

**UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAȘI**  
**FACULTATEA DE DESIGN INDUSTRIAL ȘI MANAGEMENTUL AFACERILOR**  
**DEPARTAMENTUL DE INGINERIE CHIMICĂ ÎN TEXTILE ȘI PIELĂRIE**

Concurs pentru ocuparea postului de **CONFERENȚIAR UNIVERSITAR**, poz. 3

Disciplinele postului:   Procese Și Utilaje În Finisarea Textilelor II  
                                  Procese Și Utilaje În Finisarea Materialelor Textile din Fibre Naturale  
                                  Textile Aromoterapeutice

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

publicat în Monitorul Oficial al României nr. 395 din data de 28.11.2024

Candidat: Angela Dănilă / Data nașterii: 16.05.1983 Funcția actuală: Șef de lucrări, Data numirii în funcția actuală: 06.02.2015 (Ordin de titularizare nr. 255/06.02.2015)

Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași.

În conformitate cu ORDIN nr. 6129 din 20 decembrie 2016 privind aprobarea standardelor minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare-dezvoltare, în

ANEXA nr. 8: COMISIA INGINERIE CHIMICĂ, INGINERIE MEDICALĂ, ȘTIINȚA MATERIALELOR ȘI NANOMATERIALE sunt prevăzute următoarele standarde:

„Se definesc:

NTOP = număr total de articole în reviste ISI situate în top 25% (zona roșie) în calitate de autor principal. Situația revistelor în top 25% se judecă pe cazul cel mai favorabil pentru candidat, fie la momentul publicării, fie la data înscrierii la concurs.

FIC = factor de impact cumulat (suma factorilor de impact ai revistelor la momentul înscrierii la concursul pentru ocuparea unei poziții didactice)

NP = număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)

NC = număr total de citări (din baza SCOPUS) (se exclud autocitățile candidatului)

NCO = număr contracte de cercetare-dezvoltare-inovare obținute prin competiție la nivel național sau internațional ori contracte de cercetare-dezvoltare-inovare cu terții în valoare minimă echivalentă cu 10.000 Euro

Articolele pentru calculul NTOP, FIC, NP, NC se vor lua în considerare numai dacă la data publicării revista era indexată ISI, iar la data înscrierii la concurs a candidatului articolele sunt vizibile în WoS sau dacă se prezintă ca reprinturi (inclusiv cu paginația revistei).

**Concurs de Conferențiar/CS II**

Standarde minime (cumulative):

a)  $NTOP \geq 2$

b)  $NP \geq 10$

c)  $FIC \geq 15$

În acest caz în calculul FIC se ține seamă de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal și respectiv de factorul de impact împărțit la numărul de autori pentru revistele în care candidatul a publicat un articol în care nu este autor principal

d)  $NC \geq 50$

Brevetele naționale ( $FI = 1$ ) și internaționale ( $FI = 3$ ) intră în calculul FIC de la punctul c)

e)  $NCO \geq 1$  (în calitate de Director proiect/Responsabil proiect).

Tabel centralizator cu valorile obținute pentru standardele NTOP, NP, FIC, NC și NCO

Standarde minime la nivel național	Impus	Realizat	Concluzia
<b>NTOP</b> Număr total de articole în reviste ISI situate în top 25% (zona roșie) în calitate de autor principal. Situația revistelor în top 25% se judecă pe cazul cel mai favorabil pentru candidat, fie la momentul publicării, fie la data înscrierii la concurs.	<b>2</b>	<b>4</b>	<b>Îndeplinit</b>
<b>NP</b> Număr articole în reviste ISI la care candidatul este autor principal (prim autor sau autor de corespondență)	<b>10</b>	<b>13</b>	<b>Îndeplinit</b>
<b>FIC</b> Factor de impact cumulat (suma factorilor de impact ai revistelor la momentul înscrierii la concursul pentru ocuparea unei poziții didactice) <i>În acest caz în calculul FIC se ține seamă de factorul de impact al revistei la care candidatul a publicat un articol ca autor principal și respectiv de factorul de impact împărțit la numărul de autori pentru revistele în care candidatul a publicat un articol în care nu este autor principal.</i>	<b>15</b>	<b>39,141</b>	<b>Îndeplinit</b>
<b>NC</b> Număr total de citări (din baza SCOPUS) (se exclud autocitările candidatului)	<b>50</b>	<b>189</b>	<b>Îndeplinit</b>
<b>NCO</b> Număr contracte de cercetare-dezvoltare-inovare obținute prin competiție la nivel național sau internațional ori contracte de cercetare-dezvoltare-inovare cu terții în valoare minimă echivalentă cu 10.000 Euro	<b>1</b>	<b>1</b>	<b>Îndeplinit</b>

