

Articole științifice publicate în reviste și volume indexate în perioada de derulare a proiectului.

Nr - ctr -	Autori	Titlul Lucrării	Revista (cod ISSN)	Identificator lucrare	Obsevații (dacă este cazul)
1.	F. Cappa, I Paganoni, C Carsote, M. Schreiner, Elena Badea	„Studies on the effect of dry-heat ageing on parchment deterioration by vibrational spectroscopy and micro hot table method”	Polymer Degradation and Stability,	2020, vol.182, 109375 https://doi.org/10.1016/j.polymdegradstab.2020.109375	FI: 4,032
2.	Yan Bao , Lu Gao , Caiping Feng , Jianzhong Ma , Wenbo Zhang , Chao Liu , Demetra Simion	“Sonochemical synthesis of flower-like ZnO assembled by hollow cones toward water vapor permeability and water resistance enhancement of waterborne film”	Journal of Industrial and Engineering Chemistry	Volume 82 , 25February 2020, Pages 180-189, https://www.sciencedirect.com/science/article/pii/S1226086X19305362	IF: 4.978
3.	Yan Bao, Lu Gao, Caiping Feng, Jianzhong Ma, Wenbo Zhang, Chao Liu, Demetra Simion	“Hollow flower-like ZnO: Synthesis, growth mechanism and application in polyacrylate”	Advanced Powder Technology	available online 11 Martie 2020_ https://doi.org/10.1016/j.apt.2020.02.030	IF: 3.250
4.	Craciun, G, Manaila, E.Ighigeanu, D. , Stelescu, M.D.	“A method to improve the characteristics of EPDM rubber based eco-composites with electron beam”	Polymers ISSN: 2073-4360	Volume 12, Issue 1, 1 January 2020, Article number 215	IF: 3.771
5.	Stelescu M.D. , Manaila E, Georgescu M., Nituica M	“New Materials Based on Ethylene Propylene DieneTerpolymerand Hemp Fibers Obtained by Green Reactive Processing”	Materials ISSN 1996-1944	2020 April, 13(9); 2067 https://doi.org/10.3390/ma13092067	IF: 2.651
6.	Zaharia C., Diaconu M., Muresan E.I., Danila A., Popescu A. , Rosu G.	“Bioactive emulsions with beneficial antimicrobial application in textile material production”	Cellulose ISSN: 0969-0239,	2020, Publish on-line SEP 2020, https://doi.org/10.1007/s10570-020-03432-y	FI: 4,21 Q1
7.	Raluca Tutuianu, Ana-Maria Rosca, Madalina Georgiana Albu Kaya ,	“Mesenchymal stromal cell-derived factors promote the colonization of collagen 3D scaffolds with human	J Cell Mol Med. ISSN:1582-4934,	2020, 00:1-13, First published: 14 July 2020, https://doi.org/10.1111/	FI: 4,486 Q2

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9.	Maria Rapa, Carmen Gaidau , Laura Mihaela Stefan, Ecaterina Matei, Mihaela Niculescu , Mariana Daniela Berechet , Maria Stanca , Cristina Tablet, Madalina Tudorache, Raluca Gavrilă, Cristian Predescu, Ruxandra Vidu	"New Nanofibers Based on Protein By-Products with Bioactive Potential for Tissue Engineering"	Materials ISSN: 1996-1944,	2020, nr. 13, pp. 3149, Published: 15 July 2020, https://doi.org/10.3390/ma13143149	FI: 3,057
10	Daniel-Cristian Ioan, Ileana Rau, Madalina Georgiana Albu Kaya , Nicoleta Radu, Marinela Bostan, Roxana Gabriela Zgarian, Gratiela Teodora Tihan, Cristina-Elena Dinu-Pirvu, Alina Lupuliasa, Mihaela Violeta Ghica	"Ciprofloxacin-Collagen-Based Materials with Potential Oral Surgical Applications"	Polymers ISSN: 2073-4360,	2020, nr. 12, pp. 1915, Published: 25 August 2020, https://doi.org/10.3390/polym12091915	FI: 3,426
11	R. HARPA, E. VISILEANU	"De la designul tesaturii la fabricarea rochiei, avand in vedere adecvanta tesaturii la utilizarea finala"	Industria Textila ISSN 1222-5347	vol.69, nr.6/2018, pag.434-439	
12	I. DUMITRESCU, E.C. MITRAN, E. VARZARU, R. CONSTATINESCU, O. G. IORDACHE, D. STEFANESCU, M.	"Efectele multifunctionale ale textilelor vopsite cu extract din radacina de roiba (Rubiatinctoria)"	Industria Textila ISSN 1222-5347	vol.69, nr.6/2018, pag.451-457	

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13	S. OLARU, C. GROSU, E. CARPUS, P. C.GHITULEASA, M. GRETI PUIU, S.M. BOGYO, S. L. BUCURAS	“Clustere din domeniul textile-confectii - motor de dezvoltare sustenabila a economiei romanesti”	Industria Textila ISSN 1222-5347	vol.69, nr.6/2018, pag.483-488	

