

**UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI**  
**FACULTATEA DE DESIGN INDUSTRIAL ȘI MANAGEMENTUL AFACERILOR**  
**DEPARTAMENTUL DE INGINERIA ȘI DESIGNUL PRODUSELOR TEXTILE**

Examen de promovare pentru ocuparea postului de Profesor, poz. 3

Disciplinele postului:   Inginerie generală în textile-pielărie  
                                  Structura și designul țesăturilor  
                                  Design Industrial - Pasmanterie

**FIȘA DE VERIFICARE**  
**a îndeplinirii standardelor minime naționale de prezentare la examenul de promovare pe postul de profesor universitar**

Candidat: **Codău Elena** /Data nașterii: [REDACTED] / Funcția ocupată: Conferențiar

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Instituția: Universitatea Tehnică „Gheorghe Asachi” din Iași

**Tabelul 1. Condiții minime/punctaje obținute (în conformitate cu Domeniul CNATDCU: Comisia 16. INGINERIE INDUSTRIALĂ ȘI MANAGEMENT**

Criterii minime Ai				
Nr. crt.	Domeniul de activitate	Condiții Profesor/Abilitare	Punctaj obținut	
1.	Activitate didactică/profesională (A1)	Minim 130 puncte	211,336	Criteriu îndeplinit
2.	Activitatea de cercetare (A2)	Minim 300 puncte	853,193	Criteriu îndeplinit
3.	Recunoasterea și impactul activității (A3)	Minim 100 puncte	1787,885	Criteriu îndeplinit
	<b>TOTAL</b>	<b>530 puncte</b>	<b>2852,414</b>	

**Tabelul 2. Structura activității și punctaje realizate**

Act.	Criteriu	Categorii	Subcategorii	Condiții minimale Profesor (punctaj)	Nr. realizări	Punctaje totale
A1	1.1 Cărți/manuale/monografii/capitole în cărți de specialitat	1.1.1. Cărți/manuale/monografii/capitole de specialitate ca autor	1.1.1.1. Internaționale	Minim 2 prim autor	-	72,633
			1.1.1.2 Naționale (edituri recunoscute)		8 5 prim autor	
		1.1.2 Cărți ca editor		-	-	
	1.2 Alte materiale didactice inclusiv în format electronic (pentru format electronic – echivalent A4 text fără figuri cu minim 3200 caractere inclusiv spații)	1.2.1. Suporturi de curs, îndrumare		Minim 4, din care 2 prim autor	9 7 prim autor	18,703
	1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă. (Director/Responsabil/Președinte)			-	-	-
	1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studiidiferite), titular.			-	10	100
	1.5 Proiecte educaționale (ERASMUS, Leonardo etc.), Director/Responsabil			-	1	20
					<b>Total A1:</b>	<b>211,336</b>
A2	2.1 Articole indexate în Reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date.			De la ultima promovare: Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal 1 articol în reviste din zona roșie sau galbenă	Total: 21 <i>De la ultima promovare:</i> 9 art. în reviste ISI 7 autor principal 2 art. zona roșie 3 art. zona galbenă <i>Întreaga activitate:</i> 20 art. în reviste ISI 1 art. conferință ISI 17 autor principal 8 art. zona roșie 3 art. zona galbenă	306,325
	2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale			De la ultima promovare: minimum 8	Total: 22 <i>De la ultima promovare:</i> 8 art.	131,25
	2.3 Articole in extenso în reviste/volumele unor manifestări științifice naționale/internaționale neindexate (se admit maxim 2 la aceeași ediție)	2.3.1. Articole în reviste neindexate		-	10	29
		2.3.2. Articole în volume nat/internat. neindexate		-	36	53,067
	2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.					-
	2.5 Granturi/proiecte câștigate prin	2.5.1. Director/Responsabil	2.5.1.1. Internaționale	Minimum 2 D sau 4 R.	1 Grant individual	237,551
2.5.1.2. Naționale			2 Director			

	conpetiție sau contracte cu mediul socio-economic în valoare de minimum 25.000 lei (justificată cu documente care să ateste încasarea sumei)					
		2.5.2 Membru în echipă	2.5.2.1. Internaționale	-	2	96
			2.5.2.2. Naționale		18	
	2.6 Coordonare/ dezvoltare laborator/ centru cercetare (dacă este și didactic, punctajul se cuantifică osingura dată)			-	-	-
	Total A2:					853,193
A3	3.1. Vizibilitate în baze de date internaționale	Număr de citări în publicații (fără autocitări)	3.1.1. Citări în articole indexate ISI	-	439	1220
			3.1.2 Citări în articole indexate BDI	-	89	135,185
			3.1.3. Citări în alte publicații	-	166	180,7
			3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv ERASMUS).			-
	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	-	6(b)	109	
		3.3.2. indexate BDI	-	3(b)		
		3.3.3 naționale și internaționale neindexate	-	5 (a)		
	3.4 Experiența de management, analiză și evaluare în cercetare și/sau învățământ	3.4.1. Conducere	-	2	52	
		3.4.2. Membru		27 comisii		
	3.5. Premii	3.5.1. Academia Română	-	-	65	
		3.5.2 ASAS, AOSR, academii de ramură și CNCS	-	4		
		3.5.3. Premii internaționale	-	-		
		3.5.4 premii naționale în domeniu	-	1		
	3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.4.1. Internaționale	-	3	21	
		3.6.4.2. Naționale	-	2		
			3.6.5. Organizații în domeniul educației și cercetării	-	1	5
	Total A3:					1787,885
	TOTAL GENERAL:					2852,414

## Detaliere indicatori

Activitate didactică/profesională (A1)			
<b>1.1.Cărți/manuale/monografii/capitole în cărți de specialitate</b>			
	<b>1.1.1.Cărți /manuale/monografii/capitole de specialitate ca autor – Profesor minimum 2 prim autor</b>		
	1.1.1.2	Naționale	nr.pag./ (10*nr.autori)
	1.1.1.2.1	<i>Nanomaterials and polymers: a new challenge in wearable thermoelectric harvesters</i> <b>Elena Codău</b> , Teodor Cezar Codău, Editura Performantica Iași, 2024, 134 pg., (40 rânduri pe pagină format B5, 178 pagini echivalente), ISBN 978-630-328-120-9	178/(10*2)=8,9
	1.1.1.2.2	<i>Transferul de căldură și masă prin materiale textile</i> <b>Elena Codău</b> , Teodor Cezar Codău, Editura Performantica Iași, 2021, 288 pp. ISBN 978-606-685-806-9, (38 rânduri pe pagină format B5, 365 pagini echivalente).	365/(10*2)=18,25
	1.1.1.2.3	<i>Inginerie generală în textile-pielărie</i> <b>Elena Codău</b> , Editura Performantica Iași, 2019, 250 pg. ISBN 978-606-685-655-0	250/(10*1)=25
	1.1.1.2.4	<i>Materiale textile cu destinație medicală</i> <b>Elena Onofrei</b> , Daniela Elena Brănișteanu, Daniel Constantin Brănișteanu, Cezar Doru Radu cap. VII <i>Textile pentru terapia de compresie</i> , Cezar-Doru Radu-coordonator pg.89-102, Editura Performantica, Iasi, 2009, ISBN 978-973-730-653-1(38 rânduri pe pagină format B5, 18 pagini echivalente)	18/(10*4)=0,45
	1.1.1.2.5	<i>Contributii la proiectarea articolelor tehnice cu destinație medicală</i> <b>Elena Onofrei</b> capitol <i>Proiectarea și realizarea conținutului bandajelor</i> , editori Radu Cezar-Doru, Manea Liliana-Rozmarie, Editura Junimea, Iasi, 2009, ISBN 978-973-37-1295-4, pg. 63-193, (38 rânduri pe pagină format B5, 39 pagini echivalente)	39/(10*1)=3,9
	1.1.1.2.6	<i>Inginerie generală în textile pielărie</i> Ioan Cioara, <b>Elena Onofrei</b> , Performantica, Iasi, 2006, 190 pg. ISBN 978-973-730-400-1	190/(10*2)=9,5
	1.1.1.2.7	<i>Manualul inginerului textilist</i> , Costică Sava, Mariana Ichim, <b>Elena Onofrei</b> cap. III.3.4. <i>Cardarea bumbacului</i> , cap. III.3.5. <i>Laminarea și dublarea benzilor</i> , cap.III.3.6. <i>Pieptănarea bumbacului în Manualul inginerului textilist</i> , Editura AGIR, Bucuresti, 2002, ISBN: 973-8466-10-5/973-8466-11-3, pg. 654-688, (34 pg. 36 rânduri) 40 pg. echivalente	40/(10*3)=1,333
	1.1.1.2.8	<i>Noi tehnologii, utilaje si aparate textile</i> , coordonator Mihai Ciocoiu, Editura Performantica, Iasi, 2002, ISBN 973-8075-24-6, 443 pg. ( <b>Elena Onofrei</b> co-autor capitole: 1.1-1.8; 4.1 și 4.2), contribuție proprie 40 pg. 40 rânduri, 53 pg. echivalente)	53/(10*1)=5,3
		<b>TOTAL 1.1.1</b>	<b>72,633</b>
<b>1.2. Alte materiale didactice inclusiv în format electronic</b>			
	<b>1.2.1.Suporturi de curs/îndrumare – Profesor minimum 4, din care 2 prim autor</b>		
	1.2.1.1	<i>Design Industrial – Pasmanterie</i> <b>Elena Codău</b> Îndrumar de laborator – format electronic – (2025) (26,74 pg. cu 3200 caractere) <a href="http://www.moodle.tex.tuiasi.ro/course/view.php?id=493">http://www.moodle.tex.tuiasi.ro/course/view.php?id=493</a> (Password: di-pcodau)	26,74/(20*1)=1,337
	1.2.1.2	<i>Structura și designul țesăturilor</i> <b>Elena Codău</b> Support de curs – format electronic – (2021) 73 pg., 22,22 pg. cu 3200 caractere <a href="http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=2165">http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=2165</a> (Password: sdtcodau)	22,22/(20*1)=1,111
	1.2.1.3	<i>Inginerie generală în textile-pielărie – Îndrumar de laborator</i> <b>Elena Codău</b> Performantica, Iasi, 2019, ISBN 978-606-685-656-0, 120 pg.	120/(20*1)=6
	1.2.1.5	<i>Structuri textile II - Structura și tehnologia țesăturilor</i> <b>Elena Codău</b> Support de curs – format electronic (2018) 121 pg., 36,87 pg. cu 3200 caractere	36,87/(20*1)=1,843