## JUSTIFICAREA PUNCTAJULUI PENTRU NTOP

Nr. crt.	Lista articolelor publicate în reviste ISI situate în top 25% (zona roșie) în calitate de autor principal	JIF Quartile (conform JCR iunie 2024)
	<b>Danila, A., Costea, M., Profire, L., Rimbu, C. M., Baican, M., Lupascu, F., Tatarusanu, S., Profire, B., &amp; Muresan, E. (2021). A Sustainable Approach to a Cleaner Production of Antimicrobial and Biocompatible Protein Fibers. Polymers, 14(15), 3194. <a href="https://doi.org/10.3390/polym14153194">https://doi.org/10.3390/polym14153194</a></b> Accession Number <b>WOS:000840202600001</b>	Q1

1	<div>IF la data publicării - <b>4.967</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000840202600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000840202600001</a></div> <div>Quartilele revistelor indexate in Web of Science Core Collection, editiile Science Citation Index-Expanded (SCIE), Social Sciences Citation Index (SSCI), Arts Humanities Citation Index (AHCI), Emerging Sources Citation Index (ESCI), iunie 2024</div> <table><tr><th>Journal name</th><th>ISSN</th><th>eISSN</th><th>Category</th><th>Edition</th><th>JIF Quartile</th></tr><tr><td>POLYMER-KOREA</td><td>0379-153X</td><td>2234-8077</td><td>POLYMER SCIENCE</td><td>SCIE</td><td>Q4</td></tr><tr><td>Polymer-Plastics Technology and Materials</td><td>2574-0881</td><td>2574-089X</td><td>POLYMER SCIENCE</td><td>SCIE</td><td>Q3</td></tr><tr><td>Polymers</td><td>N/A</td><td>2073-4360</td><td>POLYMER SCIENCE</td><td>SCIE</td><td>Q1</td></tr></table>	Journal name	ISSN	eISSN	Category	Edition	JIF Quartile	POLYMER-KOREA	0379-153X	2234-8077	POLYMER SCIENCE	SCIE	Q4	Polymer-Plastics Technology and Materials	2574-0881	2574-089X	POLYMER SCIENCE	SCIE	Q3	Polymers	N/A	2073-4360	POLYMER SCIENCE	SCIE	Q1																																																																																																																																																							
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DOI10.1016/j.ijbiomac.2021.09.090, Accession Number <b>WOS:000710244500007</b>, IF la data publicării - <b>8.025</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000710244500007">https://www.webofscience.com/wos/woscc/full-record/WOS:000710244500007</a></div> <div>Quartilele revistelor indexate in Web of Science Core Collection, editiile Science Citation Index-Expanded (SCIE), Social Sciences Citation Index (SSCI), Arts Humanities Citation Index (AHCI), Emerging Sources Citation Index (ESCI), iunie 2024</div> <table><tr><th>Journal name</th><th>ISSN</th><th>eISSN</th><th>Category</th><th>Edition</th><th>JIF Quartile</th></tr><tr><td>Chemical Industry &amp; Chemical Engineering Quarterly</td><td>1451-9372</td><td>2217-7434</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q4</td></tr><tr><td>CHEMISTRY &amp; INDUSTRY</td><td>0009-3068</td><td>2047-6329</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q4</td></tr><tr><td>Chinese Journal of Catalysis</td><td>0253-9837</td><td>1872-2067</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q1</td></tr><tr><td>COLOR RESEARCH AND APPLICATION</td><td>0361-2317</td><td>1520-6378</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q4</td></tr><tr><td>COLORATION TECHNOLOGY</td><td>1472-3581</td><td>1478-4408</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q3</td></tr><tr><td>COMBINATORIAL CHEMISTRY &amp; HIGH THROUGHPUT SCREENING</td><td>1386-2073</td><td>1875-5402</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q3</td></tr><tr><td>DYES AND PIGMENTS</td><td>0143-7208</td><td>1873-3743</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q2</td></tr><tr><td>FLAVOUR AND FRAGRANCE JOURNAL</td><td>0882-5734</td><td>1099-1026</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q3</td></tr><tr><td>Food Additives &amp; Contaminants Part B-Surveillance</td><td>1939-3210</td><td>1939-3229</td><td>CHEMISTRY, APPLIED</td><td>SCIE</td><td>Q2</td></tr><tr><td>Food Additives and Contaminants Part A-Chemistry 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3	<div><b>Cerempei, A.</b>, Muresan, E. I., Cimpoesu, N., Carp-Carare, C., Rimbu, C. (2016). <i>Dyeing and antibacterial properties of aqueous extracts from quince (Cydonia oblonga) leaves</i>, Industrial Crops and Products, Vol. 94, pp. 216–225, 2016, ISSN: 0926-6690, DOI10.1016/j.indcrop.2016.08.018, Accession Number <b>WOS:000387298100022</b>, IF la data publicării - <b>3.181</b></div>	Q1																																																																																																																																																																														

