

**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 **profesor**, poz. 1

Disciplinele postului: Tehnologia pregătirii și finisării textilelor  
Finisarea produselor textile

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

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Candidat: **POPESCU VASILICA** / Data nașterii: 26.01.1965 Funcția actuală: conferențiar, Data numirii în funcția actuală: 16.02.2015

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 autocitările 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 Profesor/CS I Standarde minime (cumulative):**

**a)  $NTOP \geq 4$**

**b) NP $\geq$ 20**

**c) FIC $\geq$ 30**

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 $\geq$ 120**

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

**c) NCO $\geq$  1 (în calitate de Director proiect).“**

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

Standarde minimale 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>4</b>	<b>9 articole Q1 în anul publicării</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>20</b>	<b>31</b>	<b>Îndeplinit</b>
<b>FIC</b> Factor de impact cumulat (suma factorilor de impact ai revistelor <b>la momentul înscrierii la concursul</b> 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>30</b>	<b>66.30 În anul publicării  sau  75.92 în momentul înscrierii la concurs</b>	<b>Îndeplinit</b>
<b>NC</b> Număr total de citări (din baza SCOPUS) (se exclud autocitările candidatului)	<b>120</b>	<b>308</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 punctajelor obținute pentru standardele naționale NTOP, NP, FIC, NC și NCO*

**Calculul punctajului aferent standardului NTOP**

Nr. crt.	Lista articolelor publicate în <b>reviste de TOP, de tip Q1 (zona roșie)</b> <b>NTOP</b>	Cotare articol în anul publicării	Cotare articol la momentul înscrierii în concurs
1.	<p><b>Vasilica Popescu</b>, Alexandra Cristina Blaga, Dan Cașcaval, Andrei Popescu  <i>Beta vulgaris L. - A Source with a Great Potential in the Extraction of Natural Dyes Intended for the Sustainable Dyeing of Wool</i>  <b>PLANTS</b>, 12, 1933 (<b>2023</b>), FI în 2021=4.658  <a href="https://doi.org/10.3390/plants12101933">https://doi.org/10.3390/plants12101933</a>  <a href="https://161095x28-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85160672081&amp;origin=resultslist&amp;sort=plf-f">https://161095x28-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85160672081&amp;origin=resultslist&amp;sort=plf-f</a></p>	Q1	Q1
2.	<p><b>Popescu Vasilica *</b>, Petrea Marioara, Popescu Andrei  <i>Multifunctional Finishing of Cotton with Compounds Derived from MCT-β-CD and Quantification of Effects Using MLR Statistical Analysis</i>  <b>POLYMERS</b> MDPI, 13, 410, (<b>2021</b>), p.1-23, FI în 2021=4,967; punctaj =4,967.                      Accession Number:  <b>WOS:</b> 000615458400001  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000615458400001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000615458400001</a></p>	Q1	Q1
3.	<p><b>Popescu V</b>, Buciscanu I, Pruneanu M.,(...); Cretescu Igor, Chelariu P, Marin M.  <i>Sustainable functionalization of PAN to improve tinctorial capacity</i>  <b>POLYMERS</b>, 13, no. 21, (<b>2021</b>), FI în 2021=4,967; punctaj = 4,967.                      DOI 10.3390/polym13213665                      Accession Number: <b>WOS:</b> 000719009600001  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000719009600001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000719009600001</a></p>	Q1	Q1

4.	<p><b>Popescu V.</b>, Blaga AC, Pruneanu M., (...); Cretescu Igor, Cascaval D.  <i>Green chemistry in the extraction of natural dyes from colored food waste, for dyeing protein textile materials,</i>  <b>POLYMERS</b>, 13, no. 22, (2021), <b>FI în 2021=4,967; punctaj = 4,967.</b>  DOI 10.3390/polym13223867  Accession Number: <b>WOS:</b> 000724797300001  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000724797300001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000724797300001</a></p>	Q1	Q1
5.	<p><b>Popescu Vasilica*</b>, Astanei Dragos-George, Burlica Radu, Popescu Andrei, Munteanu Corneliu, Ciolacu Florin, Ursache Mariana, Ciobanu Luminita, Cocean Alexandru  <i>Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics</i>  <b>JOURNAL OF CLEANER PRODUCTION</b>, 232, (2019), p. 451-461, <b>FI în 2019= 7,246; punctaj =7,246.</b>  DOI 10.1016/j.jclepro.2019.05.281  Accession Number: <b>WOS:</b> 000477784000042  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000477784000042">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000477784000042</a></p>	Q1	Q1
6.	<p><b>Popescu Vasilica</b>, Muresan Augustin*, Popescu Gabriel, Balan Mihaela, Dobromir Marius  <i>Ethyl chitosan synthesis and quantification of the effects acquired after grafting it on a cotton fabric, using ANOVA statistical analysis</i>  <b>CARBOHYDRATE POLYMERS</b>, 138, (2016), p. 94–105, <b>FI în 2016= 4,811; punctaj =4,811,</b>  Accession Number: <b>WOS:</b> 000368096400012  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368096400012">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368096400012</a></p>	Q1	Q1
7.	<p><b>Popescu, Vasilica*</b>, Vasluianu, Ecaterina, Gabriel, Popescu  <i>Quantitative analysis of the multifunctional finishing of cotton fabric with non-formaldehyde agents</i>  <b>CARBOHYDRATE POLYMERS</b>, 111, (2014), p. 870–882, <b>FI în 2014= 4,074; punctaj =4,074,</b>  <b>DOI:</b> 10.1016/j.carbpol.2014.05.052  Accession Number: <b>WOS:</b> 000340302100106  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340302100106">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340302100106</a></p>	Q1	Q1

8.	<p><b>Popescu Vasilica*</b>, Mureșan Emil Ioan  <i>Performances of chitosan grafted onto surface of polyacrylonitrile functionalized through amination reactions</i>  <b>INDUSTRIAL ENGINEERING CHEMISTRY RESEARCH</b>, 52, no. 37, (2013), p. 13252-13263, FI în 2013= 2,235; punctaj=2,235  DOI: 10.1021/ie401494a  Accession Number: <b>WOS:</b> 000330080100003  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000330080100003">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000330080100003</a></p>	Q1	Q2
9.	<p><b>Popescu Vasilica*</b>, Mureșan Emil Ioan, Grigoriu Ana-Maria  <i>Monochlorotriazinyl-beta-cyclodextrin grafting onto polyester fabrics and films</i>  <b>CARBOHYDRATE POLYMERS</b>, 86, no. 2, (2011), p. 600-611, FI în 2011= 3,628; punctaj =3,628  DOI:10.1016/j.carbpol.2011.04.080  Accession Number: <b>WOS:</b> 000294187400027  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000294187400027">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000294187400027</a></p>	Q1	Q1
Criteriul impus NTOP ≥ 4		NTOP = 9	NTOP = 8
		Standard ÎNDEPLINIT	