			<a href="http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=2168">http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=2168</a> (Password: sttcodau)	
		1.2.1.5	<i>Inginerie generală în textile-pielărie</i> <b>Elena Codău</b> Support de curs – format electronic – (2018) 144 pg., 49,39 pg. cu 3200 caractere <a href="http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=1609">http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=1609</a> (Password: igtp1codau)	49,39/(20*1)=2,47
		1.2.1.6	<i>General engineering in textiles &amp; leather I</i> <b>Elena Codău</b> Laborator limba engleză – format electronic - 121 slide-uri, (2017) 21,42 pg. cu 3200 caractere <a href="https://learning.tuiasi.ro/mod/folder/view.php?id=2564">https://learning.tuiasi.ro/mod/folder/view.php?id=2564</a> (Password: GETL1Codau!)	21,42/(20*1)=1,071
		1.2.1.7	<i>General engineering in textiles &amp; leather I</i> <b>Elena Codău</b> Suport de curs limba engleză – format electronic - 111 slide-uri, (2017) 31,6 pg. cu 3200 caractere <a href="https://learning.tuiasi.ro/mod/folder/view.php?id=2556">https://learning.tuiasi.ro/mod/folder/view.php?id=2556</a> (Password: GETL1Codau!)	31.6/(20*1)=1,58
		1.2.1.8	<i>Inginerie generală în textile pielarie – Indrumar de laborator</i> Ioan Cioara, <b>Elena Onofrei</b> Performantica, Iasi, 2006, ISBN 973-730-25-6; 978-973-730-251-9, 80 pg. (32 rânduri pe pagină format A5, 61 pagini echivalente).	61/(20*2)=1,525
		1.2.1.9	<i>Caracteristici de structura și proprietăți ale țesăturilor</i> Lucica Cioara, Irina Cristian, <b>Elena Onofrei</b> Performantica, Iasi 2004, ISBN 973-730-029-7, 139 pg. (32 rânduri pe pagină format A5, 106 pagini echivalente).	106/(20*3)= 1,766
			<b>TOTAL 1.2.</b>	<b>18,703</b>
<b>1.4. Dezvoltare de noi discipline (Titular)</b>				
		1.4.1	Structura țesăturilor, Domeniul Inginerie Economică, 2004 - 2007	10
		1.4.2	Inginerie generală în textile-pielărie, Domeniul Inginerie Industrială, 2008 - prezent	10
		1.4.3	Textile pentru design ambiental, Domeniul Inginerie Industrială, Master Textile Avansate, an univ. 2011/2012	10
		1.4.4	Structuri textile II – Structura și tehnologia țesăturilor, Domeniul Inginerie și Management, Specializarea: Inginerie Economică Industrială, 2017 - 2019	10
		1.4.5	Structura și designul țesăturilor, Domeniul Inginerie Industrială, TDPT, 2019 - prezent	10
		1.4.6	Tehnologia și designul produselor de pasmanterie, Domeniul Inginerie Industrială, TDPT, 2021 - prezent	10
		1.4.7	Design Industrial – Pasmaterie, Domeniul Inginerie Industrială, DI, 2021-prezent	10
		1.4.8	Tehnologii neconvenționale în filatură, TDPT, 2021 - prezent	10
		1.4.9	Tehnologii neconvenționale în țesătorie, TDPT, 2022 - prezent	10
		1.4.10	Îmbunătățirea continuă a sistemului calității, Master ACDTP, 2023-prezent	10
			<b>TOTAL 1.4.</b>	<b>100</b>
<b>1.5. Proiecte educaționale (Erasmus, Leonardo etc.)</b>				
<b>Director/ Responsabil</b>				10*(ani desfasurare)
	<b>1.5.1</b>	Responsabil program de schimburi academice bilaterale Erasmus cu HEI, Franța, din anul 2014 până în prezent (6 ani), timp în care au fost efectuate 2 mobilități, una pentru studenți (Teodor-Cezar Codău în 2017) și una pentru cadre didactice (Mariana Ichim în 2015).		20
		<b>TOTAL 1.5.</b>		<b>20</b>
		<b>TOTAL A.1</b>		<b>211,336</b>
<b>Condiții minimale A1</b>		<b>Punctaj candidat</b>		<b>Criteriu îndeplinit</b>
<b>Minim 130 puncte</b>		<b>211,336</b>		

Activitatea de cercetare (A2)		
2.1.	<p><b>Articole publicate în extenso în reviste cotate ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baze de date</b></p> <p>Profesor: De la ultima promovare minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal. Minimum 1 articol în reviste din zona roșie sau galbenă</p>	<p>Pentru reviste (30+10*Fi)/ nr.autori</p> <p>Pentru volume conferințe 25/nr.autori</p>
	Autor principal*	
2.1.1*	<p><a href="#">Dynamic assessment of water vapor resistance in textiles: influence of environmental factors</a></p> <p>Teodor-Cezar Codau, <b>Elena Codau</b>, Mariana Ichim</p> <p>Textile Research Journal (2025), First published online June 24, 2025</p> <p>(indexată ISI Thomson, FI/2024 = 1,9, Q2 în domeniul ISI Science, subdomeniul Material Science, Textiles)</p> <p><a href="https://doi.org/10.1177/0040517525134327">https://doi.org/10.1177/0040517525134327</a> <b>zona galbenă</b></p> <p><b>*autor corespondent</b></p>	<p><math>(30+10*1,9)/3=16,333</math></p>
2.1.2	<p><i>Natural-Fiber-Reinforced Polymer Composites for Furniture Applications</i></p> <p>Mariana Ichim, Emil Ioan Muresan and <b>Elena Codau</b></p> <p>Polymers 2024, 16, 3113, EISSN 2073-4360, <a href="https://doi.org/10.3390/polym16223113">https://doi.org/10.3390/polym16223113</a></p> <p>(indexată ISI Thomson, Web of Science, FI/2024 = 4,9, Q1 în domeniul ISI Science, subdomeniul Polymer Science) <b>zona roșie</b></p>	<p><math>(30+10*4,9)/3=26.333</math></p>
2.1.3*	<p><i>Dynamic Heat Transfer Simulation in Textile for Practical Application: A Comparative Analysis of Microscopic and Macroscopic Approaches</i></p> <p><b>Codau, Elena</b>; Codau, Teodor-Cezar; Chivu, Robert-Madalin</p> <p>Textile and Apparel, ISSN 1300-3356, 2024, vol 34(3), p.275-282,</p> <p>(indexată ISI Thomson, Web of Science, FI/2024 = 0.7, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles).</p> <p><a href="https://dergipark.org.tr/tr/pub/tekstilvekonfeksiyon/issue/87487/1299755">https://dergipark.org.tr/tr/pub/tekstilvekonfeksiyon/issue/87487/1299755</a></p>	<p><math>(30+10*0,7)/3=12,333</math></p>
2.1.4*	<p><i>Synthesis of Ultra-Stretchable Thermoelectric Nanofibrous Membrane Based on Wet-Electrospun Polyurethane/MWCNTs Composites</i></p> <p>Teodor Cezar Codau, <b>Elena Codau</b></p> <p>Materials Today Sustainability, Volume 27, September 2024, p. 100831 <b>zona roșie</b></p> <p>(indexată ISI Thomson, Web of Science, FI/2024 = 7.9, Q1 în domeniul ISI Science, subdomeniul Materials Science, Multidisciplinary)</p> <p><b>*autor corespondent</b></p>	<p><math>(30+10*7,9)/2=54,5</math></p>
2.1.5*	<p><i>Polymer-based thermoelectric fibers and composites: individual and combined approaches towards enhanced efficiency</i></p> <p>Codau, T.C., Antunes, J.C., Cunha, F., <b>Codau, E.</b>, Figueiro, R.</p> <p>Materials Today Communications, ISSN 2352-4928, Volume 38, March 2024, p. 107682,</p> <p>(indexată ISI Thomson, Web of Science, FI/2024 = 4.5, Q2 în domeniul ISI Science, subdomeniul Materials Science, Multidisciplinary)</p> <p><b>zona galbenă</b> <a href="https://doi.org/10.1016/j.mtcomm.2023.107682">https://doi.org/10.1016/j.mtcomm.2023.107682</a></p> <p><b>*autor corespondent</b></p>	<p><math>(30+10*4.5)/5=15</math></p>
2.1.6*	<p><i>The influence of the waterproof and breathable membrane on the thermal comfort properties of the multi-layer clothing system</i></p> <p><b>E. Codau</b>, T.C. Codau</p> <p>Indian Journal of Fibre &amp; Textile Research, ISSN 0971-0426, eISSN 0975-1025, Vol. 49, March 2024, pp. 100-104,</p> <p>(indexată ISI Thomson, Web of Science, FI/2024 = 0.6, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles).</p> <p><a href="https://or.niscpr.res.in/index.php/IJFTR/article/view/9547/2715">https://or.niscpr.res.in/index.php/IJFTR/article/view/9547/2715</a></p>	<p><math>(30+10*0,6)/2=18</math></p>
2.1.7*	<p><i>Research on monitoring the transfer of water vapors through textile materials using humidity sensors</i></p> <p><b>E. Codău</b>, T.C. Codău, A. Raru, D. Fărîmă</p> <p>Journal of the Textile Institute, 2024/3/3, vol 115, no.3, pp. 471-478</p> <p>(indexată ISI Thomson, Web of Science, FI/2024 = 1.5, Q2 în domeniul ISI Science, subdomeniul Material Science, Textiles)</p> <p><a href="https://doi.org/10.1080/00405000.2023.2201102">https://doi.org/10.1080/00405000.2023.2201102</a></p>	<p><math>(30+10*1,5)/4=11,25</math></p>
2.1.8	<p><i>Turpentine as an Additive for Diesel Engines: Experimental Study on Pollutant Emissions and Engine Performance</i></p> <p>Chivu, R.M., Martins, J., Popescu, F., Krisztina Uzuneanu, Ion V. Ion, Margarida Goncalves, Teodor-Cezar Codău, <b>Onofrei, E.</b>, Brito, F.P.</p> <p>Energies, 2023, 16(13), p. 5150, ISSN 1996-1073 DOI 10.3390/en16135150</p>	<p><math>(30+10*3)/9=6,666</math></p>