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Quartilele revistelor indexate in Web of Science Core Collection, editiile Science Citation Index-Expanded (SCIE), Social Sciences Citation Index (SSCI), Arts Humanities Citation Index (AHC), Emerging Sources Citation Index (ESCI), iunie 2024

Journal name	ISSN	eISSN	Category	Edition	JIF Quartile
Crop Journal	2095-5421	2214-5141	AGRONOMY	SCIE	Q1
Crop Protection	0261-2194	1873-6904	AGRONOMY	SCIE	Q1
CROP SCIENCE	0011-183X	1435-0653	AGRONOMY	SCIE	Q2
Czech Journal of Genetics and Plant Breeding	1212-1975	1805-9325	AGRONOMY	SCIE	Q3
Egyptian Journal of Agronomy	0379-3575	2357-0288	AGRONOMY	ESCI	Q4
Emirates Journal of Food and Agriculture	2079-052X	2079-0538	AGRONOMY	SCIE	Q3
EUPHYTICA	0014-2336	1573-5060	AGRONOMY	SCIE	Q2
EUROPEAN JOURNAL OF AGRONOMY	1161-0301	1873-7331	AGRONOMY	SCIE	Q1
EUROPEAN JOURNAL OF PLANT PATHOLOGY	0929-1873	1573-8469	AGRONOMY	SCIE	Q2
FIELD CROPS RESEARCH	0378-4290	1872-6852	AGRONOMY	SCIE	Q1
Frontiers in Agronomy	N/A	2673-3218	AGRONOMY	ESCI	Q1
Frontiers of Agricultural Science and Engineering	2095-7505	2095-977X	AGRONOMY	ESCI	Q1
GENETIC RESOURCES AND CROP EVOLUTION	0925-9864	1573-5109	AGRONOMY	SCIE	Q2
Gesunde Pflanzen	0367-4223	1439-0345	AGRONOMY	SCIE	Q1
Global Change Biology Bioenergy	1757-1693	1757-1707	AGRONOMY	SCIE	Q1
GRASS AND FORAGE SCIENCE	0142-5242	1365-2494	AGRONOMY	SCIE	Q1
GRASSLAND SCIENCE	1744-6961	1744-697X	AGRONOMY	SCIE	Q3
in silico Plants	N/A	2517-5025	AGRONOMY	ESCI	Q1
INDUSTRIAL CROPS AND PRODUCTS	0926-6690	1872-633X	AGRONOMY	SCIE	Q1
International Agrophysics	0236-8722	2300-8725	AGRONOMY	SCIE	Q2
International Journal of Agronomy	1687-8159	1687-8167	AGRONOMY	ESCI	Q2
International Journal of Plant Production	1735-6814	1735-8043	AGRONOMY	SCIE	Q2
International Journal of Wine Business Research	1751-1062	1751-1070	AGRONOMY	ESCI	Q1
IRRIGATION AND DRAINAGE	1531-0353	1531-0361	AGRONOMY	SCIE	Q2
IRRIGATION SCIENCE	0342-7188	1432-1319	AGRONOMY	SCIE	Q1
Italian Journal of Agrometeorology-Rivista Italiana di Agrometeorologia	2038-5625	2038-5625	AGRONOMY	SCIE	Q2
Italian Journal of Agronomy	1125-4718	2039-6805	AGRONOMY	SCIE	Q1
ITEA-Informacion Tecnica Economica Agraria	1699-6887	2386-3765	AGRONOMY	SCIE	Q4
Journal fur Kulturpflanzen	1867-0911	1867-0938	AGRONOMY	ESCI	Q4

4

**Cerempei, A.**, Guguianu, E., Muresan, E. I., Horhoge, C., Rîmbu, C., Borhan O. (2015). *Antimicrobial Controlled Release Systems for the Knitted Cotton Fabrics Based on Natural Substances*, Fibers and Polymers, Vol. 16, No.8, pp. 1688-1695, 2015, ISSN: 1229-9197, DOI10.1007/s12221-015-4551-3, Accession Number **WOS:000360569900010**  
IF la data publicării - **1.022**  
<https://www.webofscience.com/wos/woscc/full-record/WOS:000360569900010>