### Calculul punctajului aferent standardului NP

Nr. crt.	Lista articolelor ISI în calitate de autor principal sau autor de corespondență NP	Calitate de:	
		Autor principal	Autor de corespondență
1.	<p><b>Vasilica Popescu*</b>, Alexandra Cristina Blaga, Dan Cașcaval, Andrei Popescu  <i>Beta vulgaris L. - A Source with a Great Potential in the Extraction of Natural Dyes Intended for the Sustainable Dyeing of Wool</i>  <b>PLANTS</b>, 12, 1933 (2023).  <a href="https://doi.org/10.3390/plants12101933">https://doi.org/10.3390/plants12101933</a>  <a href="https://161095x28-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85160672081&amp;origin=resultslist&amp;sort=plf-f">https://161095x28-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85160672081&amp;origin=resultslist&amp;sort=plf-f</a></p>	Autor principal	-
2.	<p><b>Popescu Vasilica *</b>, Petrea Marioara, Popescu Andrei  <i>Multifunctional Finishing of Cotton with Compounds Derived from MCT-β-CD and Quantification of Effects Using MLR Statistical Analysis</i>  <b>POLYMERS MDPI</b>, 13, no. 3, (2021), article no. 410, p.1-23.            Accession Number: <b>WOS</b>: 000615458400001  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000615458400001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000615458400001</a></p>	Autor principal	-
3.	<p><b>Popescu V*</b>, Bucișcanu I, Pruneanu M., (...); Crețescu Igor, Chelariu P, Marin M.  <i>Sustainable functionalization of PAN to improve tinctorial capacity</i>  <b>POLYMERS</b> 13, no.21, (2021).            DOI 10.3390/polym13213665            Accession Number: <b>WOS</b>: 000719009600001  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000719009600001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000719009600001</a></p>	Autor principal	-
4.	<p><b>Popescu V.</b>, Blaga A.C., Pruneanu M., (...); Crețescu I., Cașcaval D.  <i>Green chemistry in the extraction of natural dyes from colored food waste, for dyeing protein textile materials</i>  <b>POLYMERS</b>, 13, no. 22, (2021).            DOI 10.3390/polym13223867            Accession Number: <b>WOS</b>: 000724797300001</p>	Autor principal	-

	<a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000724797300001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000724797300001</a>		
5.	<p><b>Popescu Vasilica*</b>, Astanei Dragos-George, Burlica Radu, Popescu Andrei, Munteanu Corneliu, Ciolacu Florin, Ursache Mariana, Ciobanu Luminita, Cocean Alexandru  <i>Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics</i>  <b>JOURNAL OF CLEANER PRODUCTION</b>, 232, (2019), p. 451-461.  DOI 10.1016/j.jclepro.2019.05.281  Accession Number: <b>WOS</b>: 000477784000042  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000477784000042">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000477784000042</a></p>	Autor principal	-
6.	<p><b>Popescu Vasilica</b>, a Sandulrina Crina Anca, Popescu Gabriel *</p> <p><i>Study of cotton grafting with hemiacetal - MCT-<math>\beta</math>-CD derivative using fourier transform infrared spectroscopy and statistical analysis</i>  <b>REV.CHIM.(Bucharest)</b>, 68, no. 9, (2017), p. 2055-2059).  Accession Number: <b>WOS</b>: 000416748800022  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000416748800022">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000416748800022</a></p>	Autor principal	-
7.	<p><b>Popescu Vasilica</b>, Popescu Gabriel *, Sandu Irina Crina Anca  <i>Highlighting a cotton grafting process using the spectral subtraction method and statistical analysis</i>  <b>REV.CHIM. (Bucharest)</b>, 68 , no. 8, (2017), p. 1884-1889.  Accession Number: <b>WOS</b>: 000410388000043  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000410388000043">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000410388000043</a></p>	Autor principal	-
8.	<p><b>Popescu Vasilica</b>, Sandu Irina Crina Anca, Popescu Gabriel *</p> <p><i>Study of textile materials behavior at dyeing with colored aqueous extract obtained by boiling peels, arils and seeds of punica granatum: spectroscopic, colorimetric and statistic evaluations</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no. 12, (2016), p. 2454-2459.  Accession Number: <b>WOS</b>: 000393230400016  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000393230400016">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000393230400016</a></p>	Autor principal	-

9.	<p><b>Popescu Vasilica</b>, Sandu Irina Crina Anca, Popescu Gabriel *</p> <p><i>FTIR analysis for studying the possibility of grafting onto cotton of some compounds resulted from interaction of carbonyl compounds with monochlorotriazinyl-<math>\beta</math>-cyclodextrin</i></p> <p><b>REV. CHIM. (Bucharest)</b>, 67, no. 11, <b>(2016)</b>, p. 2184.</p> <p>Accession Number: <b>WOS</b>: 000388361900011</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388361900011">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388361900011</a></p>	Autor principal	-
10.	<p><b>Popescu Vasilica</b> *, Sandu Irina Crina Anca, Popescu Gabriel</p> <p><i>FTIR spectroscopic, colorimetric and statistic evaluations of textile materials dyed with crude extract obtained by macerating pomegranate peels</i></p> <p><b>REV. CHIM. (Bucharest)</b>, 67, no. 10, <b>(2016)</b>, p.1994- 2000.</p> <p>Accession Number: <b>WOS</b>: 000388359900021</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388359900021">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388359900021</a></p>	Autor principal	-
11.	<p><b>Popescu Vasilica</b> *, Sandu Irina Crina Anca, Popescu Gabriel</p> <p><i>Influence of parameters of polycondensation stage on ethyl chitosan grafting on cotton</i></p> <p><b>REV. CHIM. (Bucharest)</b>, 67, no. 4, <b>(2016)</b>, p.768- 773.</p> <p>Accession Number: <b>WOS</b>: 000376549200037</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000376549200037">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000376549200037</a></p>	Autor principal	-
12.	<p><b>Popescu Vasilica</b>, Muresan Augustin*, Popescu Gabriel, Balan Mihaela, Dobromir Marius</p> <p><i>Ethyl chitosan synthesis and quantification of the effects acquired after grafting it on a cotton fabric, using ANOVA statistical analysis</i></p> <p><b>CARBOHYDRATE POLYMERS</b>, 138, <b>(2016)</b>, p. 94–105.</p> <p>Accession Number: <b>WOS</b>: 000368096400012</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368096400012">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368096400012</a></p>	Autor principal	-
13.	<p><b>Popescu Vasilica</b> *, Pui Aurel, Sandu Irina Crina Anca, Popescu Gabriel</p> <p><i>Eco-friendly dyeings of textiles with extract from pomegranate arils with seedsspectroscopic, colorimetric and statistical assessment</i></p> <p><b>REV. CHIM. (Bucharest)</b>, 67, no. 2, <b>(2016)</b>, p.270-275.</p>	Autor principal	-



