din+b%C4%83t%C4%83tur%C4%83%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10">https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%28Studii+privind+utilizarea+fibre+de+sticl%C4%83+la+producerea+tricoturilor+din+b%C4%83t%C4%83tur%C4%83%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10</a>
17.	3	de Araújo, M., Moschatou, A., <b>Ciobanu, L.</b> , Hong, H, Fangueiro, R. – 3D hollow braided preforms for advanced composite material, Revista Romana de Textile Pielarie, 2/2002, ISSN 1453-5424 (indexat Scopus) <a href="https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%283D+hollow+braided+preforms+for+advanced+composite+material%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10">https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/results/results.uri?sort=plf-f&amp;src=s&amp;st1=3D+hollow+braided+preforms+for+advanced+composite+material&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;sl=73&amp;s=TITLE-ABS-KEY%283D+hollow+braided+preforms+for+advanced+composite+material%29&amp;origin=searchbasic&amp;editSaveSearch=&amp;yearFrom=Before+1960&amp;yearTo=Present&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2&amp;limit=10</a>
18.	2.1	Costa, A.N, Novo, C., Marques, AT, de Araujo, MD, Fangueiro, R., Hong, H., <b>Ciobanu, L.</b> – Structural composite parts production from textile preforms, Advanced Materials Forum I: Proceedings of the 1 <sup>st</sup> International Materials Symposium, Coimbra, 2001 (indexat Scopus) <a href="https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-17144448418&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;s=TITLE-ABS-KEY%28Structural+composite+parts+production+from+textile+preforms%29&amp;sl=73&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2">https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-17144448418&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;s=TITLE-ABS-KEY%28Structural+composite+parts+production+from+textile+preforms%29&amp;sl=73&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2</a>
19.	3.75	Araújo, M.D, <b>Ciobanu, L.</b> , Hu Hong, Fangueiro, R. - Tricoturi 3D cu forme complexe, Revista Română de Textile-Pielărie, 2/2001, pp. 47-52, ISSN 1453-5424 (indexat Scopus) <a href="https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-0035758763&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;s=TITLE-ABS-KEY%28Tricoturi+3D+cu+forme++complexe%29&amp;sl=73&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2">https://161097ryi-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-0035758763&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=d7af41d207dcdeafc28b4088f17c95d2&amp;sot=b&amp;sdt=b&amp;s=TITLE-ABS-KEY%28Tricoturi+3D+cu+forme++complexe%29&amp;sl=73&amp;sessionSearchId=d7af41d207dcdeafc28b4088f17c95d2</a>



TOTAL	74,91	
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### 2.3. Articole în extenso în reviste/volumele unor manifestări științifice naționale/ internaționale neindexate

Nr crt	Rezultate (punctaje)	Titlul lucrării
1.	0.57	<b>Ciobanu, L.</b> , Ionesi, SD, Ursache, M., Piroi, C., Ciernei, F., Alaci, S. and Dulucheanu, C., Experimental research regarding the impact behaviour of composites reinforced with knitted fabrics and glass fibre, 17 <sup>th</sup> Romanian Textiles and Leather Conference – CORTEP 2018, Iasi, 7-9 November 2018 <a href="https://www.cortep.tuiasi.ro/cortep2018/doc/Final_program_CORTEP_2018.pdf">https://www.cortep.tuiasi.ro/cortep2018/doc/Final_program_CORTEP_2018.pdf</a>
2.	0.8	Savin Dorin IONESI, <b>Luminita CIOBANU</b> , Mariana URSACHE, Ionut DULGHERIU and Emil Constantin LOGHIN. The influence of warp yarns on impact behavior of weft knitted fabrics reinforced composites, 17th Romanian Textiles and Leather Conference – CORTEP 2018, Iasi, 7-9 November 2018 <a href="https://www.cortep.tuiasi.ro/cortep2018/doc/Final_program_CORTEP_2018.pdf">https://www.cortep.tuiasi.ro/cortep2018/doc/Final_program_CORTEP_2018.pdf</a>
3.	1.33	<b>Ciobanu, L.</b> , Cristian I., Ionesi, D., Investigation regarding the influence of the fabric characteristics on VARTM efficiency for textile composites, Proceedings of CORTEP 2016 (Volume of Abstracts), Iasi, November, 27-28 <a href="https://www.cortep.tuiasi.ro/cortep2016/doc/Accepted_papers.pdf">https://www.cortep.tuiasi.ro/cortep2016/doc/Accepted_papers.pdf</a>
4.	1.33	<b>Ciobanu, L.</b> , Ionesi, SD, Loghin, EC, COMPARATIVE STUDY REGARDING THE STITCH LENGTH OF WEFT KNITTED FABRICS, AUTEX 2015, Bucharest, June, 10-12 (mapa de lucrari)
5.	2	<b>Ciobanu, L.</b> , Crețu, M., Development of 3D Knitted Garments, CORTEP 2014, Poiana Brașov, 4-6 Septembrie <a href="https://www.cortep.tuiasi.ro/cortep2014/doc/Accepted_papers.pdf">https://www.cortep.tuiasi.ro/cortep2014/doc/Accepted_papers.pdf</a>
6.	2	<b>Ciobanu, L.</b> , Ionesi, SD, Interactive application for the simulation of the sewing machine mechanisms, CORTEP 2014, Poiana Brașov, 4-6 Septembrie <a href="https://www.cortep.tuiasi.ro/cortep2014/doc/Accepted_papers.pdf">https://www.cortep.tuiasi.ro/cortep2014/doc/Accepted_papers.pdf</a>
7.	1.33	Marin, E., Cioara, I, <b>Ciobanu, L.</b> , STUDY REGARDING THE MECHANICAL BEHAVIOUR OF HIGH PERFORMANCE FIBRES, ISKA, Iași, June, 21-23, 2013 <a href="http://www.tex.tuiasi.ro/teste/iska2013/downloads/Registered_papers.pdf?option=com_content&amp;view=article&amp;id=142&amp;Itemid=122&amp;lang=ro">http://www.tex.tuiasi.ro/teste/iska2013/downloads/Registered_papers.pdf?option=com_content&amp;view=article&amp;id=142&amp;Itemid=122&amp;lang=ro</a>
8.	1	Marin, E., Bărbuță, M., <b>Ciobanu, L.</b> , Cioară, I., Practical aspects related to the testing of FRC, Technical Textiles. Present and Future Symposium, Iași, 2013 <a href="https://tptf.ro/wp-content/uploads/2019/07/abstractsTT-2013-.pdf">https://tptf.ro/wp-content/uploads/2019/07/abstractsTT-2013-.pdf</a>
9.	1.33	Ciobanu, R., Figueiro, R., <b>Ciobanu, L.</b> - <i>Tensile Properties of Weft Knitted Sandwich Fabrics with Natural Fibres</i> , the 46 <sup>th</sup> IFKT Conference 2012, Sinaia, Book of Abstracts ISBN 978-973-730-962-4 (paper on CD) <a href="https://www.cortep.tuiasi.ro/cortep2012/doc/final_program.pdf">https://www.cortep.tuiasi.ro/cortep2012/doc/final_program.pdf</a>
10.	0.8	Ionesi, SD, Figueiro, R., <b>Ciobanu, L.</b> , Vîrcan, A., Budulan, C., <i>Shape Modelling of 3D Knitted Fabrics</i> , the 46 <sup>th</sup> IFKT