Q1

Quartilele revistelor indexate in Web of Science Core Collection, editiile Science Citation Index-Expanded (SCIE), Social Sciences Citation Index (SSCI), Arts Humanities Citation Index (AHCI), Emerging Sources Citation Index (ESCI), iunie 2024					
Journal name	ISSN	eISSN	Category	Edition	JIF Quartile
WOCHENBLATT FUR PAPIERFABRIKATION	0043-7131	0043-7131	MATERIALS SCIENCE, PAPER & WOOD	SCIE	Q4
WOOD AND FIBER SCIENCE	0735-6161	0735-6161	MATERIALS SCIENCE, PAPER & WOOD	SCIE	Q3
Wood Material Science & Engineering	1748-0272	1748-0280	MATERIALS SCIENCE, PAPER & WOOD	SCIE	Q1
WOOD RESEARCH	1336-4561	N/A	MATERIALS SCIENCE, PAPER & WOOD	SCIE	Q3
WOOD SCIENCE AND TECHNOLOGY	0043-7719	1432-5225	MATERIALS SCIENCE, PAPER & WOOD	SCIE	Q1
AATCC Journal of Research	2472-3444	2330-5517	MATERIALS SCIENCE, TEXTILES	SCIE	Q4
AATCC REVIEW	1532-8813	1532-8813	MATERIALS SCIENCE, TEXTILES	SCIE	Q4
Advanced Fiber Materials	2524-7921	2524-793X	MATERIALS SCIENCE, TEXTILES	SCIE	Q1
Autex Research Journal	1470-9589	2300-0929	MATERIALS SCIENCE, TEXTILES	SCIE	Q3
CELLULOSE	0969-0239	1572-882X	MATERIALS SCIENCE, TEXTILES	SCIE	Q1
COLORATION TECHNOLOGY	1472-3581	1478-4408	MATERIALS SCIENCE, TEXTILES	SCIE	Q2
DYES AND PIGMENTS	0143-7208	1873-3743	MATERIALS SCIENCE, TEXTILES	SCIE	Q1
Fashion and Textiles	2198-0802	2198-0802	MATERIALS SCIENCE, TEXTILES	SCIE	Q1
FIBERS AND POLYMERS	1229-9197	1875-0052	MATERIALS SCIENCE, TEXTILES	SCIE	Q1
TOTAL				NTOP = 4	

#### JUSTIFICAREA PUNCTAJULUI PENTRU NP

Nr. crt.	Articolul și publicația	Statutul autorului
1	Lotos, E., <b>Danila, A.*</b> , Vasiliu, A., Rosca, I., Stroian, D., Simionescu, B. C., Mihai, M. (2024). <i>The potential emulsions of xanthan gum and Daucus carota macerated oil in functional textiles for skincare applications: Formulation, characterization, and performance evaluation</i> . Colloids and Surfaces A: Physicochemical and Engineering Aspects, 682, 132960. <a href="https://doi.org/10.1016/j.colsurfa.2023.132960">https://doi.org/10.1016/j.colsurfa.2023.132960</a> , Accession Number <b>WOS:001138452500001</b> IF la data publicării - <b>4.9</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001138452500001">https://www.webofscience.com/wos/woscc/full-record/WOS:001138452500001</a>	Autor corespondent
2	<b>Danila, A.</b> , Costea, M., Profire, L., Rimbu, C. M., Baican, M., Lupascu, F., Tatarusanu, S., Profire, B., Muresan, E. (2021). <i>A Sustainable Approach to a Cleaner Production of Antimicrobial and Biocompatible Protein Fibers</i> . Polymers, 14(15), 3194. <a href="https://doi.org/10.3390/polym14153194">https://doi.org/10.3390/polym14153194</a> Accession Number <b>WOS:000840202600001</b> IF la data publicării - <b>4.967</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000840202600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000840202600001</a>	Prim autor
3	<b>Danila, A.</b> , Muresan, E. I., Ibanescu, S. A., Popescu, A., Danu, M., Zaharia, C., Türkoglu, G. C., Erkan, G., Staras, A. I. (2021). <i>Preparation, characterization, and application of polysaccharide-based emulsions incorporated with lavender essential oil for skin-friendly cellulosic support</i> , International Journal of Biological Macromolecules 191 (2021) 405–413, DOI10.1016/j.ijbiomac.2021.09.090,	Prim autor