	Accession Number: <b>WOS:</b> 000372170700015 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000372170700015">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000372170700015</a>		
14.	<b>Popescu Vasilica *</b> , Sandu Irina Crina Anca, Popescu Gabriel <i>Colorimetric evaluation of chemical modifications generated by pan functionalization in acid/ basic medium and grafting with chitosan</i> <b>REV. CHIM. (Bucharest)</b> , vol. 67, no. 1, <b>(2016)</b> , p.74-80. Accession Number: <b>WOS:</b> 000369524300017 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000369524300017">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000369524300017</a>	Autor principal	-
15.	<b>Popescu Vasilica *</b> , Sandu Irina Crina Anca, Popescu Gabriel <i>Analysis of the behaviour of PAN functionalized with basic compounds, during dyeing process with acid dyes</i> <b>REV. CHIM. (Bucharest)</b> , 66, no. 12, <b>(2015)</b> , p.1997- 2004. Accession Number: <b>WOS:</b> 000368437100017 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368437100017">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368437100017</a>	Autor principal	-
16.	<b>Popescu Vasilica *</b> , Irina Crina Anca Sandu, Gabriel Popescu, Alexandru Popa, Cezar–Doru Radu <i>Colorimetric Answer of Monochlorotriazinyl-β- cyclodextrin Grafted onto PAN Support Chemical Modified with NaOH and Amines</i> <b>REV. CHIM. (Bucharest)</b> , 66, no. 11, <b>(2015)</b> , p. 1765-1771. Accession Number: <b>WOS:</b> 000368213500011 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368213500011">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368213500011</a>	Autor principal	-
17.	<b>Popescu Vasilica *</b> , Sandu Irina Crina Anca, Popescu Gabriel, Lisa Gabriela, Popa Alexandru <i>Study of the Effects by Tinctorial Method Obtained at Polyethylene Terephtalate Functionalization with Alcohols</i> <b>REV. CHIM. (Bucharest)</b> , 66, no. 10, <b>(2015)</b> , p. 1607-1613. Accession Number: <b>WOS:</b> 000368436300014 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368436300014">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368436300014</a>	Autor principal	-

18.	<p><b>Popescu Vasilica*</b>, Mureșan Augustin, Constandache Ovidiu, Lisă Gabriela, Mureșan Emil Ioan, Munteanu Corneliu, Sandu Ion</p> <p><i>Tinctorial response of recycled pet fibers to chemical modifications during saponification and aminolysis reactions</i></p> <p><b>INDUSTRIAL ENGINEERING CHEMISTRY RESEARCH</b>, 53, no. 43, (2014), p.16652–16663.</p> <p>DOI: 10.1021/ie5028974</p> <p>Accession Number: WOS: 000344042700007</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000344042700007">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000344042700007</a></p>	Autor principal	-
19.	<p><b>Popescu, Vasilica *</b>, Vasluianu, Ecaterina, Gabriel, Popescu</p> <p><i>Quantitative analysis of the multifunctional finishing of cotton fabric with non-formaldehyde agents</i></p> <p><b>CARBOHYDRATE POLYMERS</b>, 111, (2014), p. 870–882.</p> <p>DOI: 10.1016/j.carbpol.2014.05.052</p> <p>Accession Number: <b>WOS</b>: 000340302100106</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340302100106">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340302100106</a></p>	Autor principal	-
20.	<p><b>Popescu Vasilica*</b>, Sandu Ioan Gabriel, Vasluianu Ecaterina, Sandu Ion, Manea Liliana Rozemarie, Campagne Cristine</p> <p><i>Effects of chitosan grafting onto cotton fabric pretreated with a tetrol</i></p> <p><b>REVISTA DE CHIMIE</b>, 65, no. 12, (2014), p. 1439-1447</p> <p>Accession Number: <b>WOS</b>: 000345946400009</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345946400009">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345946400009</a></p>	Autor principal	-
21.	<p>Constandache Tatiana, Cerempei Angela, Mureșan Emil-Ioan, <b>Popescu Vasilica*</b>, Drobotă Mioara, Sandu Ion</p> <p><i>Modified organic pigments used in polypropylene coloration</i></p> <p><b>REVISTA DE CHIMIE</b>, 65, no. 8, (2014), p. 892-896.</p> <p>Accession Number: <b>WOS</b>: 000340867000006</p> <p><a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340867000006">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340867000006</a></p>	-	Autor de corespondență
22.	<p><b>Popescu Vasilica*</b>, Sandu Ion</p> <p><i>Multifunctional finishing with tetrol and monochlortriazinil - <math>\beta</math>-cyclodextrine</i></p>	Autor principal	-

	<b>REVISTA DE CHIMIE</b> , 65, no. 7, (2014), p. 811-818. Accession Number: <b>WOS</b> : 000345545600015 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345545600015">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345545600015</a>		
23.	<b>Popescu Vasilica*</b> , Sandu Ion, Mureșan Emil Ioan, Istrate Bogdan, Lisă Gabriela <i>Effects of the pre-treatment with atmospheric - air plasma followed by conventional finishing</i> <b>REVISTA DE CHIMIE</b> , 65, no. 6, (2014), p. 676-683. Accession Number: <b>WOS</b> :000339140400010 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000339140400010">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000339140400010</a>	Autor principal	-
24.	<b>Popescu Vasilica*</b> , Vasluianu Ecaterina, Forna Norina-Consuela, Sandu Ion, Bercu Elena <i>Comparative study of the FTIR analysis and the performances of N,N,N-trimethyl chitosan as wrinkle-proofing agent</i> <b>REVISTA DE CHIMIE</b> , 64, no. 11, (2013), p. 1284-1294. Accession Number: <b>WOS</b> : 000328441600015 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000328441600015">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000328441600015</a>	Autor principal	-
25.	Vasluianu Ecaterina, <b>Popescu Vasilica*</b> , Grigoriu Aurelia, Forna Norina Consuela, Sandu Ion <i>Comparative study concerning the FTIR analysis and the performances of chitosan-based wrinkle-proofing agents</i> <b>REVISTA DE CHIMIE</b> , 64, no. 10, (2013), p. 1104-1115. Accession Number: <b>WOS</b> : 000327577600010 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000327577600010">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000327577600010</a>	-	Autor de corespondență
26.	<b>Popescu Vasilica*</b> , Mureșan Emil Ioan <i>Performances of chitosan grafted onto surface of polyacrylonitrile functionalized through amination reactions</i> <b>INDUSTRIAL ENGINEERING CHEMISTRY RESEARCH</b> , 52, no. 37, (2013), p. 13252-13263. <b>DOI</b> : 10.1021/ie401494a Accession Number: <b>WOS</b> : 000330080100003 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000330080100003">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000330080100003</a>	Autor principal	-