		Conference, 6-8 September, 2012, Sinaia, Book of Abstracts ISBN 978-973-730-962-4 (paper on CD) <a href="https://www.cortep.tuiasi.ro/cortep2012/doc/final_program.pdf">https://www.cortep.tuiasi.ro/cortep2012/doc/final_program.pdf</a>
11.	1	Marin, E., Cioara, I., Trifan, G., <b>Ciobanu, L.</b> , <i>Mechanical Behaviour of reinforcement geotextiles made of warp knitted fabrics</i> , the CORTEP Conference, 6-8 September, 2012, Sinaia, Book of Abstracts ISBN 978-973-730-962-4 (paper on CD) <a href="https://www.cortep.tuiasi.ro/cortep2012/doc/accepted_papers.pdf">https://www.cortep.tuiasi.ro/cortep2012/doc/accepted_papers.pdf</a>
12.	1	Marin, E., Barbuta, M., Cioara, I., <b>Ciobanu, L.</b> , <i>Production of textile reinforced concrete</i> , CORTEP Conference, 6-8 September, 2012, 2012, Sinaia, Book of Abstracts ISBN 978-973-730-962-4 (paper on CD) <a href="https://www.cortep.tuiasi.ro/cortep2012/doc/accepted_papers.pdf">https://www.cortep.tuiasi.ro/cortep2012/doc/accepted_papers.pdf</a>
13.	0.85	Iorgoiaie (Guignard) M., Giraud, S, Campagne, C., Koehl, L., Ciocoiu, M., <b>Ciobanu, L.</b> , Broasca (Asavei), G., Knitted Structures with 3D Surface geometry for Cosmetotextiles, Buletinul IPI, tomul LVII (LXI), Fasc. 3, Sectiunea Textile. Pielarie, 2011, pp. 39-48, ISSN 1582-6392 (mapă de lucrări)
14.	0.67	Loghiu, C., Cianga, L., <b>Ciobanu, L.</b> , Cianga, I., Yagci, Y. Nicolaiov, P. – <i>Textile Composites Based on Conductive Polymers</i> , BIPI, Secția Textile.Pielărie, tomul LVI (LX), fasc. 3, pp. 57-66 (mapă de lucrări)
15.	1.33	<b>Ciobanu, L.</b> , Dumitras, C., Loghin, C. - <i>3D surface controlled structures for fluid flow improvement</i> , conferinta AUTEX 2009, Books of Abstracts, pp. 455-456, (lucrare pe CD), ISBN 978-975-483-787-2 (mapă de lucrări)
16.	2	Cretu, M., <b>Ciobanu, L.</b> - <i>Geometrical design algorithm for knitted skirts</i> , conferința AUTEX 2009, Books of Abstracts, pp. 453-454, (lucrare pe CD), ISBN 978-975-483-787-2 (mapă de lucrări)
17.	0.8	Cerempei, A, <b>Ciobanu, L.</b> , Butnaru, R, Muresan, R, Muresan, A, SUPTURI TEXTILE UTILIZATE PENTRU OBTINEREA DE MATEARIALE CU PROPRIETĂȚI AROMOTERAPEUTICE, Textilele Viitorului, Simpozionul anual al specialistilor din industria de tricotaje-confecții, Iasi, 2009 (mapă de lucrări)
18.	6	<b>Ciobanu, L.</b> – Comparative Study Regarding the Extensibility of Weft Knitted Fabrics, Buletinul IPI, tomul LIV (LVIII), Fasc. 3-4, Sectiunea Textile. Pielarie, 2008, p. 31-39, ISSN 1582-6392 (mapă de lucrări)
19.	1.33	Crețu, M., <b>Ciobanu, L.</b> – Developments of 3D knitted head items, Revista Romana de Textile-Pielarie, 4/2008, pp. 44-48, ISSN 1453-5424 (mapă de lucrări)
20.	2	<b>Ciobanu, L.</b> , Macovei, L., Ciocoiu, M. – Proprietati de comfort ale tricoturilor medicale, Revista Romana de Textile-Pielarie, 2/2008, pp. 65-76, ISSN 1453-5424 (mapă de lucrări)
21.	1.5	<b>Ciobanu, L.</b> , Macovei, L., Ciocoiu, M., Ene, A. – Tricoturi din batatura pentru bandaje, Revista Romana de Textile-Pielarie, 1/2008, pp. 61- 64, ISSN 1453-5424 (mapă de lucrări)
22.	1.33	<b>Ciobanu, L.</b> , Macovei, L., Ciocoiu, M. – <i>Comfort Properties Of Knitted Fabrics For Medical Use</i> , 6 <sup>th</sup> International Conference, TEXSCI 2007, June, 5-7, Liberec, Czech Republik, ISBN 978-80-7372-207-4 (mapă de lucrări)
23.	0.66	<b>Ciobanu, L.</b> , Loghin, C., Nicolaiov, P., Hoblea, Z. Hoblea, N., Ionescu, I. – <i>Intelligent Textiles for Protective Clothing</i> , 6 <sup>th</sup> International Conference, TEXSCI 2007, June, 5-7, Liberec, Czech Republik, ISBN 978-80-7372-207-4 (mapă de lucrări)
24.	3	<b>Ciobanu, L.</b> , Comandar, C. – Dimensional Modifications of Knitted Fabrics During Dry Relaxation, Buletinul IPI, tomul LVII (LVII), Fasc. 1-4, Sectiunea Textile. Pielarie, 2007, pp. 49-53, ISSN 1582-6392 (mapă de lucrări)