	Accession Number <b>WOS:000710244500007</b> IF la data publicării - <b>8.025</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000710244500007">https://www.webofscience.com/wos/woscc/full-record/WOS:000710244500007</a>	
4	<b>Danila, A.</b> , Ibanescu, S. A., Zaharia, C., Muresan, E. I., Popescu, A., Danu, M., Rotaru, V. (2020). <i>Eco-friendly O/W emulsions with potential application in skincare products</i> , Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 612, 5 March 2021, Article number 125969, DOI10.1016/j.colsurfa.2020.125969, Accession Number <b>WOS:000616025000006</b> IF la data publicării - <b>5.518</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000616025000006">https://www.webofscience.com/wos/woscc/full-record/WOS:000616025000006</a>	Prim autor
5	Muresan, E. I., Rosu, G., <b>Danila*, A.</b> , Drobota, M., Doroftei F., Radu, C. D. (2019). <i>Improving the properties of the polyester fabrics by grafting with 3-chloro-2-hydroxypropyl acrylate</i> , Journal of Engineered Fibers and Fabrics, Volume 14: 1–9, 2019, Accession Number <b>WOS:000468889200001</b> IF la data publicării - <b>0.814</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000468889200001">https://www.webofscience.com/wos/woscc/full-record/WOS:000468889200001</a>	Autor correspondent
6	<b>Cerempei, A.</b> , Muresan, E. I., Cimpoesu, N., Carp-Carare, C., Rimbu, C. (2016). <i>Dyeing and antibacterial properties of aqueous extracts from quince (Cydonia oblonga) leaves</i> , Industrial Crops and Products, Vol. 94, pp. 216–225, 2016, ISSN: 0926-6690, DOI10.1016/j.indcrop.2016.08.018 Accession Number <b>WOS:000387298100022</b> IF la data publicării - <b>3.181</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000387298100022">https://www.webofscience.com/wos/woscc/full-record/WOS:000387298100022</a>	Prim autor
7	<b>Cerempei, A.</b> , Muresan, E. I., Chirila, L., Sandu, I. (2016). <i>Functionalization of Linen Knitted Fabric with Beeswax/Essential Oil Systems</i> , REV.CHIM.(Bucharest) Vol. 67, No. 10, pp. 2039-2042, 2016, ISSN 0034-7752, Accession Number <b>WOS:000388359900031</b> IF la data publicării - <b>1.232</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000388359900031">https://www.webofscience.com/wos/woscc/full-record/WOS:000388359900031</a>	Prim autor
8	<b>Cerempei, A.</b> , Guguianu, E., Muresan, E. I., Horhoge, C., Rîmbu, C., Borhan O. (2015). <i>Antimicrobial Controlled Release Systems for the Knitted Cotton Fabrics Based on Natural Substances</i> , Fibers and Polymers, Vol. 16, No.8, pp. 1688-1695, 2015, ISSN: 1229-9197, DOI10.1007/s12221-015-4551-3, Accession Number <b>WOS:000360569900010</b> IF la data publicării - <b>1.022</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000360569900010">https://www.webofscience.com/wos/woscc/full-record/WOS:000360569900010</a>	Prim autor
9	<b>Cerempei, A.</b> , Muresan, E. I., Sandu, I., Chirila, L., Sandu, I. (2014). <i>Textile Materials with Controlled Release of Rosemary Essential Oil</i> , Rev. Chim., Vol. 65, No.9, pp.1154-1157, 2014, ISSN 0034-7752, Accession Number <b>WOS:000344719500007</b> IF la data publicării - <b>0.810</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000344719500007">https://www.webofscience.com/wos/woscc/full-record/WOS:000344719500007</a>	Prim autor
10	Balan, G., Muresan, E. I., Popescu, V., <b>Cerempei, A*</b> , Muresan, A., Sandu, I. (2014). <i>Alternative hydrophobic treatments applied on dyed fabrics</i> , Rev. Chim., Vol. 65, No. 9, pp. 1052-1057, 2014, ISSN 0034-7752, Accession Number <b>WOS:000343965900013</b> IF la data publicării - <b>0.810</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000343965900013">https://www.webofscience.com/wos/woscc/full-record/WOS:000343965900013</a>	Autor correspondent
11	<b>Cerempei, A.</b> , Danko, A., Popescu, C., Muresan, R., Muresan, A. (2014). <i>Textile materials treated with antimicrobial skin care emulsion optimized by mathematical modelling</i> , Industria textila, Vol. 65, No. 4, pp. 213-219, 2014, ISSN: 1222-5347,	Prim autor



	Accession Number <b>WOS:000340444300005</b> IF la data publicării - <b>0.570</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000340444300005">https://www.webofscience.com/wos/woscc/full-record/WOS:000340444300005</a>	
12	<b>Cerempei, A.</b> , Muresan, E. I., Cimpoesu, N. (2014). <i>Biomaterials with controlled release of geranium essential oil</i> , Journal of Essential Oil Research, Vol. 26, No. 4, pp. 267–273, 2014, ISSN 1041-2905 (Print), 2163-8152 (Online), DOI10.1080/10412905.2014.910711, Accession Number <b>WOS:000338021700006</b> IF la data publicării - <b>0.787</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000338021700006">https://www.webofscience.com/wos/woscc/full-record/WOS:000338021700006</a>	Prim autor
13	<b>Cerempei, A.</b> , Ciobanu, L., Muresan, E., Măluțan, C., Butnaru, R. (2010). <i>Textile materials functionalised with natural biologically active compounds</i> , Romanian Biotechnological letters, Vol. 15, nr. 5, pp. 5537-5544, 2010, Accession Number <b>WOS:000283884600003</b> IF la data publicării - <b>0.219</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000283884600003">https://www.webofscience.com/wos/woscc/full-record/WOS:000283884600003</a>	Prim autor
<b>TOTAL</b>		<b>NP = 13</b>