	(indexată ISI Thomson, Web of Science, <b>FI/2023 = 3, Q3</b> în domeniul ISI Science, subdomeniul Energy & Fuels)	
2.1.9*	<i>Heat transfer simulation through textile porous media</i> <b>E. Codău</b> , T.C. Codău, I.G. Lupu, A. Raru, D. Fărîmă Journal of the Textile Institute, vol.114, 2023, pp. 257-264, (indexată ISI Thomson, Web of Science, <b>FI/2023 = 1.5, Q2</b> în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://doi.org/10.1080/00405000.2022.2027608">https://doi.org/10.1080/00405000.2022.2027608</a> <b>zona galbenă</b>	$(30+10*1,5)/5=9$
2.1.10*	<i>Simulation of water vapour diffusion through textile structures</i> Teodor Cezar Codău, <b>Elena Codău</b> , Ioan Cioară Conferinta: 15 <sup>th</sup> International Scientific Conference on eLearning and Software for Education (eLSE) New technologies and redesigning learning spaces Bucuresti, 11-12 Aprilie, 2019 DOI: 10.12753/2066-026X-19-190   Pages: 377-383 <a href="https://proceedings.elseconference.eu/index.php?r=site/index&amp;year=2019&amp;index=papers&amp;vol=34&amp;paper=0f262c4cf02970ffb89971aaefde79bf">https://proceedings.elseconference.eu/index.php?r=site/index&amp;year=2019&amp;index=papers&amp;vol=34&amp;paper=0f262c4cf02970ffb89971aaefde79bf</a> <b>autor corespondent</b>	$25/3=8,333$
2.1.11*	<i>Textile sensor for heat flow measurements</i> <b>Onofrei, E</b> ; Codau, TC ; Bedek, G ; Dupont, D ; Cochrane, C. Textile Research Journal (2017), Volume: 87 Issue: 2 Pages: 165-174 (indexată ISI Thomson, <b>FI/2017 = 1,54, Q1</b> în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://journals.sagepub.com/doi/10.1177/0040517515627167">https://journals.sagepub.com/doi/10.1177/0040517515627167</a> <b>zona roșie</b>	$(30+10*1,54)/5=9,08$
2.1.12*	<i>Embedded textile heat flow sensor characterization and application</i> TC. Codau, <b>E. Onofrei</b> , G. Bedek, D. Dupont, C. Cochrane Journal: Sensors & Actuators: A. Physical (2015), FI/2015 = 2,201, 235 p. 131–139. (indexată ISI Thomson, Web of Science, <b>FI/2015 = 2,201, Q1</b> în domeniul ISI Science, subdomeniul Engineering, Electrical & Electronic și Instruments & Instrumentation) <a href="https://www.sciencedirect.com/science/article/abs/pii/S0924424715301667?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0924424715301667?via%3Dihub</a> <b>zona roșie</b> <b>autor corespondent</b>	$(30+10*2,201)/5=10,402$
2.1.13*	<i>Mathematical correlation of test methods for measuring water-vapour transmission through fabrics</i> TC Codau, <b>E Onofrei</b> , S Petrusic, G Bedek, D Dupont, D Soulat Journal of Porous Media 18 (3), (2015), p. 245-255. (indexată ISI Thomson, Web of Science, <b>FI/2015 = 1,035, Q3</b> în domeniul ISI Science, subdomeniile Engineering, Mechanical și Mechanics) <a href="http://www.dl.begellhouse.com/journals/49dcde6d4c0809db,2dfdd57a086122e2,236598691be541bf.html">http://www.dl.begellhouse.com/journals/49dcde6d4c0809db,2dfdd57a086122e2,236598691be541bf.html</a> <b>autor corespondent</b>	$(30+10*1,035)/6=6,725$
2.1.14	<i>Moisture management of underwear fabrics and linings of firefighter protective clothing assemblies</i> S Petrusic, <b>E Onofrei</b> , G Bedek, C Codau, D Dupont, D Soulat The Journal of The Textile Institute 106 (12), 1270-1281, (2015), (indexată ISI Thomson, Web of Science, <b>FI/2015 = 1,128, Q1</b> în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://www.tandfonline.com/doi/abs/10.1080/00405000.2014.995457">https://www.tandfonline.com/doi/abs/10.1080/00405000.2014.995457</a> <b>zona roșie</b>	$(30+10*1,128)/6=6,88$
2.1.15*	<i>Study of heat transfer through multilayer protective clothing at low-level thermal radiation</i> <b>E Onofrei</b> , S Petrusic, G Bedek, D Dupont, D Soulat, TC Codau Journal of Industrial Textiles 45 (2), 222-238, (2015) (indexată ISI Thomson, Web of Science, <b>FI/2015 = 1,12, Q2</b> în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://journals.sagepub.com/doi/abs/10.1177/1528083714529805">https://journals.sagepub.com/doi/abs/10.1177/1528083714529805</a> <b>zona roșie</b>	$(30+10*1,12)/6=6,866$
2.1.16*	<i>Analysis of moisture evaporation from underwear designed for fire-fighters</i> <b>E Onofrei</b> , TC Codau, S Petrusic, G Bedek, D Dupont, D Soulat Autex Research Journal 15 (1), 35-47, (2015) (indexată ISI Thomson, Web of Science, FI/2015 = 0,46, Q3 în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://content.sciendo.com/view/journals/aut/15/1/article-p35.xml">https://content.sciendo.com/view/journals/aut/15/1/article-p35.xml</a>	$(30+10*0,46)/6=5,766$
2.1.17*	<i>Modeling of heat transfer through multilayer firefighter protective clothing</i>	$(30+10*0,57)/6=$

		<b>Elena Onofrei</b> , Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, Teodor-Cezar Codau Industria Textila, vol. 65, no. 5, 2014, p.277-282 (indexată ISI Thomson, Web of Science, FI/2015 = 0,57, Q3 în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://scholar.google.com/citations?user=mG9-gz4AAAAJ&amp;hl=fr#d=gs_md_cita-d&amp;u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Dfr%26user%3DmG9-gz4AAAAJ%26citation_for_view%3DmG9-gz4AAAAJ%3Aj3f4tGmQtD8C%26tzm%3D-180">https://scholar.google.com/citations?user=mG9-gz4AAAAJ&amp;hl=fr#d=gs_md_cita-d&amp;u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Dfr%26user%3DmG9-gz4AAAAJ%26citation_for_view%3DmG9-gz4AAAAJ%3Aj3f4tGmQtD8C%26tzm%3D-180</a>	5,95
	2.1.18*	<i>Identification of the most significant factors influencing thermal comfort using principal component analysis and selection of the fabric according to the apparel end-use</i> <b>Elena Onofrei</b> , Industria Textila vol.63, no.2, pp. 91-96, 2012 (indexată ISI Thomson, Web of Science, FI/2012 = 0,366, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="http://revistaindustriatextila.ro/images/2012/2_2012.pdf#page=35">http://revistaindustriatextila.ro/images/2012/2_2012.pdf#page=35</a>	$(30+10 \cdot 0,366)/1 = 33,66$
	2.1.19*	<i>Investigating the effect of moisture on the thermal comfort properties of functional elastic fabrics</i> , <b>Elena Onofrei</b> , Ana Maria Rocha, André Catarino, Journal of Industrial Textiles, ISSN 1528-0837, 1528083711425840, first published on October 20, 2011, as doi:10.1177/1528083711425840 Published in print in Volume 42, Issue 1, July 2012, pp. 34-51, FI/2012 = 1,308 (indexată ISI Thomson, Web of Science, FI/2012 = 1,308, Q1 în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://journals.sagepub.com/doi/abs/10.1177/1528083711425840">https://journals.sagepub.com/doi/abs/10.1177/1528083711425840</a> <b>zona roșie</b>	$(30+10 \cdot 1,308)/3 = 14,36$
	2.1.20*	<i>The Influence of Knitted Fabrics' Structure on the Thermal and Moisture Management Properties</i> , <b>Elena Onofrei</b> , Ana Maria Rocha, André Catarino Journal of Engineered Fibers & Fabrics, ISSN 1558-9250, Volume 6, Issue 4, 2011 (indexată ISI Thomson, Web of Science, FI/2011 = 0,889, Q1 în domeniul ISI Science, subdomeniul Material Science, Textiles) <a href="https://journals.sagepub.com/doi/abs/10.1177/155892501100600403">https://journals.sagepub.com/doi/abs/10.1177/155892501100600403</a> <b>zona roșie</b>	$(30+10 \cdot 0,889)/3 = 12,963$
	2.1.21	<i>Textile higher education in Romania</i> Mariana Ichim, <b>Elena Onofrei</b> Fibres & Textiles in Eastern Europe, ISSN: 1230-3666, Volume: 9 Issue: 2 Pages: 17-17, 2001 (indexată ISI Thomson, Web of Science, FI/2001 = 0,185, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles) WOS:000171643000002 <a href="https://orcid.org/0000-0002-8261-6727">https://orcid.org/0000-0002-8261-6727</a>	$(30+10 \cdot 0,185)/2 = 15,925$
		<b>TOTAL 2.1.</b>	<b>306,325</b>
	<b>2.2. Articole în reviste și volumele unor manifestări indexate în alte baze de date internaționale</b> De la ultima promovare minimum 8 articole pentru Profesor		15/nr. autori
	2.2.1	<i>Dynamic assessment of water vapor resistance of fabrics containing hydrophilic natural fibers</i> Teodor-Cezar Codău, <b>Elena Codău</b> , ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWOR, vol. 25, issue 2, pp. 27-31 ISSN 1843 – 813X, On line ISSN 2457-4880 <a href="http://textile.webhost.uoradea.ro/Annals/Contents%2032.html">http://textile.webhost.uoradea.ro/Annals/Contents%2032.html</a> BDI: Index Copernicus, EBSCO, DOAJ, Ulrichs Update	15/2=7,5
	2.2.2	<i>Effect of elastane on moisture management in high-performance sportswear</i> <b>Elena Codău</b> , Teodor-Cezar Codău ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWOR, vol. 25, issue 1, pp. 23-30 ISSN 1843 – 813X, On line ISSN 2457-4880 <a href="http://textile.webhost.uoradea.ro/Annals/Contents%2031.html">http://textile.webhost.uoradea.ro/Annals/Contents%2031.html</a> BDI: Index Copernicus, EBSCO, DOAJ, Ulrichs Update	15/2=7,5
	2.2.3	<i>Electrospun nanofibers in thermoelectric energy harvesters: a review</i> <b>Elena Codău</b> , Teodor-Cezar Codău, Mariana Ichim Proceedings of the "Technical Textiles – Present and Future" Symposium, Iasi 23 Nov. 2023, pp. 108-114 ISSN: 2957-0948 <a href="https://doi.org/10.2478/9788367405355-017">https://doi.org/10.2478/9788367405355-017</a>	15/3=5