25.	1.5	<b>Ciobanu, L.</b> , Macovei, L., Ene, A., Ciocoiu, M., <i>Weft Knitted Fabrics for Bandages</i> , Buletinul IPI, tomul LIII, Fasc. 5, Sectia Textile. Pielarie, volume I, 2007, pp. 177- 182, ISSN 1582-6392 (mapă de lucrări)
26.	3	Comandar, C., <b>Ciobanu, L.</b> – <i>Welt Structures for Knitted Fabrics Produced on Flat Machines for Garments</i> , Buletinul IPI, tomul LIII, Fasc. 5, Sectia Textile. Pielarie, volume I, 2007, pp. 147- 152, ISSN 1582-6392 (mapă de lucrări)
27.	3	<b>Ciobanu, L.</b> , Comandar, C. – <i>Weft Knitted Fabrics with Fleece Evolutions</i> , Buletinul IPI, tomul LII (LVI), Fasc. 1-2, Sectiunea Textile Pielarie, 2006, pp. 63-68, ISSN 1582-6392 (mapă de lucrări)
28.	6	<b>Ciobanu, L.</b> – <i>Optimisation of the weft knitting process using glass fibre</i> , Acta Universitatis Cibiniensis, Analele Universității Lucian Blaga, Sibiu, vol. LIII, Technical Series, pp. 134-139, 2006, ISSN 1583-7149 (mapă de lucrări)
29.	2	<b>Ciobanu, L.</b> , Comandar, C., Tricoturi din urzeală cu aplicații tehnice, Simpozionul anual al specialiștilor din industria de tricotaje confecții, 27-28 octombrie 2006, Ed. Performantica, pp. 31-36, ISBN 973-730-271-0 (mapă de lucrări)
30.	1.33	Comandar, C., <b>Ciobanu, L.</b> , Hristian, L., Implementarea tehnologiei de tricotare a microfibrelelor pe mașini rectilinii de tricotat, Simpozionul anual al specialiștilor din industria de tricotaje confecții, 27-28 octombrie 2006, Ed. Performantica, pp. 25-30, ISBN 973-730-271-0 (mapă de lucrări)
31.	3	<b>Ciobanu, L.</b> , Comandar, C., Tricoturi 3D cu forme complexe, Revista Romana de Textile-Pielarie, 2/2005, pp. 43-52
32.	2	Dan. D., <b>Ciobanu, L.</b> – Profesia de inginer industrial, in ‘Prezent si viitor in industria textila’, PER-TEX, 2005, 10-12 November, pp. 640-645, ISBN 973-730-120-X, Iasi (mapă de lucrări)
33.	1	Araújo, M.D, <b>Ciobanu, L.</b> , Hu Hong, Fanguero, R. - Optimisation of the Weft Knitting Process Using Glass Fibre, vol. Simpozion “Optimizarea proceselor tehnologice – premisa a creșterii calității produselor textile”, mai 2002 (mapă de lucrări)
34.	4	<b>Ciobanu, L.</b> – <i>Developments on Knitted Sandwich Fabrics with Complex Shapes</i> , TECHNITEX 2001, AUTEX, “Technical Textiles: Designing Textiles for Technical Applications”, vol. I, editor Araujo, M.D., Portugal, 2001, ISBN 972-98468-3-9, pp. 270-276 <a href="https://www.tib.eu/en/search/id/tema:TEMA20021104136/Developments-on-knitted-sandwich-fabrics-with-complex?cHash=a8dc24571996bfd9680cfe18318de90">https://www.tib.eu/en/search/id/tema:TEMA20021104136/Developments-on-knitted-sandwich-fabrics-with-complex?cHash=a8dc24571996bfd9680cfe18318de90</a>
35.	4	<b>Ciobanu, L.</b> – SANDTEX – <i>New Knitted Structures for Composite Materials</i> , TECHNITEX 2001, AUTEX, “Technical Textiles: Designing Textiles for Technical Applications”, vol. I, editor Araujo, M.D., Portugal, 2001, ISBN 972-98468-3-9, pg. 485-489 <a href="https://www.tib.eu/en/search/id/tema:TEMA20021104219/SANDTEX-developments-on-knitted-sandwich-fabrics?cHash=586a13dda024a3eaa65e326450a8fe7e">https://www.tib.eu/en/search/id/tema:TEMA20021104219/SANDTEX-developments-on-knitted-sandwich-fabrics?cHash=586a13dda024a3eaa65e326450a8fe7e</a>
<b>TOTAL</b>	<b>66,79</b>	

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

Nr crt	Subcategorii	Rezultate (punctaje)	Titlul Brevetului
1	National	6.67	Loghiu, C., <b>Ciobanu, L.</b> , Dumitras, C., Structură textilă compozită modulară pentru îmbrăcăminte de protecție împotriva vântului, brevet nr. 125458, 2011, acordat de OSIM <a href="http://pub.osim.ro/publication-server/pdf-document?PN=RO125458%20RO%20125458&amp;iDocId=2379&amp;iepatch=.pdf">http://pub.osim.ro/publication-server/pdf-document?PN=RO125458%20RO%20125458&amp;iDocId=2379&amp;iepatch=.pdf</a>
2	National	10	<b>Ciobanu, L.</b> , Loghin, C. - Tricot din bătătură ranforsat pe direcții preferențiale, brevet nr. 125459, 2011, acordat de OSIM <a href="http://pub.osim.ro/publication-server/pdf-document?PN=RO125459%20RO%20125459&amp;iDocId=2380&amp;iepatch=.pdf">http://pub.osim.ro/publication-server/pdf-document?PN=RO125459%20RO%20125459&amp;iDocId=2380&amp;iepatch=.pdf</a>
3	National	5	<b>Ciobanu, L.</b> , Crețu, M., Ciobanu, AR, Ionesi, SD., Produs de îmbrăcăminte ortopedic din tricot pentru imobilizarea membrelor superioare, brevet RO 127371, 2016, acordat de OSIM <a href="http://pub.osim.ro/publication-server/pdf-document?PN=RO127371%20RO%20127371&amp;iDocId=8615&amp;iepatch=.pdf">http://pub.osim.ro/publication-server/pdf-document?PN=RO127371%20RO%20127371&amp;iDocId=8615&amp;iepatch=.pdf</a>
TOTAL		21.67	

## 2.5. Granturi proiecte castigate prin competiție

### 2.5.1. Director/ Responsabil

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului	Valoare RON	Valoare Euro
1	National	12,1	Contract nr. 83/21.07.2025, Dezvoltarea de materiale textile tricotat pentru decorațiuni interioare, perioada de implementare 1.08.2025/31.01.2026, beneficiar SC BUILDERS TEAM SRL - director	61710	12216 (1 euro = 5.0516 RON)
2	National	142.7	<b>PNII ID 376/2007</b> Tricoturi cu structuri inovative caracterizate prin dispunerea 3D a ochiurilor, generată de starea specifică de tensiune – <b>director (D)</b> perioada de implementare 10.2007 – 09.2010, director 2008 - 2010	481571	142683 (3,3751 Ron/euro*)
TOTAL		154,8			

\* Curs inforeuro pentru luna semnării contractului, octombrie 2007

### 2.5.2. Membru în echipă

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului	Durata (ani)
1.	International	10	Texteis Tecnicos IMIT Medidas Voluntaristas, nr. 02/00041, Universitatea Minho,	2.5

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului	Durata (ani)
			Portugalia (2000/2002)	
2.	National	6	<b>PNC DI II 81050/2007 SIR</b> Structuri textile compozite pentru sisteme de protectie impotriva radiatiilor electromagnetice – SIR (2007/2010)	3
3.	National	6	<b>CEEX 105/2006</b> EPIntel Fundamentarea sinergiei dirijate a nano-/microcomponentelor integrate în materiale textile compozite, în scopul asigurării unor funcții inteligente ale echipamentelor de protecție pentru medii agresive (2006/2008)	3
4.	National	4	<b>CEEX 15/2005 HIGHTEX</b> Dispozitive medicale invazive si neinvazive din materiale textile high-tech (2006/2007)	2
5.	National	6	<b>PN II Parteneriat 72-178/2008</b> Sisteme mecatronice inteligente pentru echipamente textile (2009-2011)	3
6.	National	3	Centrul pentru cercetare – inovare în domeniul textilelor și al industriei modei - SMART-Tex-IS, cod 334492, (Programul Regional Nord-Est 2021-2027) – coordonator programe științifice și de cercetare (2025-2028)	1
<b>TOTAL</b>		<b>35</b>		

## 2.6. Coordonare/dezvoltare laborator/centru cercetare

Nr crt	Subcateg.	Rezultate (punctaje)	Titlul proiectului
1	National	40	Coordonator programe științifice și de cercetare pentru Centrul de cercetare-inovare SMART-Tex-IS (începând cu 2025)
		40	

<b>Condiții minimele A2</b>	<b>Punctaj candidat</b>	<b>Criteriu îndeplinit</b>
<b>Minim 300 puncte</b>	<b>691,81</b>	

## Recunoașterea și impactul activității (A3)

### 3.1. Vizibilitate în baze de date internaționale

#### 3.1.1. Citări în articole indexate ISI

<https://www.webofscience.com/wos/woscc/citation-report/764ba992-9412-4f56-8933-ace1651da26f-9c98be50>