27.	<p><b>Popescu Vasilica*</b>, Manea Liliana Rozemarie, Sandu Ioan Gabriel, Chirculescu Andreea Irina, Sandu Ion  <i>Eco-friendly phisico-chemical stimuli and their impact upon the tinctorial capacity of acrylic fibres</i>  <b>REVISTA DE CHIMIE</b>, 64, no. 3, (2013), p. 281-286.  Accession Number: <b>WOS</b>: 000319179300014  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000319179300014">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000319179300014</a></p>	Autor principal	-
28.	<p><b>Popescu Vasilica*</b>, Mureşan Emil Ioan, Grigoriu Ana-Maria  <i>Monochlorotriazinyl-beta-cyclodextrin grafting onto polyester fabrics and films</i>  <b>CARBOHYDRATE POLYMERS</b>, 86, no. 2, (2011), p. 600-611.  <b>DOI</b>:10.1016/j.carbpol.2011.04.080  Accession Number: <b>WOS</b>: 000294187400027  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000294187400027">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000294187400027</a></p>	Autor principal	-
29.	<p><b>Popescu Vasilica*</b>, Manea Liliana-Rozemarie, Curteza Antonela, Vasluianu Ecaterina  <i>Non-conventional method for the levelling dyeing of the acrylic fibers with cationic dyestuffs</i>  <b>TEKSTIL</b>, 60, no. 7, (2011), p. 306-312.  Accession Number: <b>WOS</b>: 000317085700003  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000317085700003">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000317085700003</a></p>	Autor principal	-
30.	<p><b>Popescu Vasilica*</b>, Radu Cezar Doru, Manea Liliana Rozemarie  <i>Effects of the changes caused by certain chemical pretreatments performed on acrylic polymers (Efectele modificărilor generate de anumite pretratamente chimice efectuate pe polimeri acrilici)</i>  <b>INDUSTRIA TEXTILĂ</b>, 61, no. 1, (2010), p. 23-30.  <b>Factor impact în anul publicării: 0,853</b>  Accession Number: <b>WOS</b>: 000275256000005  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000275256000005">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000275256000005</a></p>	Autor principal	-
31.	<p><b>Popescu Vasilica*</b>, Manea Liliana Rozemarie, Amariei Nicuşor  <i>Determination of the factors influencing the flame retardant efficiency of the protection - dyed cellulose materials using the analysis of variances</i>  <b>MATERIALE PLASTICE</b>, 46, no. 1, (2009), p. 95-100, cotată ISI începând cu anul 2009, dar cu</p>	Autor principal	-

FI=0.0. Accession Number: WOS: 000265431100018 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000265431100018">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000265431100018</a>		
Standardul impus $NP \geq 20$	29 articole ca autor principal	2 articole ca autor de corespondență
	Total realizări, NP = 31	
	Standard ÎNDEPLINIT	

Calculul punctajului aferent standardului FIC (Factor de Impact Cumulat)

Nr. crt.	Lista articolelor pentru calculul punctajului aferent standardului FIC	În anul publicării		La momentul înscrierii în concurs	
		Factor de impact în anul publicării	Punctaj în anul publicării	Factor de impact (2021/2022)	Punctaj (2021/2022)
1.	<b>Vasilica Popescu*</b> , Alexandra Cristina Blaga, Dan Cașcaval, Andrei Popescu <i>Beta vulgaris L. - A Source with a Great Potential in the Extraction of Natural Dyes Intended for the Sustainable Dyeing of Wool</i> <b>PLANTS</b> , 12, 1933 (2023) <a href="https://doi.org/10.3390/plants12101933">https://doi.org/10.3390/plants12101933</a> <a href="https://161095x28-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85160672081&amp;origin=resultslist&amp;sort=plf-f">https://161095x28-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85160672081&amp;origin=resultslist&amp;sort=plf-f</a>	4.658	4.658	4.658	4.658
2.	Diana Serbezeanu, Tachita Vlad-Bubulac, Mihaela Dorina Onofrei, Florica Doroftei, Corneliu Hamciuc, Alina-Mirela Ipate, Alexandru Anisie, Gabriela Lisa, Ion Anghel, Ioana-Emilia Sofran and <b>Vasilica Popescu</b> <i>Phosphorylated Poly(vinyl alcohol) Electrospun Mats for Protective Equipment Applications</i> <b>NANOMATERIALS</b> , 12(15), (2022), article no. 2685	5.719	0.519	5.719	0.519

	Accession Number: <b>WOS:000839843600001</b> <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000839843600001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000839843600001</a>				
3.	<b>Popescu Vasilica *</b> , Petrea Marioara, Popescu Andrei <i>Multifunctional Finishing of Cotton with Compounds Derived from MCT-<math>\beta</math>-CD and Quantification of Effects Using MLR Statistical Analysis</i> <b>POLYMERS</b> MDPI, 13, no.3, <b>(2021)</b> , article no.410, p.1-23. Accession Number: <b>WOS: 000615458400001</b> <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000615458400001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000615458400001</a>	4.967	4.967	4.967	4.967
4.	Cocean Alexandru, Cocean Iuliana, Cimpoesu Nicanor *, Cocean Georgiana, Cimpoesu Ramona, Postolachi Cristina, <b>Popescu Vasilica</b> , Gurlui Silviu* <i>Laser induced method to produce curcuminoid-silanol thin films for transdermal patches using irradiation of turmeric target</i> <b>APPLIED SCIENCE</b> , 11, 4030, <b>(2021)</b> , p.1-12. Accession Number: <b>WOS: 000649866400001</b> <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000649866400001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000649866400001</a>	2.838	0.354	2.838	0.354
5.	<b>Popescu V.*</b> , Bucîșcanu I, Pruneanu M., (...), Cretescu I., Chelariu P., Marin M. <i>Sustainable functionalization of PAN to improve tinctorial capacity</i> <b>POLYMERS</b> , 13, no. 21, <b>(2021)</b> . Accession Number: <b>WOS: 000719009600001</b> <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000719009600001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000719009600001</a>	4.967	4.967	4.967	4.967
6.	<b>Popescu V*</b> , Blaga A.C., Pruneanu M., (...), Crețescu I., Cașcaval D. <i>Green chemistry in the extraction of natural dyes from colored food waste, for dyeing protein textile materials</i> <b>POLYMERS</b> , 13, no. 22, <b>(2021)</b> . Accession Number: <b>WOS: 000724797300001</b> <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000724797300001">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000724797300001</a>	4.967	4.967	4.967	4.967
7.	<b>Popescu Vasilica*</b> , Astanei Dragos-George, Burlica Radu, Popescu Andrei, Munteanu	7.246	7.246	11.072	11.072