	BDI: Sciendo	
2.2.4	<i>Effect of manufacturing technology on the properties of recycled nonwovens and composites made therewith</i> Mariana ICHIM, Ioan FILIP, Emil Ioan MURESAN, <b>Elena Codău</b> Proceedings of the "Technical Textiles – Present and Future" Symposium, Iasi 23 Nov. 2023, pp. 94-99 ISSN: 2957-0948 DOI: 10.2478/9788367405355-015 BDI: Sciendo	15/4=3,75
2.2.5	<i>Experimental study on the influence of air gap on heat transfer through multilayer textile clothing</i> <b>Elena CODAU</b> , Teodor-Cezar CODAU Proceedings of the "Technical Textiles – Present and Future" Symposium, Iasi 23 Nov. 2023, p. 59-65 ISSN: 2957-0948 DOI: 10.2478/9788367405355-010 BDI: Sciendo	15/2=7,5
2.2.6	<i>Effect of elastane on dimensional and thermal properties of sportswear fabrics</i> <b>Elena Codău</b> , Teodor-Cezar Codău ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWOR, vol. 24, issue 1, p. 27-34 ISSN 1843 – 813X, On line ISSN 2457-4880 <a href="https://textile.webhost.uoradea.ro/Annals/Contents%2029.html">https://textile.webhost.uoradea.ro/Annals/Contents%2029.html</a> BDI: Index Copernicus, EBSCO, DOAJ, Ulrichs Update	15/2=7,5
2.2.7	<i>Optical properties of textile materials for personal protective clothing</i> <b>Elena Codău</b> , Teodor-Cezar Codău, Mariana Ichim, Iuliana Gabriela Lupu Proceedings of the 18th Romanian Textiles and Leather Conference, 17-20 Nov. 2022, Iasi, Romania, p. 152-156, ISBN: 978-83-67405-13-3, E-pub ISBN: 978-83-67405-13-3 DOI: <a href="https://doi.org/10.2478/9788367405133-024">https://doi.org/10.2478/9788367405133-024</a> BDI: Sciendo	15/4=3,75
2.2.8	<i>A Study on the Influence of Sliver Preparation System on the Quality of Cottonised Hemp/Cotton Blended Rotor Spun Yarns</i> Mariana Ichim, <b>Elena Codău</b> , Costica Sava, Ileana Comandar Proceedings of the 18th Romanian Textiles and Leather Conference, 17-20 Nov. 2022, Iasi, Romania, p. 64-70, ISBN: 978-83-67405-13-3, E-pub ISBN: 978-83-67405-13-3 DOI: <a href="https://doi.org/10.2478/9788367405133-010">https://doi.org/10.2478/9788367405133-010</a> BDI: Sciendo	15/4=3,75
2.2.9	<a href="#"><i>Study of moisture management in knitted fabrics used in sportswear</i></a> <b>Elena CODĂU</b> , Teodor-Cezar CODĂU Buletinul AGIR nr.4/2019/p. 57-61 ISSN-L 1224-7928, Online: ISSN 2247-3548 anul XXIII, B+ CNCSIS, Editura AGIR, Bucuresti BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED	15/2=7,5
2.2.10	<a href="#"><i>Study of isothermal diffusion in porous media using direct numerical simulation</i></a> <b>Elena CODĂU</b> , Teodor-Cezar CODĂU Buletinul AGIR nr.4/2019/p. 156-159 anul XXIII, B+ CNCSIS, Editura AGIR, Bucuresti ISSN-L 1224-7928, Online: ISSN 2247-3548 BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED	15/2=7,5
2.2.11	<a href="#"><i>Study on heat transfer through wet textile exposed to radiant heat flux</i></a> <b>Elena CODĂU (ONOFREI)</b> , Teodor-Cezar CODĂU Buletinul AGIR, nr.1/2018/ p.164-167 ISSN-L 1224-7928, p.164-168 Online: ISSN 2247-3548 BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED	15/2=7,5

2.2.12	<p><a href="#"><i>Thermal Comfort Properties of Knitted Fabrics Made of Elastane and Bioactive Yarns</i></a>  <b>Elena Onofrei</b>, Ana Maria Rocha, André Catarino  Journal of Materials Science and Engineering, p.428-435, USA, ISSN 2161-6213, Volume 1, Number 3A, August 2011.  <a href="https://journals.sagepub.com/doi/pdf/10.1177/155892501100600403">https://journals.sagepub.com/doi/pdf/10.1177/155892501100600403</a>  Indexing: Google scholar, Chinese Scientific Journals Database, VIP Corporation, Chongqing, China, Chinese Database of CEPS, American Federal Computer Library center (OCLC), USA, CNKI, Chemical Abstracts Service (CAS), RoMEO, Electronic Journals Library, AcademicKeys, CiteFactor (USA), getCITED, Newjour, Scientific Indexing Services, INNO SPACE, SJournals</p>	15/3=5
2.2.13	<p><i>Thermal comfort properties of knitted fabrics made of elastane and bioactive yarns</i>  <b>Elena Onofrei</b>, Ana Maria Rocha, Andre Catarino  (2010) Fiber Society Spring 2010 International Conference.  Document Type: Conference Paper  Source: Scopus</p>	15/3=5
2.2.14	<p><i>Plaits for technical application</i> [Article@Benzi împletite cu destinații tehnice]  Lucica Cioară, Ioan Cioară, <b>Elena Onofrei</b>  (2006) Industria Textila, 57 (1), pp. 14-17. Cited 1 time.  Document Type: Article  Source: Scopus</p>	15/3=5
2.2.15	<p><i>Researches regarding the cotton yarns hairiness</i> [Article@Cercetări privind pilozitatea firelor tip bumbac],  <b>Elena Onofrei</b>, Valeria Gribincea  (2005) Industria Textila, 56 (4), pp. 231-234.  Document Type: Article  Source: Scopus</p>	15/2=7,5
2.2.16	<p><i>Aspects regarding the architecture of the filtering woven fabrics</i>  Ioan Cioară, Lucica Cioară, <b>Elena Onofrei</b>  UNITEX, NR. 1/2003, P. 28-30.  Document Type: Article  Source: Scopus</p>	15/3=5
2.2.17	<p><i>Investigating the effect of preliminary draft and drafting on the quality of cotton yarns</i>  [Article@Cercetări privind influența ecartamentului și a lăminajului preliminar asupra calității firelor tip bumbac]  <b>Elena Onofrei</b>, Mihai Ciocoiu  (2002) Revista Romana de Textile - Pielarie, (2), pp. 17-22.  Document Type: Article  Source: Scopus</p>	15/2=7,5
2.2.18	<p><i>Study on fibre distribution in the cross-sections of blended yarns</i> [Article@Studiu privind distribuția fibrelor în secțiunea transversală a firului în cazul amestecurilor binare de bumbac și poliester]  <b>Elena Onofrei</b>, Hugh Gong  (2002) Revista Romana de Textile - Pielarie, (3-4), pp. 17-22.  Document Type: Article  Source: Scopus</p>	15/2=7.5
2.2.19	<p><i>Study regarding the influence of draft distribution in drafting zones on yarn unevenness</i> [Article@Studiu privind influența repartizării lăminajului în câmpurile de laminare asupra neuniformității firelor]  Costică Sava, <b>Elena Onofrei</b>, Mariana Ichim  (2000) Revista Romana de Textile - Pielarie, (4), pp. 25-28.  Document Type: Article  Source: Scopus</p>	15/3=5
2.2.20	<p><i>Equipments for cotton and cotton like fiber processing - ITMA '99 Paris</i> [Article@Utilaje pentru prelucrarea fibrelor tip bumbac - ITMA '99 Paris]</p>	15/3=5

		Costică Sava, Mariana Ichim, <b>Elena Onofrei</b> (2000) Revista Romana de Textile - Pielarie, (1), pp. 13-22. Document Type: Article Source: Scopus	
	2.2.21	<i>The influence of the rotor speed on the characteristics of the rotor spun yarns</i> [Article@Influenta turației rotorului supra caracteristicilor firelor produse pe mașina de filat cu rotor] Mariana Ichim, Costică Sava, <b>Elena Onofrei</b> (1999) Revista Romana de Textile - Pielarie, (3-4), pp. 43-46. Document Type: Article Source: Scopus	15/3=5
	2.2.22	<i>Study on the influence of the fibres characteristics on the characteristics of the yarns obtained on the rotor spinning machine</i> [Article@Studiu privind influența caracteristicilor fibrelor asupra caracteristicilor firelor obținute pe mașina de filat oe cu rotor] <b>Elena Onofrei</b> , Costică Sava, Mariana Ichim (1999) Revista Romana de Textile - Pielarie, (1-2), pp. 13-18. Document Type: Article Source: Scopus	15/3=5
		<b>TOTAL 2.2</b>	<b>131,25</b>
<b>2.3. Articole în extenso în reviste/ volumele unor manifestări științifice naționale/internaționale neindexate</b>			
	<b>2.3.1.</b>	<b>Reviste naționale / internaționale neindexate</b>	6/nr.autori
	2.3.1.1	<i>Textiles integrating PCMs – A review</i> <b>Elena Onofrei</b> , Ana Maria Rocha, André Catarino The Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom LVI (LX), Fasc. 2, 2010, p.99-110, ISSN 1454-3265.	6/3=2
	2.3.1.2	<i>The technical textile industry and its markets</i> <b>Elena Onofrei</b> , Symposium - "Technical textile present and future", Iasi, Romania, October 22-23, 2009, published in The Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom LVI (LX), Fasc. 2, 2010, p.89-96, ISSN 1454-3265.	6/1=6
	2.3.1.3	<i>The properties of knitted fabrics for bio-functional textiles</i> <b>Elena Onofrei</b> , Symposium "Technical textile present and future", Iasi, Romania, October 22-23, 2009, published in The Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom LV (LIX), Fasc. 4, 2009, p.75-84, ISSN 1454-3265.	6/1=6
	2.3.1.4	<i>The Structure Characteristics – Resources for Woven Fabric Design</i> Lucica Cioara, <b>Elena Onofrei</b> , Ioan Cioara Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom LIII (LVII), Fasc. 5, 2007, p.535-540, ISSN 1454-3265.	6/3=2
	2.3.1.5	<i>The Characteristics of Woven Fabrics for Electrostatic Protective Clothing</i> Lucica Cioara, Ioan Cioara, <b>Elena Onofrei</b> , Doina Toma Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom LIII (LVII), Fasc. 5, 2007, p.529-534, ISSN 1454-3265.	6/4=1,5
	2.3.1.6	<i>Educational software for woven fabric design</i> Lucica Cioară, Ioan Cioară, George Ciubotaru, <b>Elena Onofrei</b> Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, no. 1/ 2006	6/4=1,5
	2.3.1.7	<i>Braided structure used for reinforced concrete beam</i> Lucica Cioară, Ioan Cioară, <b>Elena Onofrei</b> Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, no. 1/ 2005, Tom LI (LV), Fasc. 1 – 2, p. 45 – 50.	6/3=2
	2.3.1.8	<i>Study on the influence of the break draft ratio and back roller setting on the yarn hairiness</i> <b>Elena Onofrei</b> , Tadeusz Jaskowski Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom XLVII, Fasc. 1-2, 2001, p. 59 – 63.	6/2=3
	2.3.1.9	<i>Study on the fibres friction</i> <b>Elena Onofrei</b> , Georghe Antoniu Scientific Buletin of "Aurel Vlaicu" University of Arad, no. 5/1999, p.13-15.	6/2=3