#### JUSTIFICAREA PUNCTAJULUI PENTRU FIC

Nr. crt.	Articolul și publicația	Factorul de impact al publicației	Statutul autorului	Factorul de impact calculat
1	Lotos, E., <b>Danila, A.*</b> , Vasiliu, A., Rosca, I., Stroian, D., Simionescu, B. C., Mihai, M. (2024). <i>The potential emulsions of xanthan gum and Daucus carota macerated oil in functional textiles for skincare applications: Formulation, characterization, and performance evaluation</i> . Colloids and Surfaces A: Physicochemical and Engineering Aspects, 682, 132960. <a href="https://doi.org/10.1016/j.colsurfa.2023.132960">https://doi.org/10.1016/j.colsurfa.2023.132960</a> , Accession Number <b>WOS:001138452500001</b> IF la data publicării - <b>4.9</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001138452500001">https://www.webofscience.com/wos/woscc/full-record/WOS:001138452500001</a>	4,9	Autor corespondent	4,9
2	Rosu, G., Muresan, E. I., Spac, A. F., Diaconu, M., Ciolacu, D. E., Danila, A., Tita, C., Muresan, A. (2023). <i>Aromatherapeutic and Antibacterial Properties of Cotton Materials Treated with Emulsions Containing Peppermint Essential Oil (Menthae piperitae aetheroleum)</i> . Polymers, 15(10), 2348. <a href="https://doi.org/10.3390/polym15102348">https://doi.org/10.3390/polym15102348</a> Accession Number <b>WOS:000996614200001</b> IF la data publicării - <b>4.7</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000996614200001">https://www.webofscience.com/wos/woscc/full-record/WOS:000996614200001</a>	4,7	Coautor	0,587
3	Cuturicu, L. L., Radu, C. D., Rusu, A. R., Lacătușu, C., Danila, A., Rîmbu, C. M., Munteanu, C., Istrate, B., Scripcariu, V., Lupascu, G., Luca, S. (2023). <i>STUDIES ON RELEASE OF RIFAMPICIN FROM CHITOSAN-BASED HYDROGEL</i> . Cellulose Chemistry and Technology, DOI10.35812/CelluloseChemTechnol.2023.57.26, Accession Number <b>WOS:001005161600004</b> IF la data publicării - <b>1.3</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001005161600004">https://www.webofscience.com/wos/woscc/full-record/WOS:001005161600004</a>	1,3	Coautor	0,118
4	Cuturicu, L. L., Macarel, V. C., Rusu, R. A., Lacatusu, C., Danila, A., Statescu, L., Rimbu, C. M., Radu, C. D., Luca, S. (2023). <i>A textile device for the therapy of patients with burn wounds by the use of a drug delivery from a hydrogel to dermis</i> .	2,2	Coautor	0,244