	<p>Corneliu, Ciolacu Florin, Ursache Mariana, Ciobanu Luminita, Cocean Alexandru  <i>Sustainable and cleaner microwave-assisted dyeing process for obtaining eco-friendly and fluorescent acrylic knitted fabrics</i>  <b>JOURNAL OF CLEANER PRODUCTION</b>, 232, (2019), p. 451-461.  Accession Number: <b>WOS</b>: 000477784000042  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000477784000042">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000477784000042</a></p>				
8.	<p><b>Popescu Vasilica</b>, Sandu Irina Crina Anca, Popescu Gabriel *  <i>Study of cotton grafting with hemiacetal - MCT-<math>\beta</math>-CD derivative using fourier transform infrared spectroscopy and statistical analysis</i>  <b>REV.CHIM.(Bucharest)</b>, 68, no. 9 (2017), p. 2055-2059.  Accession Number: <b>WOS</b>: 000416748800022  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000416748800022">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000416748800022</a></p>	1.412	1.412	0	0
9.	<p><b>Popescu Vasilica</b>, Popescu Gabriel*, Sandu Irina Crina Anca  <i>Highlighting a cotton grafting process using the spectral subtraction method and statistical analysis,</i>  <b>REV.CHIM. (Bucharest)</b>, 68, no. 8, (2017), p. 1884-1889.  Accession Number: <b>WOS</b>: 000410388000043  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000410388000043">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000410388000043</a></p>	1.412	1.412	0	0
10.	<p>Vasilescu Vlad Gabriel, Sandu Ion, Nemțoi Gheorghe, Sandu Andrei Victor, <b>Popescu Vasilica</b>, Vasilache Viorica, Sandu Ioan Gabriel, Vasilescu Elisabeta  <i>The reactivity of Ti10Zr alloy in biological and electrochemical systems in the presence of chitosan</i>  <b>RSC ADVANCES</b>, 7, no. 33 (2017), p. 20146-20146.  Accession Number: <b>WOS</b>: 000396012500033  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000396012500033">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000396012500033</a></p>	2.936	0.367	4.036	0.504
11.	<p><b>Popescu Vasilica</b>, Sandu Irina Crina Anca, Popescu Gabriel *  <i>Study of textile materials behavior at dyeing with colored aqueous extract obtained by boiling peels, arils and seeds of punica granatum: spectroscopic, colorimetric and statistic</i></p>	1.232	1.232	0	0



	<p><i>evaluations</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no. 12, <b>(2016)</b>, p. 2454-2459.  Accession Number: <b>WOS</b>: 000393230400016  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000393230400016">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000393230400016</a></p>				
12.	<p><b>Popescu Vasilica</b>, Sandu Irina Crina Anca, Popescu Gabriel *  <i>FTIR analysis for studying the possibility of grafting onto cotton of some compounds resulted from interaction of carbonyl compounds with monochlorotriazinyl-β-cyclodextrin</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no. 11, <b>(2016)</b>, p. 2184-2189.  Accession Number: <b>WOS</b>: 000388361900011  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388361900011">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388361900011</a></p>	1.232	1.232	0	0
13.	<p><b>Popescu Vasilica *</b>, Sandu Irina Crina Anca, Popescu Gabriel  <i>FTIR spectroscopic, colorimetric and statistic evaluations of textile materials dyed with crude extract obtained by macerating pomegranate peels</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no. 10, <b>(2016)</b>, p.1994- 2000.  Accession Number: <b>WOS</b>: 000388359900021  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388359900021">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000388359900021</a></p>	1.232	1.232	0	0
14.	<p><b>Popescu Vasilica*</b>, Sandu Irina Crina Anca, Popescu Gabriel  <i>Influence of parameters of polycondensation stage on ethyl chitosan grafting on cotton</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no. 4, <b>(2016)</b>, p.768- 773.  Accession Number: <b>WOS</b>: 000376549200037  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000376549200037">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000376549200037</a></p>	1.232	1.232	0	0
15.	<p><b>Popescu Vasilica</b>, Muresan Augustin*, Popescu Gabriel, Balan Mihaela, Dobromir Marius  <i>Ethyl chitosan synthesis and quantification of the effects acquired after grafting it on a cotton fabric, using ANOVA statistical analysis</i>  <b>CARBOHYDRATE POLYMERS</b>, 138, <b>(2016)</b>, p. 94–105.  Accession Number: <b>WOS</b>: 000368096400012  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368096400012">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368096400012</a></p>	4.811	4.811	10.723	10.723



16.	<p><b>Popescu Vasilica*</b>, Pui Aurel, Sandu Irina Crina Anca, Popescu Gabriel  <i>Eco-friendly dyeings of textiles with extract from pomegranate arils with seeds spectroscopic, colorimetric and statistical assessment</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no.2, (2016), p.270-275.  Accession Number: <b>WOS</b>: 000372170700015  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000372170700015">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000372170700015</a></p>	1.232	1.232	0	0
17.	<p><b>Popescu Vasilica*</b>, Sandu Irina Crina Anca, Popescu Gabriel  <i>Colorimetric evaluation of chemical modifications generated by PAN functionalization in acid/ basic medium and grafting with chitosan</i>  <b>REV. CHIM. (Bucharest)</b>, 67, no. 1, (2016), p.74-80.  Accession Number: <b>WOS</b>: 000369524300017  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000369524300017">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000369524300017</a></p>	1.232	1.232	0	0
18.	<p><b>Popescu Vasilica*</b>, Sandu Irina Crina Anca, Popescu Gabriel  <i>Analysis of the behaviour of PAN functionalized with basic compounds, during dyeing process with acid dyes</i>  <b>REV. CHIM. (Bucharest)</b>, 66, no. 12, (2015), p.1997- 2004.  Accession Number: <b>WOS</b>: 000368437100017  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368437100017">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368437100017</a></p>	0.956	0.956	0	0
19.	<p><b>Popescu Vasilica*</b>, Irina Crina Anca Sandu, Gabriel Popescu, Alexandru Popa, Cezar-Doru Radu  <i>Colorimetric Answer of Monochlorotriazinyl-β- cyclodextrin Grafted onto PAN Support Chemical Modified with NaOH and Amines</i>  <b>REV. CHIM. (Bucharest)</b>, 66, no. 11, (2015), p. 1765-1771.  Accession Number: <b>WOS</b>: 000368213500011  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368213500011">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368213500011</a></p>	0.956	0.956	0	0
20.	<p><b>Popescu Vasilica*</b>, Sandu Irina Crina Anca, Popescu Gabriel, Lisa Gabriela, Popa Alexandru  <i>Study of the Effects by Tinctorial Method Obtained at Polyethylene Terephthalate</i></p>	0.956	0.956	0	0