		2.3.1.10	<i>Study concerning the spinning ability of the acrylic microfibres</i> Costica Sava, Mariana Ichim, <b>Elena Onofrei</b> Romanian Journal of Textiles Leather Goods, no. 1-2/1997, p. 15-22, Panfilus Publishing House, Iași	6/3=2
			<b>TOTAL 2.3.1.</b>	<b>29</b>
	<b>2.3.2.</b>	<b>Volume nationale / internaționale neindexate</b>		4/nr.autori
		2.3.2.1	<i>The influence of natural fiber on water vapor resistance of fabrics under dynamic conditions</i> TC Codău, JC Antunes, F Cunha, <b>E Codău</b> , R Fanguero ICNF 2023 - 6th International Conference on Natural Fibers, 2023/6/19, Madeira, Portugal	4/5=0,8
		2.3.2.2	<i>The influence of the waterproof membrane on the thermal comfort properties of multi-layer clothing system</i> <b>Elena Codău</b> , International Scientific Conference RA –11, organized by Piraeus University of Applied Sciences at P.U.A.S. Campus, 21 – 23 September 2016.	4/1=4
		2.3.2.3	<i>Simulation and modeling of heat and mass transfer through fabrics exposed at low-level thermal radiation</i> <b>Elena Onofrei</b> , Teodor-Cezar Codau, Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, 7 <sup>th</sup> International Textile, Clothing & Design Conference – Magic World of Textiles October 05 <sup>th</sup> to 08 <sup>th</sup> 2014, Dubrovnik, Croatia.	4/6= 0,66
		2.3.2.4	<i>Investigation of thermal comfort properties of firefighter protective clothing</i> Stojanka Petrusic, <b>Elena Onofrei</b> , Gauthier Bedek, Daniel Dupont, Damien Soulat, 4 <sup>th</sup> ITMC Lille Metropole 2013 International Conference, ENSAIT, Roubaix, France, October 19-11, 2013.	4/5=0,8
		2.3.2.5	<i>Liquid and vapor moisture transfer properties of underwear fabrics and innermost layers of the firefighter protective clothing assemble</i> Stojanka Petrusic, <b>Elena Onofrei</b> , Cezar Codau, Gauthier Bedek, Dniel Dupont, Damien Soulat, 14 <sup>th</sup> AUTEX World Textile Conference, May 26 <sup>th</sup> to 28 <sup>th</sup> , 2014, Bursa, Turkey	4/6=0,66
		2.3.2.6	<i>Study of heat transfer through multilayer textile structure used in firefighter protective clothing</i> <b>Elena Onofrei</b> , Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, 13 <sup>th</sup> AUTEX World Textile Conference, May 22-24, 2013, Dresden, Germany.	4/5=0,8
		2.3.2.7	<i>Study on thermal comfort properties of active sportswear using a thermal manikin</i> <b>Elena Onofrei</b> , 14th Romanian Textiles and Leather Conference - CORTEP'2012, Sinaia, Romania, 6-8 September, 2012.	4/1=4
		2.3.2.8	<i>The thermo-regulating effect of knitted fabrics incorporating PCMs</i> <b>Elena Onofrei</b> , Ana Maria Rocha, André Catarino, The 11 <sup>th</sup> World Textile Conference AUTEX 2011, Mulhouse, France, 8-10 June, 2011	4/3=1,33
		2.3.2.9	<i>Compound woven fabrics with antistatic and electromagnetic shilding properties</i> Lucica Cioara, Ioan Cioara, <b>Elena Onofrei</b> , Doina Toma International Scientific Conference „Unitech '07 Gabrovo”, 23 - 24 November 2007, p. II-90 - 93, Gabrovo – Bulgaria.	4/4=1
		2.3.2.10	<i>The influence of draft and roller setting on the mean fibre length of unconventional blends</i> Costica Sava, Mariana Ichim, <b>Elena Onofrei</b> International Scientific Conference „Unitech '07 Gabrovo”, 23 - 24 November 2007, p. II-80-82, Gabrovo – Bulgaria.	4/3=1,33
		2.3.2.11	<i>An investigation of fibres arrangement on the quality of the ring spun yarns of cotton/polyester fibres</i> <b>Elena Onofrei</b> , Valeria Gribincea - International Scientific Conference SMARTEX - 2007, 29 – 30 May, Ivanovo, Russia, p. 182 – 186.	4/2=2
		2.3.2.12	<i>Recovered fibres for processing by textile mechanical technologies</i> Valeria Gribincea, Adriana Mustăță, <b>Elena Onofrei</b> , International Scientific Conference SMARTEX - 2007, 29 – 30 May, Ivanovo, Russia, p. 153 – 157.	4/3=1,33
		2.3.2.13	<i>The Structure Characteristics – Resources for Woven Fabric Design</i> Lucica Cioara, <b>Elena Onofrei</b> , Ioan Cioara CORTEP 2007 – The XIII <sup>th</sup> Romanian Textile and Leather Conference, 18 – 20 October 2007, Iasi, Romania	4/3=1.33

		2.3.2.14	<i>The Characteristics of Woven Fabrics for Electrostatic Protective Clothing</i> Lucica Cioara, Ioan Cioara, <b>Elena Onofrei</b> , Doina Toma CORTEP 2007 – The XIII <sup>th</sup> Romanian Textile and Leather Conference, 18th – 20th October 2007, Iasi, Romania	4/4=1
		2.3.2.15	<i>Educational software for woven fabric design</i> Lucica Cioară, Ioan Cioară, George Ciubotaru, <b>Elena Onofrei</b> International Scientific Conference „Unitech `06 Gabrovo”, 24 - 25 November 2006, Gabrovo – Bulgaria.	4/4=1
		2.3.2.16	<i>Indexes of characterization the reinforced filter fabrics</i> Lucica Cioară, Ioan Cioară, <b>Elena Onofrei</b> International Scientific Conference „Unitech `05 Gabrovo”, 24 - 25 November 2005, Gabrovo – Bulgaria.	4/3=1,33
		2.3.2.17	<i>Soft educational pentru proiectarea tesaturilor</i> Lucica Cioară, Ioan Cioară, George Ciubotaru, <b>Elena Onofrei</b> SIMPOZIONUL INTERNATIONAL PER-TEX - 2005, 10 – 12 NOIEMBRIE, IASI, ROMANIA.	4/4=1
		2.3.2.18	<i>Textile composites for reinforced concrete beam</i> Lucica Cioară, Ioan Cioară, <b>Elena Onofrei</b> International Scientific Conference „Unitech `04 Gabrovo”, 18-19 November 2004, Gabrovo – Bulgaria, p.337-340.	4/3=1,33
		2.3.2.19	<i>Study regarding the influence of yarn contraction on woven fabrics properties</i> Irina Crisrian, <b>Elena Onofrei</b> International Scientific Conference „Unitech `04 Gabrovo”, 18-19 November 2004, Gabrovo – Bulgaria, p. 318-321.	4/2=2
		2.3.2.20	<i>The forecast of the yarn breakages during the weaving process</i> Ioan Cioară, Lucica Cioară, <b>Elena Onofrei</b> , Costica Sava 3rd AUTEX Conference Civiltex 2003- Textiles Necessary Condition for Developement of Civilisation – Gdansk, Polonia, 2003, p.25-27, ISBN 83-89003-32-5	4/4=1
		2.3.2.21	<i>Study regarding the fibres migration and the influence of component percentage on the yarn resistance</i> <b>Elena Onofrei</b> , Lucica Cioară, Ioan Cioară, International Scientific Conference „Unitech `03 Gabrovo”, 20-21 November 2003, Gabrovo – Bulgaria, 564 – 565.	4/3=1,33
		2.3.2.22	<i>Study regarding the hairiness of blended-fibre spun yarns</i> <b>Elena Onofrei</b> , Ioan Cioară, Lucica Cioară International Scientific Conference „Unitech `03 Gabrovo”, 20-21 November 2003, Gabrovo – Bulgaria, 566 – 567.	4/3=1,33
		2.3.2.23	<i>Study on the strength of the cotton and cotton-polyester sliver –</i> <b>Elena Onofrei</b> , Mihai Ciocoiu The 4 <sup>th</sup> International Conference IN-TECH-ED'02, April 25-26, 2002 Budapesta, Ungaria, p.226-230.	4/2=2
		2.3.2.24	<i>Study on the fibers distribution on the cross section of cotton/polyester yarn,</i> <b>Elena Onofrei</b> , Hugh Gong The XII <sup>th</sup> Romanian Textile and Leather Conference, XII CORTEP, 17th – 19th October 2002, Iasi – Romania, p. 185 – 190.	4/2=2
		2.3.2.25	<i>Study on the cotton yarn quality improvement</i> <b>Elena Onofrei</b> , Costica Sava, The XI <sup>th</sup> Romanian Textile and Leather Conference, XII CORTEP, 17th – 19th October 2002, Iași – Romania, p.179 – 184.	4/2=2
		2.3.2.26	<i>Contributions to optimizing the drawing process</i> <b>Elena Onofrei</b> , Cristina Piroi, Mihai Ciocoiu, Doina Cașcaval International Symposium “Optimising technological process – premise of the increasing quality of the textile products”- 9-10 Mai 2002, Iași, p. 43 – 48.	4/4=1
		2.3.2.27	<i>Study on the influence of roving twist level and break draft on the cotton yarn quality,</i> <b>Elena Onofrei</b> , Mihai Ciocoiu International Symposium “Optimising technological process – premise of the quality increase of the textile products”- 9-10 Mai 2002, Iași, p. 37 – 42.	4/2=2