Lucre citată	NA	Citari	Punctaj
Ionesi, SD; <b>Ciobanu, L.</b> ; Dumitras, C.; Avadanei, M; Dulgheriu, I; Ionescu, I; Loghin, MC., FEM Analysis of Textile Reinforced Composite Materials Impact Behavior, MATERIALS, Volume14, Issue23, DOI10.3390/ma14237380, Published DEC 2021	7	7	10
CITATĂ DE: 1. Functionalization of two-layer laminates made of multilayer nonwovens and 3D knitted fabrics, Gorjanc, DS and Golja, B, Dec 2025 (Early Access), RESEARCH JOURNAL OF TEXTILE AND APPAREL 2. Numerical simulation of upper garment pieces-body under different ease allowances based on the finite element contact model, Li, T; Cen, KJ; (...); Wu, H, Sep 9 2025, AUTEX RESEARCH JOURNAL 25(1) 3. Exploring the Integration of Artificial Intelligence into Lean Six Sigma Methodologies: A Roadmap for Enhancing Manufacturing Efficiency and Quality, Casaneanu, NM; Miraute, LC; (...); Pislaru, M, 19th International Conference on Business Excellence (ICBE) - Leading Change in Disruptive Times, Jul 1 2025, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BUSINESS EXCELLENCE 19(1), pp.4130-4145 4. Modelling the Constitutive Behaviour of Recycled PET for the Manufacture of Woven Fabrics, Wei, HD; Lou, S; (...); Zhang, Y, Mar 2025, SUSTAINABILITY 17(5) 5. Magnetorheological shear thickening gel reinforced iron-nickel foam composites with tunable energy absorption performance, Li, YP; Qi, S; (...); Yu, M, Nov 2023, COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING 174 6. Meso-Scale Finite Element Model for Rib-Stiffened Composites with Biaxial Weft-Knitted Reinforcements, Pham, MQ; Bollengier, Q; (...); Gereke, T, 2023, JOURNAL OF COMPOSITES SCIENCE 7(5) 7. Theoretical modeling of low-velocity impact behavior of sandwich-structured composites reinforced with weft-knitted spacer fabric, Hasanalizade, F and Dabiryan, H, 2022, JOURNAL OF INDUSTRIAL TEXTILES 52			
Avadanei, M; Olaru, S; Ionescu, I; Ursache, M; <b>Ciobanu, L.</b> et al (11 autori), ICT new tools for a sustainable textile and clothing industry, INDUSTRIA TEXTILA, Volume71, Issue5, Page 504-512, DOI10.35530/IT.071.05.1811, Published 2020)	11	10	9.1
CITATĂ DE: 1. Teaching methods for building human capital for the twin transition: a skill-based approach, Trevisan, AH; Dukovska-Popovska, I; (...); Sassanelli, C, Jun 2026, TECHNOLOGY IN SOCIETY, 85 2. Skills for the twin transition in manufacturing: A systematic literature review, Trevisan, AH; Acerbi, F; (...); Sassanelli, C, 2024, JOURNAL OF CLEANER PRODUCTION, 474			

<ol style="list-style-type: none"> <li>3. Unleashing the role of skills and job profiles in circular manufacturing, Beducci, E; Acerbi, F; (...); Taisch, M, 2024, JOURNAL OF CLEANER PRODUCTION, 449</li> <li>4. Geometric developments in functional clothing, Avadanei, M; Rosca, M; (...); Chirila, L, 2024, INDUSTRIA TEXTILA, 75(1), pp.111-117</li> <li>5. Investigating the effects of Information and Communication Technology (ICT) on capital market uncertainty by considering its impact on the textile industry: a case study for Iran, Cheri, PR; Pourmansouri, R; (...); Iacob, AI, 2023, INDUSTRIA TEXTILA, 74(6), pp.667-687</li> <li>6. Digital solutions for bespoke apparel achieving mass customization in as service business models, Dimcea, I; Cozmiuc, DC; (...); Titu, AM, 2023, INDUSTRIA TEXTILA, 74(1), pp.107-120</li> <li>7. Merchandising for Sustainable Fashion: A Systematic Literature Review, Wu, B; Xie, XF; (...); Hong, Y, Oct 2022, SUSTAINABILITY, 14(20)</li> <li>8. A New Approach to Dynamic Anthropometry for the Ergonomic Design of a Fashionable Personalised Garment, Avadanei, ML; Olaru, S; (...); Ionescu, I, 2022, SUSTAINABILITY, 14(13)</li> <li>9. An empirical study regarding the environmental sustainability practices in the textile industry, Sardar, S; Mohsin, M; (...); Sharif, R, 2022, INDUSTRIA TEXTILA, 73(4), pp.384-396</li> <li>10. A digital-integrated solution for a customised 3D design process of garments, Avadanei, M; Curteza, A; (...); Loghin, EC, 2022, INDUSTRIA TEXTILA, 73(3), pp.333-338</li> </ol>			
<p>Popescu, V, Astanei, DG, Burlica, R, Popescu, A, Munteanu, C, Ciolacu, F, Ursache, M, <b>Ciobanu, L</b>, Cocean, A., Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics, JOURNAL OF CLEANER PRODUCTION, Volume 232, pp. 451-461, OI10.1016/j.jclepro.2019.05.281, 2019</p>	9	27	30
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<ol style="list-style-type: none"> <li>6. Sustainable azo dye synthesis from expired paracetamol: Structural characterization, computational insights, and textile application, Belowar, S; Shetu, FK; (...); Islam, S, Jan 2026, DYES AND PIGMENTS 244</li> <li>7. Colorful polyester with high-efficiency flame retardant and anti-dripping properties, Qiao, SJ; Shi, ZC; (...); Chen, FX, Oct 1 2025, CHEMICAL ENGINEERING JOURNAL 521</li> <li>8. A systematic review of natural colourants and trend forecasting practices for the textile and fashion industry, Titisari, B and Sinha, P, Dec 2025, COLORATION TECHNOLOGY 141(6), pp.801-827</li> <li>9. Eco-Friendly Extraction of Curcumin from Turmeric and Dyeability of Textile Fibers, Popescu, V; Alexandrescu, AD; (...); Vasilache, V, Jun 4 2025, FIBERS 13(6)</li> <li>10. Ecofriendly dyeing of silk fabric with yellow natural and synthetic dye, Tanveer, HA; Adeel, S; (...); Mia, R, Mar 2025, RESULTS IN ENGINEERING 25</li> <li>11. Eco-Friendly Extraction and Utilization of Agro Crop Wastes Based Natural Dye for Textile Dyeing, Amin, N; Fazal-ur-Rehman; (...); Mia, R, Mar 2025, ENERGY SCIENCE &amp; ENGINEERING 13(3), pp.1280-1291</li> <li>12. Insights into microwave-assisted stripping of reactive black 5: a comparative perspective, Younas, T; Tayyaba, N and Ali, S, Jan 2025, CELLULOSE 32(1), pp.629-640</li> <li>13. Eco-friendly utilization of microwaves for extraction of dye from logwood and its application onto silk, Naheed, S; Haider, S; (...); Imran, M, Dec 2024, RESULTS IN ENGINEERING 24</li> <li>14. Enhancing silk dyeing with eco-friendly colorant extracted from Cassia fistula brown pods using green mordants, Younis, M; Adeel, S; (...); Imran, M, Feb 2024, SUSTAINABLE CHEMISTRY AND PHARMACY 37</li> <li>15. A review on existing and emerging approaches for textile wastewater treatments: challenges and future perspectives, Kallawar, GA and Bhanvase, BA, Jan 2024, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 31(2), pp.1748-1789</li> <li>16. Eco-friendly microwave assisted sustainable coloration of silk and wool fabric with Acid Blue 07 dye, Adeel, S; Akram, H; (...); Ozomay, M, Jun 2023, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH 30(30), pp.74939-74951</li> <li>17. Impact of Cell Disintegration Techniques on Curcumin Recovery, Le-Tan, H and Jaeger, H, Dec 2022, FOOD ENGINEERING REVIEWS 14(4), pp.655-672</li> <li>18. A Systematic Literature Review for the Recycling and Reuse of Wasted Clothing, Xie, XF; Hong, Y; (...); Wagner, M, Dec 2021, SUSTAINABILITY 13(24)</li> <li>19. Fabrication of durable fluorescent and hydrophobic cotton fabrics by multiple surface modifications, Liu, HC; Yin, YL; (...); Qi, HS, Jan 2022, INDUSTRIAL CROPS AND PRODUCTS 175</li> <li>20. Sustainable Functionalization of PAN to Improve Tintorial Capacity, Popescu, V; Buciscanu, II; (...); Marin, M, Nov 2021, POLYMERS 13(21)</li> <li>21. Structural Coloration of Polyester Fabrics with High Colorfastness by Copolymer Photonic Crystals Containing Reactive Epoxy Groups, Liu, XH; Yan, P and Fang, YC, Oct 26 2021, ACS OMEGA 6(42), pp.28031-28037</li> </ol>			
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<p>Loghin, MC, Ciobanu, L., Ionesi, D., Loghin, E., Cristian, I., Introduction to waterproof and water repellent textiles, Waterproof and Water Repellent Textiles and Clothing, John Williams (Editor), The Textile Institute Book Series, Woodhead Publishing, pp. 3-24</p>	5	17	34.0
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<p>Ciobanu, A.R., <b>Ciobanu, L.</b>, Dumitras, C., Sârghie, B., Comparative Analysis of the Bursting Strength of Knitted Sandwich Fabrics, FTEE, 24, 2 (116), pp. 97-103, DOI: 10.5604/12303666.1191432, 2016</p>	4	7	17.5
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<p><b>Ciobanu, L.</b>, SANDTEX—developments on knitted sandwich fabrics with complex shapes, TECNITEX 2001, AUTEX, “Technical Textiles: Designing Textiles for Technical Applications”, vol. I, editor Araujo, M.D., Portugal, 2001, ISBN 972-98468-3-9</p> <p><a href="https://www.tib.eu/en/search/id/tema:TEMA20021104219/SANDTEX-developments-on-knitted-sandwich-fabrics?cHash=586a13dda024a3eaa65e326450a8fe7e">https://www.tib.eu/en/search/id/tema:TEMA20021104219/SANDTEX-developments-on-knitted-sandwich-fabrics?cHash=586a13dda024a3eaa65e326450a8fe7e</a></p>	1	8	80.0
<p>CITATĂ DE:</p> <ol style="list-style-type: none"> <li>1. Thermoset composites reinforced by innovative 3D spacer weft-knitted fabrics with different cross-section profiles: Materials and manufacturing process, Hassanzadeh, S; Hasani, H and Zarrebini, M, Dec 2016   COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING 91 , pp.65-76</li> <li>2. KNITTING TECHNOLOGIES AND TENSILE PROPERTIES OF A NOVEL CURVED FLAT-KNITTED THREE-DIMENSIONAL SPACER FABRICS, Li, XY; Jiang, GM; (...); Gao, Z, Sep 2015   AUTEX RESEARCH JOURNAL 15 (3) , pp.191-197</li> <li>3. Thermoplastic composite from innovative flat knitted 3D multi-layer spacer fabric using hybrid yarn and the study of 2D mechanical properties, Abounaim, M; Hoffmann, G; (...); Cherif, C, Feb 2010   COMPOSITES SCIENCE AND TECHNOLOGY 70 (2) , pp.363-370</li> <li>4. Development of flat knitted spacer fabrics for composites using hybrid yarns and investigation of two-dimensional mechanical properties, M Abounaim, G Hoffmann, O Diestel... - Textile Research Journal, 2009</li> <li>5. Flat-knitted innovative three-dimensional spacer fabrics: a competitive solution for lightweight composite</li> </ol>			