	Journal of Engineered Fibers and Fabrics. <a href="https://doi.org/10.1177/15589250231166113">https://doi.org/10.1177/15589250231166113</a> , DOI10.1177/15589250231166113, Accession Number <b>WOS:001103968900001</b> IF la data publicării - <b>2.2</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001103968900001">https://www.webofscience.com/wos/woscc/full-record/WOS:001103968900001</a>			
5	<b>Danila, A.</b> , Costea, M., Profire, L., Rimbu, C. M., Baican, M., Lupascu, F., Tatarusanu, S., Profire, B., Muresan, E. I. (2021). <i>A Sustainable Approach to a Cleaner Production of Antimicrobial and Biocompatible Protein Fibers</i> . <i>Polymers</i> , 14(15), 3194. <a href="https://doi.org/10.3390/polym14153194">https://doi.org/10.3390/polym14153194</a> Accession Number <b>WOS:000840202600001</b> IF la data publicării - <b>4.967</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000840202600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000840202600001</a>	4,7	Prim autor	4,7
6	Chirila, L., Popescu, A., Cerempei, A., Constantinescu, R. R., Olaru, S., Stan, M. (2022). <i>Eco-friendly antibacterial and biocompatible coatings by applying cinnamon essential oil and propolis based emulsions on cotton textiles</i> . <i>Journal of Natural Fibers</i> , 19(16), 14435–14448. <a href="https://doi.org/10.1080/15440478.2022.2064397">https://doi.org/10.1080/15440478.2022.2064397</a> , Accession Number <b>WOS:000783413900001</b> IF la data publicării - <b>3.5</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000783413900001">https://www.webofscience.com/wos/woscc/full-record/WOS:000783413900001</a>	2,8	Coautor	0,466
7	<b>Danila, A.</b> , Muresan, E. I., Ibanescu, S. A., Popescu, A., Danu, M., Zaharia, C., Türkoglu, G. C., Erkan, G., Staras, A. I. (2021). <i>Preparation, characterization, and application of polysaccharide-based emulsions incorporated with lavender essential oil for skin-friendly cellulosic support</i> , <i>International Journal of Biological Macromolecules</i> , 191 (2021) 405–413, DOI10.1016/j.ijbiomac.2021.09.090, Accession Number <b>WOS:000710244500007</b> IF la data publicării - <b>8.025</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000710244500007">https://www.webofscience.com/wos/woscc/full-record/WOS:000710244500007</a>	7,7	Prim autor	7,7
8	<b>Danila, A.</b> , Ibanescu, S. A., Zaharia, C., Muresan, E. I., Popescu, A., Danu, M., Rotaru, V. (2021). <i>Eco-friendly O/W emulsions with potential application in skincare products</i> , <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , Volume 612, 5 March 2021, Article number 125969, DOI10.1016/j.colsurfa.2020.125969, Accession Number <b>WOS:000616025000006</b> IF la data publicării - <b>5.518</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000616025000006">https://www.webofscience.com/wos/woscc/full-record/WOS:000616025000006</a>	4,9	Prim autor	4,9
9	Popescu, V., Buciscanu, I. I., Pruneanu, M., Maier, S. S., <b>Danila, A.</b> , Maier, V., Pîslaru, M., Rotaru, V., Cristian, I. N., Popescu, A., Istrate, B., Blaga, A. C., Ciolacu, F., Cretescu, I., Chelariu, P., Marin, M. (2021). <i>Sustainable Functionalization of PAN to Improve Tintorial Capacity</i> . <i>Polymers (Basel)</i> . 2021 Oct 24;13(21):3665. doi: 10.3390/polym13213665. PMID: 34771222; PMCID: PMC8588328, DOI10.3390/polym13213665, Accession Number <b>WOS:000719009600001</b> IF la data publicării - <b>4.967</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000719009600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000719009600001</a>	4,7	Coautor	0,293
10	Zaharia, C., Diaconu, M., Muresan, E. I., <b>Danila, A.</b> , Popescu, A., Rosu, G. (2020). <i>Bioactive emulsions with beneficial antimicrobial application in textile material production</i> , <i>Cellulose</i> , 2020, <a href="https://doi.org/10.1007/s10570-020-03432-y">https://doi.org/10.1007/s10570-020-03432-y</a> , Accession Number <b>WOS:000566872000001</b> IF la data publicării - <b>5.044</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000566872000001">https://www.webofscience.com/wos/woscc/full-record/WOS:000566872000001</a>	4,9	Coautor	0,816



11	Muresan, E. I., Diaconu, M., Zaharia, C., Rosu, G., <b>Danila, A.</b> , Pui, A. (2020). <i>Bioactive Textiles Obtained by Using Aqueous Extracts of Vine Leaves</i> , Fibers and Polymers, 2020, Vol.21, No.11, 2505-2512, ISSN 1229-9197 (print version), DOI10.1007/s12221-020-1153-5, Accession Number <b>WOS:000599885700010</b> IF la data publicării - <b>2.153</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000599885700010">https://www.webofscience.com/wos/woscc/full-record/WOS:000599885700010</a>	2,2	Coautor	0,366
12	Chirila, L., Constantinescu, G. C., <b>Danila, A.</b> , Popescu, A., Constantinescu, R. D., Sandulache, I. M. (2020). <i>Functionalisation of textile materials with bioactive polymeric system based on propolis and cinnamon essential oil</i> , Industria textila, 2020, vol. 71, no. 2, 186-192, ISSN 1222-5347. DOI: 10.35530/IT.070.05.1621, Accession Number <b>WOS:000535713300014</b> IF la data publicării - <b>0.784</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000535713300014">https://www.webofscience.com/wos/woscc/full-record/WOS:000535713300014</a>	1,0	Coautor	0,166
13	Muresan, E. I., Rosu, G., <b>Danila*, A.</b> , Drobota, M., Doroftei, F., Radu, C. D. (2019). <i>Improving the properties of the polyester fabrics by grafting with 3-chloro-2-hydroxypropyl acrylate</i> , Journal of Engineered Fibers and Fabrics, Volume 14: 1-9, 2019, Accession Number <b>WOS:000468889200001</b> IF la data publicării - <b>0.814</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000468889200001">https://www.webofscience.com/wos/woscc/full-record/WOS:000468889200001</a>	2,2	Autor corespondent	2,2
14	<b>Cerempei, A.</b> , Muresan, E. I., Cimpoesu, N., Carp-Carare, C., Rîmbu, C. (2016). <i>Dyeing and antibacterial properties of aqueous extracts from quince (Cydonia oblonga) leaves</i> , Industrial Crops and Products, Vol. 94, pp. 216-225, 2016, ISSN: 0926-6690, DOI10.1016/j.indcrop.2016.08.018 Accession Number <b>WOS:000387298100022</b> IF la data publicării - <b>3.181</b> <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000387298100022">https://www.webofscience.com/wos/woscc/full-record/WOS:000387298100022</a>	5,6	Prim autor	5,6
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TOTAL				<b>FIC = 39,141</b>