		2.3.2.28	Study concerning STARPAN carbon fibres processing Costică Sava, <b>Elena Onofrei</b> , Mariana Ichim Conference ArchTex 2001 – Inovation in the textile technology, Instytut Architektury Tekstyliow, Lodz, Poland, 8-10 mai, 2001, p. 33-36.	4/3=1,33
		2.3.2.29	New technologie for short staple yarn obtained from different fibre blends Costica Sava, <b>Elena Onofrei</b> , Mariana Ichim Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, 2000, p. 164 - 168.	4/3=1,33
		2.3.2.30	12. Study on the influence of the break draft on the characteristics of the yarns obtained on ring spinning machine endowmnet with Suessen HP - A 310 drafting, <b>Elena Onofrei</b> , Costica Sava Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, 2000, p. 138-143.	4/2=2
		2.3.2.31	Study on the optimum yarn twist of the yarns manufactured by acrylic microfibres Mariana Ichim, Costica Sava, <b>Elena Onofrei</b> Proceedings of the XI The International Textile Conference of Romania, Iași, second volume, pg. 178 - 183, Ankarom Publishing House, 1997.	4/3=1,33
		2.3.2.32	The influence of the acrylic microfibre characteristics to the yarns quality <b>Elena Onofrei</b> , Costica Sava, Mariana Ichim Proceedings of the XI The International Textile Conference of Romania, Iași, second volume, p. 172 - 177, Ankarom Publishing House, 1997.	4/3=1,33
		2.3.2.33	Study on the spinning ability of STARPAN man-made fibres/cotton blends and STARPAN man-made fibres/acrylic blends - Costica Sava, <b>Elena Onofrei</b> , Mariana Ichim Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, third edition, Arad 16th - 17th May 1996, Volume 12, p. 303 - 312.	4/3=1,33
		2.3.2.34	Study on the man-made fibres (STARPAN) spinning ability manufactured by I.C.E.F.S. S.A. Săvinești Costica Sava, Mariana Ichim, <b>Elena Onofrei</b> Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, third edition, Arad 16th - 17th May 1996, Volume 12, p. 296 - 302.	4/3=1,33
		2.3.2.35	Study concerning the influence of the weight regularity of the sliver feeded to the rotor spinner, on the characteristics of the cotton yarns Costica Sava, Mariana Ichim, <b>Elena Onofrei</b> Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, second edition, Arad 4th - 5th May 1994, p. 139 - 143.	4/3=1,33
		2.3.2.36	Study on the influence of the draft level to the characteristics of the cotton yarns, manufactured on the Open-End Spinning Machine Costica Sava, <b>Elena Onofrei</b> , Mariana Ichim Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, second edition, 4th-5th May 1994, p.85 - 92.	4/3=1,33
			<b>TOTAL 2.3.2.</b>	<b>53,067</b>
<b>2.5. Granturi/proiecte câștigate prin competiție sau cu mediul socio-economic (în valoare de minimum 2500 lei)</b>				
	2.5.1.	<b>Director/ Responsabil</b> Minimum 2D sau 4R pentru Profesor		
		2.5.1.1	Internaționale	20*val/(10 mii €)
			2.5.1.1.1 Grant de cercetare individual - <i>Conception of textile structure for sport applications</i> , finantat de C2T2- Minho University, Portugalia, în urma unei competiții internaționale în cadrul programului "Ciencia 2008", 14.11.2008-14.11.2011, 3.101,87 €/lună, total 111.667,32 €. (Director grant Onofrei E.)	20*111667,32/10000 =223,334
		2.5.1.2.	Naționale	10*val/(10 mii €)
			2.5.1.2.1 Contract de cercetare cu agent economic nr. 7794/08.04.2021, <i>Modelarea procesele dinamice de transfer termic prin medii poroase</i> , valoare contract 25.020 Ron, echivalent 5082,473 euro (1 Euro = 4,9228 lei, <a href="https://www.cursbnr.ro/arhiva-curs-bnr-2021-04-08">https://www.cursbnr.ro/arhiva-curs-bnr-2021-04-08</a> ) (Director contract cercetare Codău E.)	10*5082,473/10000= 5,082

		2.5.1.2.2	GI/P24/2021 - <i>Proiect pentru susținerea capacității de publicare</i> , Universitatea Tehnică "Gheorghe Asachi" din Iași, valoare 45.000 Ron, echivalent 9135 euro (1 Euro = 4,9261 lei, <a href="https://www.cursbnr.ro/arhiva-curs-bnr-2021-07-01">https://www.cursbnr.ro/arhiva-curs-bnr-2021-07-01</a> ), număr înregistrare proiect 20335/12.07.2021(Director grant Codău E.)	10*9135/10000=9,135
	2.5.2.	<b>Membru în echipă</b>		
		2.5.2.1	Internaționale	4*nr.ani
		2.5.2.1.1	HYDRAX Project - Design of innovative smart textile by flow-metric method to detect, characterize, and monitor thermal and mass transfers for firefighters, medical and sports and geotextile applications, proiect European Era-Net CROSSTEXNET, 01.11.2014 – 31.10.2015	4
		2.5.2.1.2	FLUTEX Project - Study of the thermo-regulation and humidity flux inside the multilayer textile of the fire fighters wear protective garments to optimize the comfort and the security, proiect European Era-Net CROSSTEXNET, 24.09.2012 – 23.09.2014	8
		2.5.2.2	Naționale	2*nr.ani
		2.5.2.2.1	Proiect, ROSE nr. 348/SGU/SS 2020-2024, " <i>Susținerea tinerilor ingineri – manageri!</i> " STIM@DIMA, la Facultatea de Design Industrial și Managementul Afacerilor, Director proiect I. Dulgheriu, membru în echipă (5 ani)	2*5=10
		2.5.2.2.2	Proiect ROSE 89/SGU/NC/I, 2018-2020, „ <i>Croiește-ți viitorul cu încredere!</i> " la Facultatea de Design Industrial și Managementul Afacerilor, Director proiect I. Dulgheriu, membru în echipă, (1 an)	2*1=2
		2.5.2.2.3	Proiect CNFIS – FDI - 2017 - 0206," <i>International la puterea t</i> " – <i>International t, de populare a platformei <a href="http://www.learning.tuiasi.ro">www.learning.tuiasi.ro</a> cu materiale educationale</i> , membru în echipă, (1 an - 2017)	2*1=2
		2.5.2.2.4	CEEX – Contract nr. 56/2010 <i>Sistem tehnologic integrat de producere a șnurului de etanșare 3D ecologic textil pentru aplicații industriale</i> Director de partener: I. Cioară (4 ani).	2*4=8
		2.5.2.2.5	PN II Parteneriat 72-148/2008 – <i>Tehnologii și nanomateriale de funcționalizare bioactivă tip barieră a suprafețelor textile</i> , Director de partener: C. Radu (3 ani)	2*3=6
		2.5.2.2.6	CEEX 54/2008 – <i>Textile tehnice multifuncționale pentru îmbrăcăminte de protecție</i> Director de partener: L. Cioară (3 ani)	2*3=6
		2.5.2.2.7	PN II Parteneriat 31-088/2007 – <i>Dezvoltare durabilă prin realizarea și testarea de articole tehnice textile țesute destinate proceselor curate din industrie</i> Director partener I. Cioară (3 ani)	2*3=6
		2.5.2.2.8	PNCD II, Program V - INOVARE, Proiect no.125/2007- ECHIMET- <i>Echipamente pentru realizarea de materiale ecologice obținute prin valorificarea deșeurilor textile</i> , Director de proiect: I. G. Lupu (3 ani).	2*3=6
		2.5.2.2.9	PNCD II Program V - INOVARE, Proiect no. 2/2007 - GAZONINSTANT - <i>Mediu de cultură ecologic pentru gazon instant, horticultură ornamentală și protecția mediului înconjurător</i> , Director de proiect: I. G. Lupu (3 ani).	2*3=6
		2.5.2.2.10	CEEX, Contract nr. 106/2006 <i>Cercetari exploratorii privind crearea și dezvoltarea interfeței consumator – produs de încălțăminte în vederea realizării prototipurilor virtuale</i> , Director de proiect: A. Mihai (3 ani).	2*3=6
		2.5.2.2.11	Grant CNCISIS – 27637/2005, Tema 12, <i>Soft educational pentru proiectarea structurii țesăturilor</i> Director de grant L. Cioară (1 an)	2*1=2
		2.5.2.2.12	Grant no. 212/03/ROM - 2004-2005 " <i>Italia - Romania – un distretto tessile commune</i> " Director de grant C.Sava (2 ani)	2*2=4
		2.5.2.2.13	Grant CNCISIS – 33371/2004, Tema 14, <i>Prognostarea performanțelor de țesere</i> Director de grant I. Cioară (1 an)	2*1=2
		2.5.2.2.14	Grant Banca Mondială nr. 26936/33/2000	2*3=6

				Optimizarea tehnologiei de filare a firelor tip bumbac și influența acesteia asupra proceselor ulterioare de țesere și tricotare, Director de grat M. Ciocoiu (3 ani)	
			2.5.2.2.15	Contract cu agent economic, contract nr. 2677/1996, încheiat cu S.C. ICEFS S.A. Săvinești Testarea fiabilității fibrelor sintetice tip STARPAN, produse la ICEFS S.A. cu bumbac și PAN, Beneficiar ICEFS S.A. Săvinești, director de proiect C.Sava (1 an).	2*1=2
			2.5.2.2.16	Grant MEC nr. 247 B4/1995 - faza 1, nr. 656 A1/1996 - faza a 2-a Studiu privind modificarea sistemului și liniei tehnologice în vederea realizării firelor tip bumbac fine și foarte fine din diferite amestecuri fibroase Beneficiar Ministerul Cercetării și Tehnologiei, director de proiect C.Sava (2 ani)	2*2=4
			2.5.2.2.17	Grant MEC nr. 369 pozitia B3/1994, nr. 247 poziția A5/1995 Amestecuri neconvenționale de fibre textile utilizate în filatura de bumbac Beneficiar Ministerul Cercetării și Tehnologiei, director de proiect C.Sava (2ani)	2*2=4
			2.5.2.2.18	Contract cu agent economic, contract nr. 7357/1995, încheiat cu ICEFS S.A. Săvinești Testarea fiabilității fibrelor sintetice noi, produse la ICEFS S.A., Beneficiar ICEFS S.A. Săvinești, director de proiect C.Sava (1 an).	2*1=2
				<b>TOTAL 2.5.</b>	<b>333,551</b>
				<b>TOTAL A.2</b>	<b>853,193</b>
<b>Condiții minimale A2</b>				<b>Punctaj candidat</b>	<b>Criteriu îndeplinit</b>
<b>Minim 300 puncte</b>				<b>853,193</b>	