14.	M.C.GROSU, A ALEXAN	“Structuri textile neconventionale cu destinatie tehnica, proiectate si dezvoltate la S.C. Cora Trading & Service S.R.L. ”	Industria Textila ISSN 1222-5347	vol.70, nr.1/2019, pag.76-82	
15.	A. DANILA, C. ZAHARIA, D. SUTEU, E. I. MURESAN, G. LISA, S. Y. KARAVANA, A. TOPRAK, A. POPESCU, L. CHIRILA	“Emulsii obtinute pe baza de ulei esential de menta: obtinere si caracterizare”	Industria Textila ISSN 1222-5347	vol.70, nr.2/2019, pag.154-159	
16	L. SURDU, E. VISILEANU, A. ARDELEANU, C. MITRAN, I. R. RADULESCU, C. STANCU, I. SANDULACHE, B. MITU	“Cercetari privind factorul de acoperire al tesaturilor pulverizare in plasma tip magnetron”	Industria Textila ISSN 1222-5347	vol.70, nr.2/2019, pag.154-159	
17.	C. MIHAI, C. JIPA, O. D. ZAMFIRACHE, A. ENE, C. D. GHIMUS, C. NITE	“Testarea structurii sistemului de stabilizare-decelerare a armamentului in conditii statice si in tunelul aerodinamic subsonic”	Industria Textila ISSN 1222-5347	vol.70, nr.2/2019, pag.160-164	
18.	E. PERDUM, D. TOMA, M. VAMESU, C. MITRAN, I. SANDULACHE, D. CIUTARU, L. SECAREANU, O.IORDACHE	“O abordare analitica privind extractia si detectarea permetrinului din materialele textile functionalizate”	Industria Textila ISSN 1222-5347	vol.70, nr.2/2019, pag.165-169	
19.	I. R. RADULESCU, R. VANNUCCI, P. DUFKOVA, L.	“Texmatrix - matrice a cunostintelor pentru inovarea aplicata in	Industria Textila	vol.70, nr.2/2019, pag.197-202	

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20.	R.M. Aileni, R. I. Radulescu, L. Chiriac, L. Surdu	"Life cycle assessment of the electroconductive textiles functionalized by advanced technologies (plasma) and metallic micro/nanoparticles deposition"	Industria Textila ISSN 1222-5347	vol.70, nr.3/2019, pag.205-210	
21.	Kaya Yusuf, Günaydin Karakan Gizem, Emilia Visileanu	"The impact of foreign exchange movements on turkish textile sector"	Industria Textila ISSN 1222-5347	vol. 70, nr.3/2019, pp.291-296	
22.	R.M, Aileni, L. Chiriac, S. Albici, A. Subtirica, L. Dinca	"Aspects of the hydrophobic effect sustainability obtained in plasma for cotton fabrics"	Industria Textila ISSN 1222-5347	vol. 70, nr.3/2019, pp. 223-228	
23.	L.Chirila, C. Gaidau, M. Stroe, C.A. Alexe, M. Stanca, D. Radulescu, M. Baibarac	"Properties of textile and leather materials treated with new hybrid SiO ₂ /TiO ₂ /poly (2,2' bithiophene) nanocomposites"	Industria Textila ISSN 1222-5347	vol. 70, nr.3/2019, pp.236-241	

24.	M.A. Paun, A. Frunza, E.L. Stanciulescu, T.C. Munteanu, I. Cristescu, S. Grama, A. Ene, C. Mihai	"The use of collagen-coated polypropylene meshes for nasal reconstructive surgery"	Industria Textila ISSN 1222-5347	70, nr.3/2019, pp. 242-247	
25.	O. Niculescu, L. Albu, M.C. Loghin, C. Gaidau L. Miu, G. Coara	"New Products Based on Essential Oils for the Treatment of Medical Furs"	REVISTA DE CHIMIE Online ISSN: 2668-8212	Vol.70, Nr. 3, 2019, pp: 765-768	
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27.	I.L. Ardelean, D. Ficai, M. Sonmez, O. Oprea, G. Nechifor, E. Andronescu, A. Ficai, M.A. Titu	"Hybrid Magnetic Nanostructures for Cancer Diagnosis and Therapy"	ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY	Vol.19, Nr. 1, 2019, pp: 6-16	

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29.	S. Dinescu, S.R. Ignat, A.D. Lazar, S. Marin, E. Danila , M.M. Marin , D.I. Udenau, M.V. Ghica, M.G. Albu-Kaya , M. Costache	“Efficiency of Multiparticulate Delivery Systems Loaded with Flufenamic Acid Designed for Burn Wound Healing Applications”	JOURNAL OF IMMUNOLOGY RESEARCH ISSN: 2314-8861	Nr. 4513108, http://doi.org/10.1155/2019/45131082019
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31.	Vasile Opris, Dragos Alexandru Mirea, Radu Florin Andrei, Mihai Straticiuc, Corina Anca Simion, Ioana Stanculescu, Lucretia Miu , Laurentiu Dinca	“Archaeometric Studies of Boian Pottery from Nanov-‘Vistireasa 3’ (Teleorman County, Romania, c. 4800-4500 cal BC)”	Bridging Science and Heritage in the Balkans, Studies in archaeometry, cultural heritage restoration and conservation, ISBN 978-1-78969-196-2 ISBN 978-1-78969-197-9	pg. 92-102, 2019

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41.	Miruna Stan, Laura Chirila, Alina Popescu, Denisa Radulescu, Diana Radulescu, Anca Dinischiotu	“Essential Oil Microcapsules Immobilized on Textiles and Certain Induced Effects”	Materials ISSN: 1996-1944	vol 12, issue 12, https://doi.org/10.3390/ma12122029 www.mdpi.com/journal/materials
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