applications, MD Abounaim, C Cherif, Textile Research Journal, 2012			
6. Thermoplastic composites from curvilinear 3D multi-layer spacer fabrics, MD Abounaim, O Diestel..., JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, Volume29, Issue24, Page3554-3565, 2010			
7. Numerical simulating the flexural properties of 3D weft-knitted spacer fabric reinforced composites, S Hamed, H Hasani, Dibajian, SH, Journal of composite materials, 51 (13) , pp.1887-1899, 2017			
8. Mechanical characterization of innovative 3D multi-cell thermoset composites produced with weft-knitted spacer fabrics, S Hassanzadeh, H Hasani, M Zarrebini - Composite Structures, 2018, Volume184, Page935-949, DOI10.1016/j.compstruct.2017.10.048			
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	NA	Citari	Punctaj
Ionesi, D; Ciobanu, L and Sarghie, B, E-LEARNING APPLICATION FOR A BETTER UNDERSTANDING OF SHOES 3D MODELING, 10th International Scientific Conference on eLearning and Software for Education, 2014   10th International Scientific Conference on eLearning and Software for Education, LET'S BUILD THE FUTURE THROUGH LEARNING INNOVATION!, VOL IV , pp.355-358	3	6	10
CITATĂ DE 1. Creative Transfer of Competence in 3D Footwear CAD, A MIHAI, M COSTEA, B SARGHIE - Proceeding of ICAMS 2014 ..., 2014 - researchgate.net 2. E-learning application for 3D modelling of custom shoe lasts using templates, B Sarghie, A Mihai, I Herghiligiu - The International Scientific ..., 2016 - search.proquest.com 3. Comparative analysis of dynamic plantar pressure distribution on different areas of the foot, M COSTEA, A MIHAI - Revista de Pielarie Incaltaminte, 2016 - search.proquest.com 4. 3D modelling of customized lasts based on anthropometric data acquired from 3D foot, scanning-one study case, M Costea, A Mihai, A Seul - 2021 - academia.edu 5. Blended learning in footwear CAD, M Costea, A Mihai - The International Scientific Conference ..., 2016 - search.proquest.com 6. E-learning tools used by teachers and students in the field of footwear 3D modelling, M Costea, A Mihai - The International Scientific Conference ..., 2016 - search.proquest.com			
Ciobanu, L, Development of 3D Knitted Fabrics for Advanced Composite Materials, 2011   ADVANCES IN COMPOSITE MATERIALS - ECODESIGN AND ANALYSIS, pp. 161-192	1	12	60
CITATĂ DE 1. 3D knitting using large circular knitting machines, K Simonis, YS Gloy, T Gries - Conf. Ser.: Mater. Sci. Eng. 254 092004DOI 10.1088/1757-899X/254/9/092004 IOP Conference Series: Materials, 2017 - iopscience.iop.org			