Recunoasterea și impactul activității (A3)				
3.1. Vizibilitate în baze de date – Număr citări în publicații (fără autocitări)				
	3.1.1	Citări în articole indexate ISI		10/nr.autori articol citat
		440		<b>1220</b>
		Citări în articole indexate BDI		5/nr.autori articol citat
		89		<b>135,185</b>
	3.1.3	Citari in alte publicații		3/nr.autori articol citat
		166		<b>180,7</b>
		<a href="https://scholar.google.fr/citations?hl=fr&amp;user=mG9-qz4AAAAJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.fr/citations?hl=fr&amp;user=mG9-qz4AAAAJ&amp;view_op=list_works&amp;sortby=pubdate</a>	Total 3.1	<b>1535,885</b>

Recunoasterea și impactul activității (A3)				
3.1. Vizibilitate în baze de date – Număr citări în publicații (fără autocitari)				
	3.1.1.	Citări în articole indexate ISI		10/nr.autori articol citat
		1. The Influence of Knitted Fabrics' Structure on the Thermal and Moisture Management Properties Onofrei, E (Onofrei, Elena); Rocha, AM (Rocha, Ana Maria); Catarino, A (Catarino, Andre) JOURNAL OF ENGINEERED FIBERS AND FABRICS Volume: 6, Issue: 4, Pages: 10-22, Published: 2011		
		Citat în:		10/3
		1. Structure Design by Knitting: Combined Wicking and Drying Behaviour in Single Jersey Fabrics Made from Polyester Yarns, Pauly, L; Maier, L; (...); Gresser, GT, Jul 31 2025, FIBERS, 13 (8)		10/3



		2.	Statistical modelling and optimization of thermophysiological and tactile comfort properties of sports socks Afzal, A; Salman, T; (...); Muller, M, May 20 2025, SCIENTIFIC REPORTS	
		3.	Assessment of the Effectiveness of Hip Protector Pads Produced by Treated Warp Knitted Spacer Fabrics Ertekin, G, Aug 5 2025, ACS OMEGA 10 (30) , pp.33885-33896	10/3
		4.	Synthesis of <i>Acetobacter xylinum</i> Bacterial Cellulose Aerogels and Their Effect on the Selected Properties Sozcu, S; Frajova, J; (...); Militky, J, Apr 5 2025, GELS, 11 (4)	10/3
		5.	Thermo-physiological comfort properties of structurally and enzymatically modified knitted fabric for sportswear Debebe, E and Yilma, BB, Mar 2025, JOURNAL OF INDUSTRIAL TEXTILES	10/3
		6.	Thermophysiological comfort characterization of cut-protective fabric consisting of metallic core-covered yarn Hasan, MZ; Rathour, R; (...); Kumar, N Feb 2025 (Early Access), INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS	10/3
		7.	Relevant fabric parameters to be considered for optimizing combined drying and support properties of sports bras Jerkovic, I; Ebrahimi, S; (...); Rossi, RM Feb 2025, JOURNAL OF INDUSTRIAL TEXTILES	10/3
		8.	Comparison of Canopy Materials to Improve the Performance of Sea Anchors Used for Fishing Operations Kim, N; Kim, SH; (...); Ryu, KJ, 2025, JOURNAL OF MARINE SCIENCE AND TECHNOLOGY-TAIWAN	10/3
		9.	Eco-friendly Sustainable Farming: Enhancing Summer Tomato ( <i>Lycopersicon esculentum</i> Mill.) Yield with Jute Non-woven Agro textile Mulch N Mridha, D Nayak, A Yadav, T Mondal, RK Ghosh... - Heliyon, 2025 - cell.com	10/3
		10.	Thermophysiological Comfort Behaviour of Cut Protective Workwear Consisting of Filament Twisted Multicomponent Hybrid Yarn   [Termofiziološko udobje oblačil za zaščito pred urezom, izdelanih iz oplaččenih prej s hibridnimi filamentnimi prejami v jedru], Hasan, M.Z., Rathour, R., Das, A., Alagirusamy, R., Kumar, N., Tekstilec, 67(4), pp. 321-345, 2024	
		11.	Performance enhancement of the solar still using textiles and polyurethane rollers, Wiener, J., Khan, M.Z., Shah, K., Scientific Reports, 14(1),5202, 2024	10/3
		12.	Continuous Homogeneous Thin Liquid Film on a Single Cross-Shaped Profiled Fiber with High Off-Circularity: Toward Quick-Drying Fabrics, Xu, B., Shi, Z., Lu, C., (...), Jiang, L., Liu, H., Advanced Materials, 36(44),2403316, 2024	10/3
		13.	Physics-based modeling of the effective gas transport properties of single jersey knitted fabrics based on images, Pauly, L., Maier, L., Nieken, U., Gresser, G.T., Textile Research Journal, 94(21-22), pp. 2543-2561, 2024	10/3
		14.	The detection of blood, semen and saliva through fabrics: A pilot study, Beveridge, T., Szkuta, B., van Oorschot, R.A.H., Durdle, A., Forensic Science International, 361,112153, 2024	10/3
		15.	INVESTIGATION OF ACRYLIC/COTTON SINGLE JERSEY KNITTED FABRICS TREATED WITH TITANIUM DIOXIDE (TiO <sub>2</sub> ) NANOPARTICLES, El Messiry, M., Issa, M., Abdellatif, S., Egyptian Journal of Chemistry, 67(6), pp. 363-372, 2024	10/3
		16.	Effect of knitting structure and dyeing process on drying time, air and vapor permeability, Chakrour, M.G., Benltoufa, S., Ghith, A., Fayala, F., Textile Research Journal, 94(11-12), pp. 1263-1278, 2024	10/3
		17.	Through-thickness thermal conductivity characterisation of dry carbon fibre fabric, Reghat, M., Ravandi, M., Zinnecker, V., Di Pietro, A., Materials Letters, 361,136116, 2024	10/3
		18.	Hybrid knitted fabric for electromagnetic radiation shielding: thermo-physical properties, Bajzik, V., Kyzymchuk, O., Ocheretna, L., (...), Arabuli, A., Levytska, D., Textile Research Journal 94(7-8), pp. 814-828, 2024	10/3
		19.	Effect of Weft-Knitted Spacer Structures to Reduce Sweat Patch Visibility in Athleisure Wear Fabrics, Peiris, S., Jayawickrama, S., Randeniya, C., Madurangi, C., Lanarolle, G., Moratuwa Engineering Research Conference, MERCon, pp. 666-671, 2024 2024 - ieeexplore.ieee.org	10/3
		20.	Study of moisture management properties of tri-layer knitted fabrics made from hollow polyester, bamboo, spun polyester and polypropylene, Sadhna, Kumar, R., Udaya Krithika, S.M., (...), Kapoor, V., Prakash, C., Polymer Bulletin, 81(4), pp. 3513-3525, 2024	10/3
		21.	Research on Shape Memory Behaviour of Rib Knitted Fabric from Wool Yarn Descaled by Ultrasonic Wave, Dao, T.C.T., Duong, V.M.P., Nguyen, T.P., Nguyen, T.M.N., Chu, D.H., Materials Science Forum 1138, pp. 87-94, 2024	10/3
		22.	A Novel Moisture-Wicking and Fast-Drying Functional Bicomponent Fabric, Sun, S., Peng, M., Liu, J., (...), Yu, J., Li, G., Fibers and Polymers, 112120, 2024	10/3

		23.	Stretchable or elastomeric woven fabrics, Book Chapter, Peiris, S., Jayawickrama, S., Randeniya, C., Madurangi, C., Lanarolle, G., Moratuwa Engineering Research Conference, MERCon, pp.666-671, 2024	10/3
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		<b>6. Embedded textile heat flow sensor characterization and application</b> <b>TC. Codau, E. Onofrei, G. Bedek, D. Dupont, C. Cochrane</b> <b>Journal: Sensors &amp; Actuators: A. Physical, 235 (2015) p. 131–139.</b> <b><a href="https://www.sciencedirect.com/science/article/abs/pii/S0924424715301667?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0924424715301667?via%3Dihub</a></b> <b>autor corespondent</b>		
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		2.	Textiles intelligents–Approche système C Cochrane - 2018 - lilloa.univ-lille.fr	3/5
		3.	Influence of stripping solution's concentration on the seebeck coefficient of nickel-coated carbon fibers Hardianto A, Hertleer C, De Mey G and Van Langenhove L- J Fashion Technol Textile Eng 2018, S4DOI: 10.4172/2329-9568.S4-008	3/5
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		<b>7. Modeling of heat transfer through multilayer firefighter protective clothing</b> <b>Elena Onofrei, Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, Teodor-Cezar Codau,</b> <b>Industria Textila, vol. 65, no. 5, 2014, p.277-282.</b>		

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	3.	Vers la caractérisation thermique d'une tenue de protection pour sapeur-pompier S Dahamni, A Benarous - Nature & Technology, 64-70, 2018 - univ-chlef.dz	3/6
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	2.	Исследование результатов нанесения микрокапсулированных веществ с изменяемым фазовым состоянием на текстильный материал ОР Левшицкая, ДБ Рыклин - Физика волокнистых материалов ..., 2017 - elibrary.ru	3/3
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		<b>11. Study of Heat Transfer through Multilayer Textile Structure used in Firefighter Protective Clothing</b> <b>E Onofrei, S Petrusic, G Bedek, D Dupont, D Soulat</b> <b>13th Autex World Textile Conference May 22nd To 24th 2013, Dresden, Germany</b>		
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		<b>12. Thermal Comfort Properties of Knitted Fabrics Made of Elastane and Bioactive Yarns</b> <b>Elena Onofrei, Ana Maria Rocha and André Catarino</b> <b>Journal of Materials Science and Engineering A 1 (2011) 428-435</b> <b>Formerly part of Journal of Materials Science and Engineering, ISSN 1934-8959</b>		
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				<b>4</b>
		<b>13. Investigation of thermal comfort properties of firefighter protective clothing</b> <b>Stojanka Petrusic, Elena Onofrei, Gauthier Bedek, Daniel Dupont, Damien Soulat,</b> <b>4<sup>th</sup> ITMC Lille Metropole 2013 International Conference, ENSAIT, Roubaix, France, October 19-11, 2013.</b>		
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				<b>0,6</b>
		<b>14. Textile sensor for heat flow measurements</b> <b>Onofrei, E ; Codau, TC ; Bedek, G ; Dupont, D ; Cochrane, C.</b> <b>TEXTILE RESEARCH JOURNAL (2017), Volume: 87 Issue: 2 Pages: 165-174, <a href="https://journals.sagepub.com/doi/10.1177/0040517515627167">https://journals.sagepub.com/doi/10.1177/0040517515627167</a></b>		
		<b>Citat in:</b>		3/5
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		2.	Textiles intelligents–Approche système C Cochrane - 2018 - lilloa.univ-lille.fr	3/5
		3.	A Survey on Internet of Things for Smart Health Technologies LED Tan - Information Science, 2018 - researchgate.net	3/5
		4.	Разработка методологии комплексного проектирования детской одежды МУМИНОВА У.Т., ТАШПУЛАТОВ САЛИХ ШУКУРОВИЧ <sup>1</sup> , ЧЕРУНОВА ИРИНА ВИКТОРОВНА <sup>2</sup> , ШАРИПОВА С.И., ИНФОРМАЦИЯ О ПУБЛИКАЦИИ, eLIBRARY ID: 44389777, 2020 - elibrary.ru	3/5
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				<b>3,6</b>
		<b>15. Mathematical correlation of test methods for measuring water-vapour transmission through fabrics</b>		