	<p><i>Functionalization with Alcohols</i>  <b>REV. CHIM. (Bucharest)</b>, 66, no. 10, <b>(2015)</b>, p. 1607-1613.  Accession Number: <b>WOS:</b> 000368436300014  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368436300014">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000368436300014</a></p>				
21.	<p>Manea Liliana Rozemarie, Cramariuc Bogdan, Cramariuc Radu, Scarlet Roxana, Sandu Ion*, <b>Popescu Vasilica</b>  <i>Equipment for obtaining polimeric nanofibers by electrospinning technology, II. The obtaining polimeric nanofiber</i>  <b>MATERIALE PLASTICE</b>, 52, no. 2, <b>(2015)</b>, p. 180-185.  Accession Number: <b>WOS:</b> 000357767900011  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000357767900011">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000357767900011</a></p>	0.903	0.1505	0.782	0.130
22.	<p><b>Popescu Vasilica*</b>, Mureșan Augustin, Constandache Ovidiu, Lisă Gabriela, Mureșan Emil Ioan, Munteanu Corneliu, Sandu Ion  <i>Tinctorial response of recycled pet fibers to chemical modifications during saponification and aminolysis reactions</i>  <b>INDUSTRIAL ENGINEERING CHEMISTRY RESEARCH</b>, 53, no. 43 <b>(2014)</b>, p.16652–16663.  Accession Number: <b>WOS:</b> 000344042700007  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000344042700007">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000344042700007</a></p>	2.587	2.587	4.326	4.326
23.	<p><b>Popescu, Vasilica*</b>, Vasluianu, Ecaterina, Gabriel, Popescu  <i>Quantitative analysis of the multifunctional finishing of cotton fabric with non-formaldehyde agents</i>  <b>CARBOHYDRATE POLYMERS</b>, 111, <b>(2014)</b>, p. 870–882.  Accession Number: <b>WOS:</b> 000340302100106  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340302100106">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340302100106</a></p>	4.074	4.074	10.723	10.723
24.	<p><b>Popescu Vasilica*</b>, Sandu Ioan Gabriel, Vasluianu Ecaterina, Sandu Ion, Manea Liliana Rozemarie, Campagne Cristine  <i>Effects of chitosan grafting onto cotton fabric pretreated with a tetrol</i></p>	0.810	0.810	0	0

	<b>REVISTA DE CHIMIE</b> , 65, no. 12, (2014), p. 1439-1447. Accession Number: <b>WOS:</b> 000345946400009 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345946400009">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345946400009</a>				
25.	Brănișteanu Daciana-Elena, Agafiței Gheorghe, Sandu Ion, Parteni Oana, <b>Popescu Vasilica</b> , Nichifor Marieta, Radu Cezar-Doru* <i>Wearing behaviour of a poliamide matrix to delivering bioactive - Principles in dermatic disorders</i> <b>REVISTA DE CHIMIE</b> , 65, no.11 (2014), p. 1357-1362. Accession Number: <b>WOS:</b> 000345946300021 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345946300021">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345946300021</a>	0.810	0.1157	0	0
26.	Mureșan Emil Ioan*, <b>Popescu Vasilica</b> , Sandu Ion <i>Synthesis and characterization of hierarchical metallosilicate macrospheres catalysts</i> <b>REVISTA DE CHIMIE</b> , 65, no. 9, (2014), p. 1029-1035. Accession Number: <b>WOS:</b> 000343965900008 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000343965900008">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000343965900008</a>	0.810	0.27	0	0
27.	Bălan Gina, Mureșan Emil Ioan, <b>Popescu Vasilica</b> , Cerempei Angela*, Mureșan Augustin, Sandu Ion <i>Alternative hydrophobic treatments applied on dyed fabrics</i> <b>REVISTA DE CHIMIE</b> , 65, nr. 9, (2014), p.1052-1057. Accession Number: <b>WOS:</b> 000343965900013 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000343965900013">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000343965900013</a>	0.810	0.135	0	0
28.	Constandache Tatiana, Cerempei Angela, Mureșan Emil-Ioan, <b>Popescu Vasilica</b> *, Droboță Mioara, Sandu Ion <i>Modified organic pigments used in polypropylene coloration</i> <b>REVISTA DE CHIMIE</b> , 65, no. 8, (2014), p. 892-896. Accession Number: <b>WOS:</b> 000340867000006 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340867000006">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000340867000006</a>	0.810	0.810	0	0

29.	<p><b>Popescu Vasilica*</b>, Sandu Ion  <i>Multifunctional finishing with tetrol and monochlorotriazinil- <math>\beta</math>-cyclodextrine</i>  <b>REVISTA DE CHIMIE</b>, 65, no. 7, (2014), p. 811-818.  Accession Number: <b>WOS</b>:000345545600015  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345545600015">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000345545600015</a></p>	0.810	0.810	0	0
30.	<p><b>Popescu Vasilica*</b>, Sandu Ion, Mureşan Emil Ioan, Istrate Bogdan, Lisă Gabriela  <i>Effects of the pre-treatment with atmospheric - air plasma followed by conventional finishing</i>  <b>REVISTA DE CHIMIE</b>, 65, no. 6, (2014), p. 676-683.  Accession Number: <b>WOS</b>:000339140400010  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000339140400010">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000339140400010</a></p>	0.810	0.810	0	0
31.	<p>Bercu E., Diaconescu R*, Balan A., Sandu I., <b>Popescu V.</b>, Cioloca D., Toma V.  <i>Interaction of the anionic polyelectrolytes with crystal violet of the dyeing process of Melana fibres statistic modelling and optimization</i>  <b>MATERIALE PLASTICE</b>, 51, no. 1, (2014), p. 22-27.  Accession Number: <b>WOS</b>: 000333795300005  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000333795300005">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000333795300005</a></p>	0.824	0.1177	0.782	0.112
32.	<p><b>Popescu Vasilica*</b>, Vasluianu Ecaterina, Forna Norina-Consuela, Sandu Ion, Bercu Elena  <i>Comparative study of the FTIR analysis and the performances of N,N,N-trimethyl chitosan as wrinkle-proofing agent</i>  <b>REVISTA DE CHIMIE</b>, 64, no.11, (2013), p. 1284-1294.  Accession Number: <b>WOS</b>: 000328441600015  <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000328441600015">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000328441600015</a></p>	0.677	0.677	0	0
33.	<p>Vasluianu Ecaterina, <b>Popescu Vasilica*</b>, Grigoriu Aurelia, Forna Norina Consuela, Sandu Ion  <i>Comparative study concerning the FTIR analysis and the performances of chitosan-based wrinkle-proofing agents</i>  <b>REVISTA DE CHIMIE</b>, 64, no.10, (2013), p. 1104-1115.</p>	0.677	0.677	0	0