<p>(<a href="https://www.scopus.com/pages/publications/85035009087?origin=resultslist">https://www.scopus.com/pages/publications/85035009087?origin=resultslist</a>)</p> <p>2. An Overview of 3D Thin Shell Textile Preforms. Hoque, M.T. (2023) Journal of Textile Science and Technology, 9, 183-197 (<a href="https://www.scirp.org/journal/indexing.aspx?journalid=2460">https://www.scirp.org/journal/indexing.aspx?journalid=2460</a>)</p> <p>3. Influence of hydroxyethyl cellulose treatment on the mechanical properties of jute fibres, yarns, and composites RK Nag, AC Long, MJ Clifford - Conference Papers in Science, 2013 - Wiley Online Library (<a href="https://scispace.com/papers/influence-of-hydroxyethyl-cellulose-treatment-on-the-4cif326r3h">https://scispace.com/papers/influence-of-hydroxyethyl-cellulose-treatment-on-the-4cif326r3h</a>)</p> <p>4. Finite Element Modelling of a 3D Woven Composite for Automotive Applications, AR Zamani, L Sanguigno, AR Maligno World Academy of Science, Engineering and Technology International Journal of Mechanical and Materials Engineering Vol:14, No:11, 2020 - academia.edu</p> <p>5. Investigation of the effect of tufts contribution on the in-plane mechanical properties of flax fibre reinforced green biocomposite, Rashid et al, Functional Composite Materials (2021) 2:11, <a href="https://doi.org/10.1186/s42252-021-00019-z">https://doi.org/10.1186/s42252-021-00019-z</a> (<a href="https://functionalcompositematerials.springeropen.com/articles/10.1186/s42252-021-00019-z#Bib1">https://functionalcompositematerials.springeropen.com/articles/10.1186/s42252-021-00019-z#Bib1</a>)</p> <p>6. Effects of Reinforced Materials on Mechanical Properties of 3D Composite Structure, HAMED GHORBANPOOR, MACID NURBAS, HUSEYIN AVCI, International Journal of Mechanical and Production Engineering, ISSN: 2320-2092, Volume- 4, Issue-2, Feb.-2016 1 (<a href="https://ijmpe.iraj.in/">https://ijmpe.iraj.in/</a>)</p> <p>7. Spacers for 3D Textiles as Reinforcement in Cement Composites: Influence on the Flexural and Cracking Behavior, El Kadi, M., Gielis, C., Toma, D., Van Hemelrijck, D., Rahier, H., Tysmans, T. (2023). In: Kunieda, M., Kanakubo, T., Kanda, T., Kobayashi, K. (eds) Strain Hardening Cementitious Composites. SHCC 2022. RILEM Bookseries, vol 39. Springer, Cham. (<a href="https://link.springer.com/chapter/10.1007/978-3-031-15805-6_23">https://link.springer.com/chapter/10.1007/978-3-031-15805-6_23</a>)</p> <p>8. Impact-resistant fabrics (ballistic/stabbing/slashing/spike), K Bilisik, in Engineering of High-Performance Textiles, editors Menghe Miao, John H. Xin, Woodhead Publishing, 2018 (<a href="https://www.sciencedirect.com/science/article/abs/pii/B9780081012734000147">https://www.sciencedirect.com/science/article/abs/pii/B9780081012734000147</a>)</p> <p>9. Aramid fiber reinforced composites, Bilisik, K., in Fiber Reinforced Composites, Constituents, Compatibility, Perspectives, and Applications, Woodhead Publishing Series in Composites Science and Engineering, 2021, Pages 515-559 (<a href="https://www.sciencedirect.com/science/article/abs/pii/B978012821090100003X">https://www.sciencedirect.com/science/article/abs/pii/B978012821090100003X</a>)</p> <p>10. Estudo e aplicação do design paramétrico à superfície da malha de trama, NP Oliveira - 2016 - search.proquest.com</p> <p>11. A Tridimensionalidade da superfície vestível ea impressão 3D: processos, estratégias e experimentações, DN da Silva - 2020 - search.proquest.com</p> <p>12. Estudo do comportamento de estruturas fibrosas com base em materiais com memória de forma e elastômeros JI de Medeiros - 2013 - search.proquest.com</p>			
TOTAL		18	70

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	NA	Citari	Punctaj
Ciobanu, L, Development of 3D Knitted Fabrics for Advanced Composite Materials, 2011   ADVANCES IN COMPOSITE MATERIALS - ECODESIGN AND ANALYSIS, pp.161-192	1	20	60
<p>CITATĂ DE</p> <ol style="list-style-type: none"> <li>Knitting and Recent Developments, BP Dash, R Mishra, V Arumugam, in Fibres to Smart Textiles, Patnaik, A., Patnaik, S., CRC Press, 2019</li> <li>Advances in ballistic protection, January 2023, DOI: 10.1016/B978-0-323-91593-9.00023-7, In book: Functional and Technical Textiles, Edition: 1<sup>st</sup>, Chapter: 3, Publisher: ELSEVIER, IMITED, Cambridge, UK, Kadir Bilisik, Md Syduzzaman, Gülhan Erdoğan Güler, Mahmut Korkmaz</li> <li>3D textile composites and their structural applications, January 2022, DOI: 10.1016/B978-0-323-96020-5.00020-0, In book: Reference Module in Earth Systems and Environmental Sciences, Danish Mahmood Baitab, Dayang Laila Abang Haji Abdul Majid, Mohd Faisal Abdul Hamid, Sivasanghari Karunakaran</li> <li>A Tridimensionalidade Da Superfície Vestível e a impressão 3D: Processos, Estratégias e Experimentações, da Silva, Dailene Nogueira. Universidade de Lisboa (Portugal) ProQuest Dissertations Publishing, 2020.</li> <li>Complex textile structures as reinforcement for advanced composite materials, M Zănoagă, F Tanasă - INTERNATIONAL SCIENTIFIC ..., 2014 - researchgate.net</li> <li>Influence of Hydroxyethyl Cellulose Treatment on the Mechanical Properties of Jute Fibres, Yarns, and Composites, RK Nag, AC Long, MJ Clifford - Conference Papers in Science, 2013 - hindawi.com</li> <li>Estudo do comportamento de estruturas fibrosas com base em materiais com memória de forma e elastómeros, JI Medeiros - 2013 - repositorium.sdum.uminho.pt</li> <li>Tensile Material Properties of Fabrics for Vehicle Interiors from Digital Image Correlation, V Savic, L Hector - 2013 - sae.org</li> <li>Methods to increase structural performance, strength and durability of fabric-reinforced composite materials by pre-stressing, AM Waas, S Ahlquist, JW McGee - US Patent 10,576,670, 2020 - Google Patents</li> <li>APPLICATIONS OF COMPOSITE MATERIALS IN THE CONSTRUCTION OF A ROBOT ARM G CIOBĂNAȘU, CG DUMITRAȘ - DIN IAȘI - researchgate.net</li> <li>Polymer composite based of textiles in various geometry, S Zhezhova, S Risteski... - V International Congress ..., 2017 - eprints.ugd.edu.mk</li> <li>Achieving complex bending-active structures from flexible planar sheets. Hybrid structure introducing the use of spacer fabrics in architectural field. A Zanelli, C Monticelli, M Mollaert, B Stimpfle - 2019 - tensinet.com</li> </ol>			