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		Citat in:	3/6
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			<b>0,5</b>
		<b>16. Analysis of moisture evaporation from underwear designed for fire-fighters</b> E Onofrei, TC Codau, S Petrusic, G Bedek, D Dupont, D Soulat Autex Research Journal 15 (1), 35-47	
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	1.	Characterizing the Effects of Fabric Parameters on Drying Performance in Active Sportswear S Nasrin - 2023 - search.proquest.com	3/6
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<b>Alte citări: 166</b>			<b>180,7</b>

<b>3.3 (a) Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice/ (b) Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI</b>			
	3.3.1.	ISI	10p
	3.3.1.1	Recenzent Textile Research Journal, ISSN: 0040-5175, revistă cotată ISI Thomson, IF/2024 = 1,9	10
	3.3.1.2	Recenzent Journal of Industrial Textiles, ISSN: 1528-0837, revistă cotată ISI Thomson, IF/2024 = 2	10
	3.3.1.3	Recenzent Applied Thermal Engineering, revistă cotată ISI Thomson, IF/2024 = 6,9	10
	3.3.1.4	Recenzent Journal of Fashion Technology & Textile Engineering, revistă cotată ISI Thomson, IF/2019 = 0,98	10
	3.3.1.5	Recenzent Industria Textilă, revistă cotată ISI Thomson, IF/2024 = 0,9	10
	3.3.1.6	Recenzent Autex Research Journal, revistă cotată ISI Thomson, IF/2024 = 1,6	10
	3.3.2.	BDI	8p
	3.3.2.1	Revista română de textile-pielărie (Recenzată de World Textile Abstracts și de Referativnyi Zhurnal; inserată în Bibliographic databases Division - Elsevier Science; în evidența Centrului Național pentru Politică Științei și Scientometrie - CENAPPOSS)	8
		Cortep 2022 (2 lucrări) și 2024 (1 lucrare)	8
		Symposium Technical Textiles: Present and Future 2023 (1 lucrare)	8
	3.3.3.	Naționale și internaționale neindexate	5p
	3.3.3.1	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 21-22 Oct. 2011, Iași <a href="https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2011.pdf">https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2011.pdf</a>	5
	3.3.3.2	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 27-28 Nov. 2015, Iași <a href="https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2015.pdf">https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2015.pdf</a>	5
	3.3.3.3	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 10-11 Nov. 2017, Iași <a href="https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2017.pdf">https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2017.pdf</a>	5
	3.3.3.4	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 15 Nov.2019, Iași <a href="https://tdpt.ro/wp-content/uploads/2019/11/Tech-Tex-Symp-2019-First-A.pdf">https://tdpt.ro/wp-content/uploads/2019/11/Tech-Tex-Symp-2019-First-A.pdf</a>	5
	3.3.3.5	Membru în Comitetul de organizare Internațional Symposium: Present and Perspective in Textile Engineering, PER TEX 2005, 10-12 November 2005, Iași, Romania	5
<b>TOTAL 3.3</b>			<b>109</b>

<b>3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ</b>				
	3.4.1		Conducere	5*nr.ani
		3.4.1.1	Presedinte comisie examen bacalaureat 2008, Colegiul Tehnic "Samuil Isopescu", Suceava	5
		3.4.1.2	Presedinte comisie grad, candidat Alecu (Comandar) Ileana, Liceul Tehnologic Tufeni, jud. Olt, Comisia numită prin adresa MEN / ISJ nr. nr. 36105/28.10.2020, 14.05.2021	5
	3.4.2		Membru	2*nr.ani
		3.4.2.1	Membru în comisia de acreditare a specializării „Tehnologia și designul produselor textile” studii de licență) la Facultatea de Design Industrial și Managementul Afacerilor din Iași, 2021	2
		3.4.2.2	Membru în comisia pentru finalizarea studiilor universitare de licență, FTPMI - specializarea TDPT- iunie 2019, 2024	4
		3.4.2.3	Membru în comisia pentru finalizarea studiilor universitare de master, FTPMI – Asigurarea calității în domeniul textile-pielărie - iunie 2019 (1 an)	2
		3.4.2.4	Membru în comisia de admitere, 2019	2
		3.4.2.5	Expert evaluator granturi naționale de cercetare – ARUT (2018) si internationale de cercetare	2
		3.4.2.6	Membru echipa de îndrumare cercetare pentru finalizarea studiilor de doctorat (Drug (Luca) Alexandra, coordonator Prof. Dr. Ing. Ioan Cioară, 2016-2017 și Melinte Ligia, coordonator Prof. Dr. Ing. Avram Dorin, 2021), Zvonaru Razvan, coordonator Prof. Dr. Ing. Daniela Farima, 2023, 2024, 2025) – 7 comisii	14
		3.4.2.7	Consiliul facultății – (2012)	2
		3.4.2.8	Membru în comisia de acreditare a specializării „Tehnologia și designul produselor textile” studii de licență) la Facultatea deTextile – Pielărie și Management Industrial din Iași, 2008,	2
		3.4.2.9	Membru în comisia de orar, 1998/1999	2
		3.4.2.10	Membru în comisia de licență, 2004-2008, 5 ani, 9 comisii	10
			<b>TOTAL 3.4</b>	<b>52</b>
<b>3.5 Premii (Academia Română, ASAS, AOSR, academii de ramură și CNCSIS, premii internaționale, premii naționale în domeniu)</b>				
	3.5.1.		Academia Română	
	3.5.2.		ASAS, AOSR, academii de ramură și CNCS	15 p
		3.5.2.1.	Premiu CNCSIS pentru articolul "Textile sensor for heat flow measurements" (TEXTILE RESEARCH JOURNAL) - Premiarea rezultatelor cercetării – Articole, Competiția 2017, PN-III-P1-1.1- PRECISI-2017- 15140, Proiect finanțat CDI_Resurse Umane. Subprogram 1.1 - Resurse Umane - Premiarea rezultatelor cercetării - Articole, Competitia 2017 Rezultate evaluare_Lista 1 - Articole publicate in anul 2017 Actualizata 15.12.201 <a href="https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole">https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole</a>	15
		3.5.2.2.	Premiu CNCSIS pentru articolul "Embedded Textile Heat Flow Sensor Characterization and Application" (SENSORS AND ACTUATORS A-PHYSICAL) - Premiarea rezultatelor cercetării – Articole, Competiția 2016, PN-III-P1-1.1- PRECISI-2016 - 12759, Proiect finanțat CDI_Resurse Umane. SUBPROGRAM RESURSE UMANE - PREMIAREA REZULTATELOR CERCETARII - ARTICOLE - COMPETITIA 2016 REZULTATE EVALUARE LISTA 6 ACTUALIZATA 16.12.2016 <a href="https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole">https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole</a>	15
		3.5.2.3.	Premiu CNCSIS pentru articolul "Study of heat transfer through multilayer protective clothing at low-level thermal radiation" (JOURNAL OF INDUSTRIAL TEXTILES) - Premiarea rezultatelor cercetării – Articole, Competiția 2015, PN-III-P1-1.1- PRECISI-2015-10504, Proiect finanțat CDI_Resurse Umane. SUBPROGRAM RESURSE UMANE - PREMIAREA REZULTATELOR CERCETARII ARTICOLE REZULTATE EVALUARE LISTA 6 ACTUALIZATA 18.12.2015 <a href="https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole">https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole</a>	15
		3.5.2.4.	Premiu CNCSIS pentru articolul " Moisture management of underwear fabrics and linings of firefighter protective clothing assemblies" (JOURNAL OF THE TEXTILE INSTITUTE) - Premiarea rezultatelor cercetării – Articole, Competiția 2015, PN-III-P1-1.1- PRECISI-2015-10505, Proiect finanțat CDI_Resurse Umane. SUBPROGRAM RESURSE UMANE - PREMIAREA REZULTATELOR CERCETARII ARTICOLE REZULTATE EVALUARE LISTA 6 ACTUALIZATA 18.12.2015 <a href="https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole">https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole</a>	15

	3.5.4.	Premii naționale în domeniu		5 p		
		3.5.4.1	Premiul AGIR 2004 în domeniul „Ingineria Textilelor și Pielăriei”, acordat de Asociația Generală a Inginerilor din România – Societatea Inginerilor Textiliști, pentru contribuția la elaborarea tratatului de inginerie textilă „Manualul Inginerului Textilist”.	5		
		TOTAL 3.5			65	
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				
	3.6.4.	Asociații profesionale				
		3.6.4.1.	Internaționale		5p	
			Membru BASTE		5	
			Membru GEMTEX (2012-2015)		5	
			Membru C2T2 (2008-2011)		5	
		3.6.4.2.	Naționale		3p	
			Membru ASITEX Iași		3	
			Membru AGIR		3	
	3.6.5.	Organizații în domeniul educației și cercetării				
		3.6.5.1.	Conducere			
		3.6.5.2.	Membru		5p	
			3.6.5.2.1	Membru ResearchGate	5	
			TOTAL 3.6			26
			TOTAL A.3			1787,885
Condiții minimale A3			Punctaj candidat		Criteriu îndeplinit	
Minim 100 puncte			1787,885			

Data: 08.12.2025

Candidat,

Conf. Dr. Ing. Elena Codău