	Accession Number: <b>WOS:</b> 000327577600010 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000327577600010">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000327577600010</a>				
34.	<b>Popescu Vasilica*</b> , Mureşan Emil Ioan <i>Performances of chitosan grafted onto surface of polyacrylonitrile functionalized through amination reactions</i> <b>INDUSTRIAL ENGINEERING CHEMISTRY RESEARCH</b> , 52, no. 37, (2013), p. 13252-13263. Accession Number: <b>WOS:</b> 000330080100003 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000330080100003">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000330080100003</a>	2.235	2.235	4.326	4.326
35.	Mureşan Emil Ioan*, Bălan Gina, <b>Popescu Vasilica</b> <i>Durable hydrophobic treatment of cotton fabrics with glycidyl stearate</i> <b>INDUSTRIAL ENGINEERING CHEMISTRY RESEARCH</b> , 52, no.18, (2013), p. 6270-6276. Accession Number: <b>WOS:</b> 000318838900023 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000318838900023">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000318838900023</a>	2.235	0.745	4.326	1.240
36.	<b>Popescu Vasilica*</b> , Manea Liliana Rozemarie, Sandu Ioan Gabriel, Chirculescu Andreea Irina, Sandu Ion <i>Eco-friendly phisico-chemical stimuli and their impact upon the tinctorial capacity of acrylic fibres</i> <b>REVISTA DE CHIMIE</b> , 64, no.3, (2013), p. 281-286. Accession Number: <b>WOS:</b> 000319179300014 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000319179300014">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000319179300014</a>	0.677	0.677	0	0
37.	Bercu Elena, Diaconescu Rodica-Mariana*, Radu Cezar-Doru, <b>Popescu Vasilica</b> <i>New maleic copolymers used in the PAN fibres restoration spectral remission measurements</i> <b>EUROPEAN JOURNAL OF SCIENCE AND THEOLOGY</b> , 8, no. 4, (2012), p. 247-258. Accession Number: <b>WOS:</b> 000312968400023 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000312968400023">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000312968400023</a>	0.389	0.097	0	0

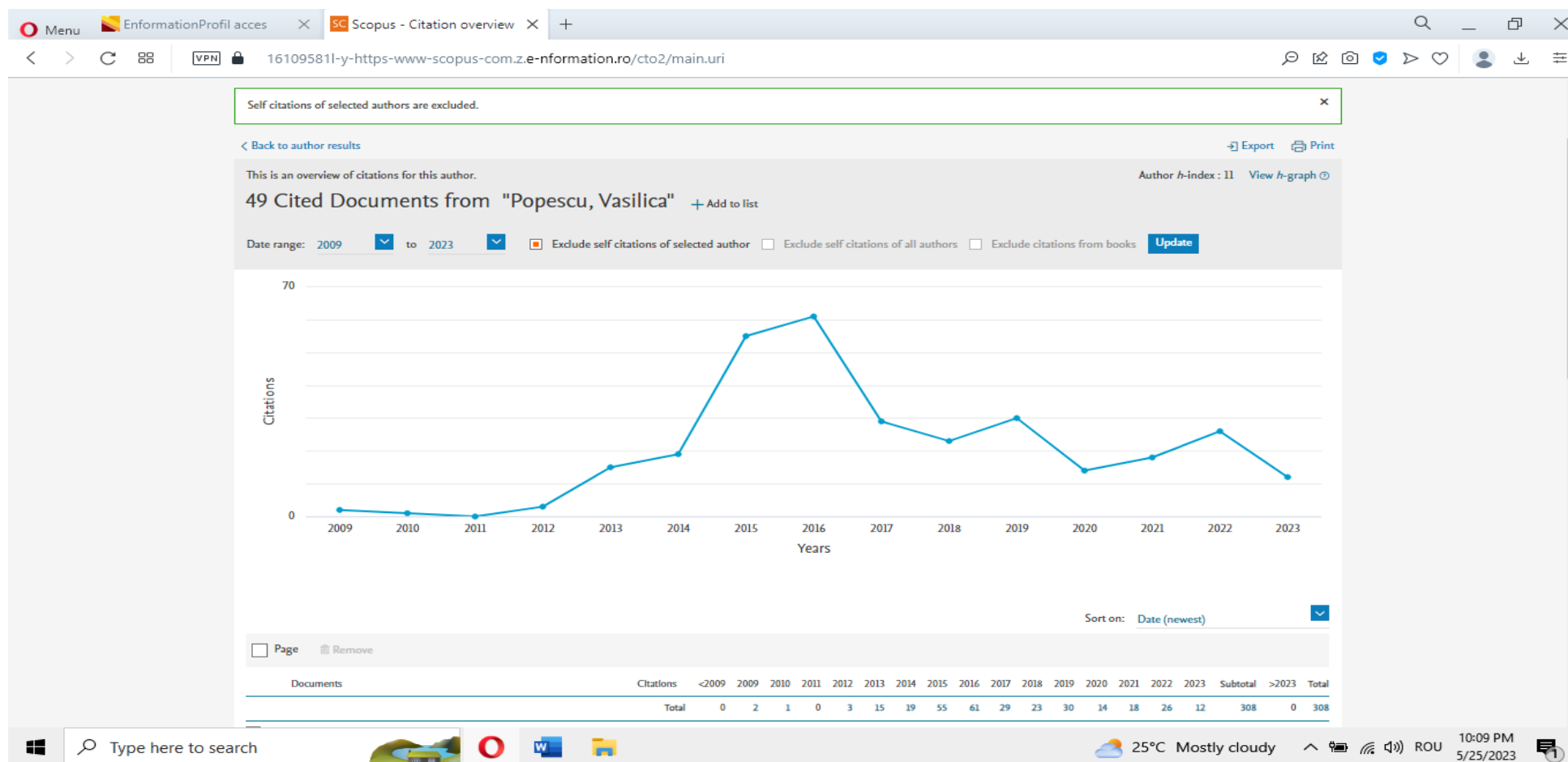
	<a href="#">record/WOS:000312968400023</a>				
38.	<b>Popescu Vasilica*</b> , Mureșan Emil Ioan, Grigoriu Ana-Maria <i>Monochlorotriazinyl-beta-cyclodextrin grafting onto polyester fabrics and films</i> <b>CARBOHYDRATE POLYMERS</b> , 86, no.2, (2011), p. 600-611. Accession Number: <b>WOS</b> : 000294187400027 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000294187400027">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000294187400027</a>	3.628	3.628	10.723	10.723
39.	<b>Popescu Vasilica*</b> , Manea Liliana-Rozemarie, Curteza Antonela, Vasluianu Ecaterina <i>Non-conventional method for the levelling dyeing of the acrylic fibers with cationic dyestuffs</i> <b>TEKSTIL</b> , vol. 60, no. 7, (2011), p. 306-312. Accession Number: <b>WOS</b> : 000317085700003 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000317085700003">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000317085700003</a>	0.086	0.086	0	0
40.	<b>Popescu Vasilica*</b> , Radu Cezar Doru, Manea Liliana Rozemarie <i>Effects of the changes caused by certain chemical pretreatments performed on acrylic polymers</i> <b>INDUSTRIA TEXTILĂ</b> , 61, no.1, (2010), p. 23-30. Accession Number: <b>WOS</b> : 000275256000005 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000275256000005">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000275256000005</a>	0.853	0.853	0.828	0.828
41.	<b>Popescu Vasilica*</b> , Manea Liliana Rozemarie, Amariei Nicușor <i>Determination of the factors influencing the flame retardant efficiency of the protection - dyed cellulose materials using the analysis of variances</i> <b>MATERIALE PLASTICE</b> , 46, no. 1, (2009), p. 95-100, cotate ISI dar cu FI în 2009= 0. Accession Number: <b>WOS</b> : 000265431100018 <a href="https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000265431100018">https://1610q54fi-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000265431100018</a>	0	0	0.782	0.782
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<input type="checkbox"/> 4 Laser Induced method to produce curcuminoid-silanol thin fil...	2021															4	2	6		6
<input type="checkbox"/> 5 Eco-Friendly Stimuli and Their Impact on the Tinctorial Capa...	2021																	0		0
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<input type="checkbox"/> 7 Multifunctionalizations of textile materials highlighted by ...	2020																	0		0
<input type="checkbox"/> 8 Sustainable and cleaner microwave-assisted dyeing process fo...	2019													3	4	5	1	13		13
<input type="checkbox"/> 9 Study of cotton grafting with hemiacetal-MCT- $\beta$ -CD derivative...	2017																	0		0
<input type="checkbox"/> 10 Highlighting a cotton grafting process using the spectral su...	2017																	0		0
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By: **Popescu Vasilica**; Muresan, Emil Ioan