<p>(<a href="https://www.semanticscholar.org/paper/Achieving-complex-bending-active-structures-from--Kriklenko/b57dc46a6e673a6196eb66c58c3d2a7e5997d13d">https://www.semanticscholar.org/paper/Achieving-complex-bending-active-structures-from--Kriklenko/b57dc46a6e673a6196eb66c58c3d2a7e5997d13d</a>)</p> <p>13. Oil palm empty fruit bunch pulp filled polypropylene composites using handsheet making concept. CMHC Ismail - 2017 - ethesis.usm.my</p> <p>14. [PDF] uminho.pt Estudo e aplicação do design paramétrico à superfície da malha de trama, <a href="https://doi.org/10.1007/978-3-031-15805-6_23">https://doi.org/10.1007/978-3-031-15805-6_23</a></p> <p>15. COMFORTABLE AND PROTECTIVE HYBRID WEFT-KNIT PLATED FABRIC FROM GLASS AND WOOL/ACRYLIC YARNS, İM ERDEM, İ SEVGI, EE KUMSAL, Fibres and Textiles 30(1), 2023, 36-41, DOI: 10.15240/tul/008/2023-1-006, <a href="http://vat.ft.tul.cz/2023/1/VaT_2023_1_6.pdf">http://vat.ft.tul.cz/2023/1/VaT_2023_1_6.pdf</a></p> <p>16. İnce, M. E. (2022). Structural and compressibility properties of weft-knitted rib fabrics from glass yarn. MANAS Journal of Engineering, 10 (1), 21-34. DOI: 10.51354/mjen.943729</p> <p>17. Multiscale simulation methodology for the forming behavior of biaxial weft-knitted fabrics, Minh Quang Pham, PhD thesis, Technische Universitat Dresden, <a href="https://tud.qucosa.de/api/qucosa%3A86522/attachment/ATT-0/">https://tud.qucosa.de/api/qucosa%3A86522/attachment/ATT-0/</a></p> <p>18. Utilization of the Composite Panels reinforced with 3D Spacer Weft-knitted Fabrics in Lightweight Building Constructions, September 2015, Conference: The Annual International Civil , Architecture and Urbanism conference, At: Shiraz ; Iran</p> <p>19. Recent Trends and Developments in the Use of Woven Fabric Reinforcements for Composite Materials, February 2013, Conference: International Conference on Innovations in Automation and Mechatronics Engineering 2013 (ICIAME2013), At: G H Patel College of Engineering &amp; Technology, Vallabh Vidyanagar - 388120, State: Gujarat, INDIA, Naresh Deshpande, Hari Vasudevan, Ramesh Rajguru</p> <p>20. Research and Innovation in Advanced Engineering Materials, March 2019, Publisher: ModTech Publishing House, ISBN: 978-606-93704-5-2, Andrzej Baier, Andrzej Buchacz, Makio Naito, Dumitru Nedelcu</p>			
<p>Ciobanu, L., SANDTEX–developments on knitted sandwich fabrics with complex shapes, TECNITEX 2001, AUTEX, “Technical Textiles: Designing Textiles for Technical Applications”, vol. I, editor Araujo, M.D., Portugal, 2001, ISBN 972-98468-3-9</p>	1	1	3
<p>CITATĂ DE Knitting technologies and tensile properties of a novel curved flat-knitted three-dimensional spacer fabrics, X Li, G Jiang, X Nie, P Ma, Z Gao - Autex Research Journal, 2015</p>			
<p>Costa, A. Nicolau, Novo C., Correia N., Marques, A. Torres, De Araújo M., Figueiro R., Hong, Hu, Ciobanu L. Structural composite parts production from textile preforms, Key Engineering Materials, Volume 230-232, Pages 36 - 392002 Advanced Materials Forum I: Proceedings of the 1st International Materials Symposium9 April</p>	11	2	0.5

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<p>CITATĂ DE</p> <p>KNITTED STRUCTURES IN AEROSPACE APPLICATIONS, Awais, H., Abidin, M.S.Z., (2019) Advances in Aerospace Science and Technology: Part II</p> <p>Textile technologies for the manufacture of three-dimensional textile preforms, Ishmael, N. , Fernando, A. , Andrew, S., (2017) Research Journal of Textile and Apparel</p>			
<p>Popescu, V, Astanei, DG, Burlica, R, Popescu, A, Munteanu, C, Ciolacu, F, Ursache, M, Ciobanu, L, Cocean, A., Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics, JOURNAL OF CLEANER PRODUCTION, Volume 232, pp. 451-461, OI10.1016/j.jclepro.2019.05.281, 2019</p>	9	13	4.3
<p>CITATA DE</p> <ol style="list-style-type: none"> <li>1. Synthetic dyes for textile colouration: Process, factors and environmental impact, MT Islam, T Islam, T Islam, MR Repon - Textile and leather review., 2022 - epubl.ktu.edu</li> <li>2. Balachandran, B., Sabumon, P.C. (2023). Scope of Natural Dyes and Biomordants in Textile Industry for Cleaner Production. In: Muthu, S.S. (eds) Novel Sustainable Process Alternatives for the Textiles and Fashion Industry. Sustainable Textiles: Production, Processing, Manufacturing &amp; Chemistry. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-35451-9_4">https://doi.org/10.1007/978-3-031-35451-9_4</a></li> <li>3. New trends in the application of natural dyes in textile dyeing, V Popescu - Renewable Dyes and Pigments, 2024 – Elsevier (capitol carte)</li> <li>4. Eco-Friendly Extraction and Utilization of Agro Crop Wastes Based Natural Dye for Textile Dyeing, N Amin, F Rehman, S Adeel... - Energy Science &amp; Engineering, Volume13, Issue3, March 2025, Pages 1280-1291 <a href="https://scijournals.onlinelibrary.wiley.com/doi/10.1002/ese3.2067">https://scijournals.onlinelibrary.wiley.com/doi/10.1002/ese3.2067</a>, 2025 - Wiley Online Library</li> <li>5. Sustainable production practices in textiles, S Zaman, M Umair, A Javid - Circularity in Textiles, 2023 – Springer (capitol carte)</li> <li>6. Fluorescence in smart textiles, A Patti, D Acierno - Encyclopedia, 2023 - mdpi.com (Scopus)</li> <li>7. Plant-based colorants: Isolation and application, Vandana Bhandari, Pratikhya Badanayak, Seiko Jose, în Plant Biomass Derived Materials: Sources, Extractions, and Applications, Sabu Thomas, Seiko Jose, Sneha Sabu Mathew, Lata Samant (editori), Wiley Online Library, 2024, <a href="https://doi.org/10.1002/9783527839032.ch7">https://doi.org/10.1002/9783527839032.ch7</a></li> <li>8. Sustainable Dyeing of Silk Fabric with Mango Leaf Extract: Comparative Assessment of Natural and Metallic Mordants on Colorimetric and Fastness Properties, MR Hossen, S Sayam, S Akter - Progress in Color, Colorants and Coatings, Volume 19, Issue 2 - Serial Number 61, May 2026, Pages 231-245 - pccc.icrc.ac.ir</li> </ol>			