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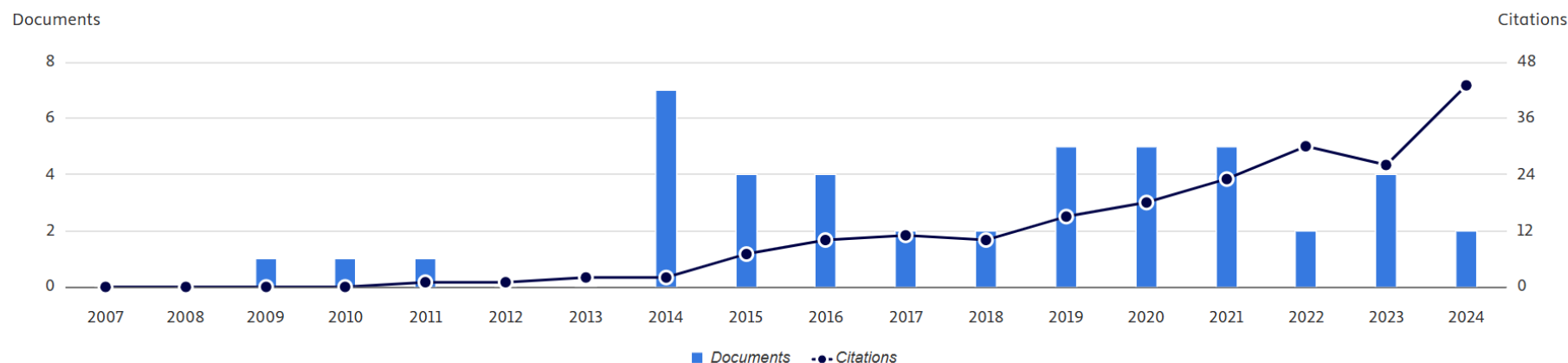
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## JUSTIFICAREA PUNCTAJULUI PENTRU NCO

Nr. Crt.	Contract de cercetare-dezvoltare-inovare obținut prin competiție la nivel <b> internațional</b>																																																														
1	<p>NR. 29/2018, PN III: Cooperarea Europeană și Internațională – Subprogram 3.2 - Orizont 2020, ERANET, “Realizarea de materiale textile cu valoare adaugata destinate aromaterapiei si ingrijirii pielii” (cod COFUND-MANUNET III-AromaTex, acronim AromaTex), 2018-2019, rol in proiect- <b>Responsabil proiect</b></p> <p><a href="https://incdtp.ro/AromaTex/index.html">https://incdtp.ro/AromaTex/index.html</a></p> <p>UNIVERSITATEA TEHNICA “GHEORGHE ASACHI” DIN IASI Directia de Management si Monitorizare Proiecte</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>UNIVERSITATEA TEHNICA „GHEORGHE ASACHI” DIN IASI REGISTRATURA Nr. 4489-28 12.12.2015</p> </div> <p style="text-align: center;"><b>ADEVERINTA</b></p> <p>La solicitarea d-nei Șef lucr.dr.ing. Angela Dănilă, confirmam prin prezenta derularea prin C.C.T.T. Polytech / DMMP a contractelor de cercetare prezentate mai jos.</p> <table border="1"> <thead> <tr> <th>Calitatea</th> <th>Nr. crt.</th> <th>Titlul proiectului</th> <th>Număr contract/ tip</th> <th>Valoare contract (RON)</th> <th>Perioada / an</th> <th>Director / Responsabil proiect</th> </tr> </thead> <tbody> <tr> <td rowspan="2"><b>Responsabil proiect</b></td> <td>1</td> <td>REALIZAREA DE MATERIALE TEXTILE CU VALOARE ADAUGATA DESTINATE AROMATERAPIEI SI INGRIJIRII PIELII</td> <td>Colab. PN III ERA NET 29/2018</td> <td>180940,00 137560,00</td> <td>2018 2019</td> <td>Șef. Lucr. Angela Dănilă</td> </tr> <tr> <td>2</td> <td>GRANT PENTRU SUSTINEREA CAPACITATII DE PUBLICARE</td> <td>Grant intern GI/P11/2021</td> <td>45000,00</td> <td>2021</td> <td>Conf. Vasilica Popescu</td> </tr> <tr> <td rowspan="6"><b>Membri în echipă</b></td> <td>3</td> <td>TEHNOLOGII AVANSATE DE MEDIU ÎN INDUSTRIA TEXTILĂ ȘI SISTEME INTEGRATE DE SUPRAVEGHERE ȘI PREVENIRE A POLUĂRII APELOR REZIDUALE</td> <td>Colab. 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**Data: 18.12.2024**  
**Candidat, Dănilă Angela**