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By: Muresan Emil Ioan; Balan Gina; **Popescu Vasilica**

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By: **Popescu Vasilica**; Vasluianu Ecaterina; Forna Norina-Consuela; et al.

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By: Manea, Liliana Rozemarie; Nechita, Elena; Sandu, Ion

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12. Study Concerning the Processability of Polyetherimide (PEI) Solution for Obtaining Nanofibers

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13. Estimating Clothing Comfort Under Dynamic Conditions in the Evaluation of Some Biometric Parameters II. The evaluation of temperature and electrical resistance of the skin  
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19. The study about the use of the natural fibres in composite materials  
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By: Manea, L.R., Chirita, M., Hristian, L., Popa, A., Sandu, I.  
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22. The Influence of Polymer Solution on the Properties of Electrospun 3D Nanostructures

By: Amariei, N., Manea, L.R., Berteau, A.P., Berteau, A., Popa, A.

Conference: International Conference on Innovative Research (ICIR Euroinvent) Location: Iasi, ROMANIA Date: MAY 25-26, 2017

Sponsor(s): Romanian Inventors Forum; Gheorghe Asachi Tech Univ Iasi, Fac Mat Sci & Engr; Alexandru Ioan Cuza Univ Iasi, ARHEOINVEST Platform; Univ Malaysia Perlis, Ctr Excellence Geopolymer & Green Technol; Malaysian Res & Innovat Soc; EUROINVENT

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**36. Effects of the changes caused by certain chemical pretreatments performed on acrylic polymers [Efectele modificărilor generate de anumite pretratamente chimice efectuate pe polimeri acrilici]**

By: **Popescu V.**, Radu C.D., Manea L.R.

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By: **Popescu Vasilica**; Manea Liliana Rozemarie; Amariei Nicusor

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By: Hristian, Liliana; Ostafe, Maria Magdalena; Manea, Liliana Rozemarie; et al.

20. Electrospinning Polyaniline for Sensors

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22. PROCESS OPTIMIZATION OF PAD-DRY-FIXATION AND FOAM COATING METHODS FOR FLAME RETARDANT MATTRESS FABRICS | [alev geciktirici yatak kumařları için emdirme ve köpük kaplama yöntemlerinin proses optimizasyonu]

*Open Access*

By: Önder, Z., Üstüntağ, S., Paşayev, N., Türksoy, H.G.

Tekstil ve Muhendis, 28(123), pp. 1-10, 2021

38. **The analysis of variance applied in case of tinctorial system acrylic fiber - cationic dye** [Folosirea metodei de analiză dispersională în studiul sistemului tinctorial fibre acrilice - coloranți cationici]

By: **Popescu, V.**, Butnaru, R., Popescu, G.

**REVISTA ROMANA DE TEXTILE - PIELARIE**, Issue 1, **2001**, Pages 85-90

**Citat de:**

1.Fundamentals and practices in colouration of textiles, 2009 (Book Autor: Chakraborty, J.N (Textile Technology Department, National Institute of Technology, Jalandhar, India );

ISBN: 978-184569788-4 Original language: English

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2.Fundamentals and practices in colouration of textiles: Second edition, 2014; Book Autor: Chakraborty, J.N (Textile Technology Department, National Institute of Technology, Jalandhar, India); ISBN: 978-085709282-3;978-938030846-3, Original language: English

Book, Publisher: Elsevier Inc.

**39. Statistical analysis of acrylic fibres dyeing levelness Part I: Temperature and dye concentration influence,**

By: **Popescu, V.**, Butnaru, R., Popescu, G.L., et. al.

**REVISTA ROMANA DE TEXTILE - PIELARIE**, Issue 4, 2001, Pages 77-82

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**TOTAL citări în SCOPUS (fără autocitări), NC = 308**  
**rezultă STANDARD ÎNDEPLINIT (deoarece NC > 120)**

**Justificarea standardului NCO (Numar Contracte)**

***Pentru standardul NCO (nr. Contracte de cercetare), în calitate de director de proiect am realizat contractul de cercetare nr. 16717 / 2022 pe tema „Cercetări privind obținerea de materiale superabsorbante”, cu firma S.C. Plastprod S.R.L. din județul Iași. Valoarea contractului a fost de 50000 lei (exclusiv TVA) conform adeverinței de mai jos care dovedește suplimentar și calitatea mea de director de proiect de cercetare. Rezultă că și acest standard este ÎNDEPLINIT deoarece NCO = 1.***

UNIVERSITATEA TEHNICA "GHEORGHE ASACHI" DIN IAȘI

Direcția Management și Monitorizare Proiecte

Biroul de Management și Monitorizare a Proiectelor



ADEVERINTA

La solicitarea doamnei Conf.dr.ing. Vasilica Popescu, confirmăm prin prezenta derularea prin D.M.M.P. a contractelor de cercetare prezentate mai jos.

Calitatea	Nr.	Titlul proiectului	Număr contract/tip	Valoare contract (RON)	Perioada/ anul	Director / Responsabil proiect
Director proiect	1	CERCETARI PRIVIND OBTINEREA DE MATERIALE SUPERABSORBANTE	Agent economic 16717/23.05.2022	50000,00 exclusiv TVA	2022	Conf. Vasilica Popescu
	2	GRANT PENTRU SUSTINEREA CAPACITATII DE PUBLICARE	Grant intern GI/P11/2021	45000,00	2021	Conf. Vasilica Popescu

Rector,  
Prof.dr.ing Dan Căpățan



Director D.M.M.P,  
Ing. Nicoleta Cuciureanu

Întocmit,  
Ing. Virgil Medvichi

***Conform informațiilor prezentate rezultă că toate standardele minimale naționale au fost îndeplinite. Dovezile justificative au constat, după caz, în linkuri, capturi de imagini, liste detaliate ale citărilor și o adeverință.***

***Data: 5.06.2023***

***Candidat  
Conf. Univ. Dr. Ing. Habil. POPESCU VASILICA***

A handwritten signature in blue ink, consisting of a stylized 'P' followed by a series of loops and a long horizontal stroke extending to the right.