<p>9. Akther, T., Babu, M.S., Islam, M. (2025). Electrochemical Dyeing: A Sustainable Approach to Textile Dyeing. In: Maiti, S., Shahid, M., Adivarekar, R.V. (eds) Sustainable Coloration Techniques in Textiles. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-96-4975-4_7">https://doi.org/10.1007/978-981-96-4975-4_7</a> (capitol carte)</p> <p>10. Textile Coloration with Natural Dyes and Pigments, T Bechtold, T Pham, AP Manian - Handbook of Natural Colorants, 2023 - Wiley Online Library (capitol carte)</p> <p>11. Das, S., Roy Maulik, S. (2025). An Overview of Different Techniques in Textile Coloration. In: Shahid, M., Maiti, S., Khan, S.A., Adivarekar, R.V. (eds) Advancements in Textile Coloration. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-96-5091-0_1">https://doi.org/10.1007/978-981-96-5091-0_1</a> - Springer (capitol carte)</p> <p>12. Luminescent textiles using biobased products: A bioinspired approach, S Iyer - 2020 - <a href="https://www.diva-portal.org/smash/get/diva2:1457908/FULLTEXT03.pdf">https://www.diva-portal.org/smash/get/diva2:1457908/FULLTEXT03.pdf</a> (teză de doctorat)</p> <p>13. Dyeing of Fibers and Impact on the Environment Raha Saremi, Smriti Rai, and Suraj Sharma, RSSRS Sharma, Green Sustainable Process for Chemical and Environmental Engineering and Science, în Green Composites: Preparation, Properties, and Allied Applications, 2022, Pages 517-543 <a href="https://www.sciencedirect.com/science/article/pii/B9780323996433000218">https://www.sciencedirect.com/science/article/pii/B9780323996433000218</a></p>			
<p>Araújo M., de A., Hong H., Fanguero R., Ciobanu O., <b>Ciobanu L.</b>, Moscatou A. The design of complex shaped fibre based preforms for composite materials, (2002) <i>2nd AUTEX Conference</i>, pp. 1-3.</p>	6	2	3.7
<p>CITATĂ DE</p> <p>1. Modelling and simulation of the mechanical behaviour of weft-knitted fabrics for technical applications. Part IV: 3D FEA model with a mesh of tetrahedric elements (Scopus) <a href="https://www.degruyterbrill.com/document/doi/10.1515/aut-2004-040203/html">https://www.degruyterbrill.com/document/doi/10.1515/aut-2004-040203/html</a></p> <p>2. Modelling and simulation of the mechanical behaviour of weft-knitted fabrics for technical applications: Part III: 2D hexagonal FEA model with non-linear truss elements (Scopus) <a href="https://www.degruyterbrill.com/document/doi/10.1515/aut-2003-030303/html">https://www.degruyterbrill.com/document/doi/10.1515/aut-2003-030303/html</a></p>			
		38	71.5

### 3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)

Nr crt	Rezultate (punctaje)	
1	20	Lector Masterclass proiect Erasmus Fostex, FOSTERING INNOVATION IN THE JORDANIAN AND MOROCCAN TEXTILE INDUSTRY, 598347-EPP-1-2018-1-ES-EPPKA2-CBHE-JP, Training seminar – Development of Technical Textiles Séminaire de formation, Casablanca, Maroc, 7-8.04.2022

2	20	Lector invitat Maroc, Casablanca, 7-8.04.2022, Seminaire de formation, Module 3 Tricotage de textiles technique (organizator C2TM Cluster de textiles technique marocaine) <a href="https://drive.google.com/file/d/1ioD_iiQmOGtUyyWBcTSjh3BIOIBlp7y4/view">https://drive.google.com/file/d/1ioD_iiQmOGtUyyWBcTSjh3BIOIBlp7y4/view</a>
<b>TOTAL</b>	<b>40</b>	

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

**3.3.1 indexate ISI**

Nr crt	Rezultate (punctaje)	Revistă
1	10	Recenzent Journal of Composites
2	10	Recenzent Journal of Industrial Textiles
3	10	Recenzent Industria Textila
4	10	Recenzent AUTEX Journal
<b>TOTAL</b>	<b>40</b>	

**3.3.2 Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice indexate BDI**

Nr crt	Rezultate (punctaje)	Revistă / Conferință
1.	8	Membru comitet științific TTPF 2021 <a href="https://ttpf.ro/index.php/committees/">https://ttpf.ro/index.php/committees/</a>
2.	8	Membru comitet științific TTPF 2023 <a href="https://ttpf.ro/index.php/committees/">https://ttpf.ro/index.php/committees/</a>
3.	8	Editor limbă simpozion TTPF 2021 <a href="https://sciendo.com/pl/book/9788366675735">https://sciendo.com/pl/book/9788366675735</a>
4.	8	Editor volum conferință CORTEP 2022 <a href="https://sciendo.com/pl/book/9788367405133">https://sciendo.com/pl/book/9788367405133</a>
5.	8	Editor volum conferință CORTEP 2024 <a href="https://sciendo.com/pl/book/9788367405829">https://sciendo.com/pl/book/9788367405829</a>
<b>TOTAL</b>	<b>40</b>	

**3.3.3. Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice neindexate**

Nr crt	Rezultate (punctaje)	Revistă / Conferință
1	5	Editor Bulletin of the Polytechnic Institute, section Textile Leadership
2	5	Membru comitet științific International Conference on Natural Fibres 2015 <a href="http://www.icnf2015.fibrenamics.com/committees">http://www.icnf2015.fibrenamics.com/committees</a>
3	5	Membru comitet științific CORTEP 2018 <a href="https://www.cortep.tuiasi.ro/cortep2018/committees.html">https://www.cortep.tuiasi.ro/cortep2018/committees.html</a>
4	5	Membru comitet științific CORTEP 2016 <a href="https://www.cortep.tuiasi.ro/cortep2016/committees.html">https://www.cortep.tuiasi.ro/cortep2016/committees.html</a>
<b>TOTAL</b>	<b>20</b>	

**3.4. Experiența de management, analiză și evaluare în cercetare și/sau învățământ****3.4.1. Conducere**

Nr crt	Rezultate (punctaje)	Funcția deținută (nr.ani)
1.	20	Manager inovare FDIMA (din 2024)
<b>Total</b>	<b>20</b>	

**3.4.2. Membru**

Nr crt	Rezultate (punctaje)	Funcția deținută (nr.ani)
2.	26	Membru Consiliu Facultate Design Industrial si Managementul Afacerilor – 2012-2026, 13 ani
3.	28	Membru comisie de cercetare la nivel de Facultate 2012-2026, 14 ani
4.	16	Membru Birou Departament ITC, 2016-2024, 8 ani
5.	26	Membru comisie de cercetare la nivel de Departament ITC 2012-2026, 13 ani
6.	26	Membru comisie de practica la nivel de Departament ITC 2012-2026, 13 ani
7.	26	Membru comisie de inventar la nivel de Departament ITC 2012-2026, 13 ani
8.	26	Membru comisie licență Design Industrial 2012-2026, 13 ani
9.	22	Membru comisie dizertatie (Textile avansate, 2013), Tehnologii Performante de Tricotare (2014-2024)
10.	2	Membru comisie doctorat (2012, Ionesi SD)
11.	2	Membru comisie promovare la șef de lucrări (2014, Ionesi SD)

12.	2	Membru comisie promovare la șef de lucrări (2023, Tiță C.)
<b>TOTAL</b>	<b>202</b>	

### 3.5. Premii

Nr crt	Subcategorii (National / International)	Rezultate (punctaje)	Premiul
1	International	10	Premiu Moscova, 1-3 aprilie, 2009, salon inventica Arhimed 2009
2	International	10	Gold Medal și SCIS special award, International Exhibition INVENTCOR, ed. 4, Deva 2023
3	National	5	Gold Medal la Salonul Inventica 2016, Iași, 1-2 iunie 2016
4	National	5	Gold Medal la Salonul Inventica 2010, Iași, 9-11 iunie 2010
5	National	5	Diplomă de excelență cu medalia Salonului Inventica 2009, 4-6 iunie
6	National	5	Diplomă de excelență cu medalia de argint, salon Proinventica, Cluj Napoca 2009
7	National	5	Premiul AGIR, 2004
	<b>TOTAL</b>	<b>45</b>	

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

Nr crt	Subcategorii (National / International)	Rezultate (punctaje)	Funcția
1	International	5	IFKT
2	National	3	AGIR
3	National	3	ASITEX
	<b>TOTAL</b>	<b>11</b>	

<b>Condiții minimale A3</b>	<b>Punctaj candidat</b>	<b>Criteriu îndeplinit</b>
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<b>Minim 100 puncte</b>	<b>1098,4</b>	
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2.06.2026

Conf. dr. ing. Luminița Ciobanu