

ARTICOLE PUBLISHATE IN REVISTE INDEXATE WoS – Q1

Nr. Crt.	Articol	Revista	Autori	Identificator articol/WOS	Factor de impact
0	1	2	3	4	5
Anul 2020					
1.	Alternative lignopolymer-based composites useful as enhanced functionalized support for enzymes immobilization	Catalysis Today, ISSN 0920-5861	Cristina Lite , Sabina Ion, Madalina Tudorache, Irina Zgura, Aurelian C. Galca, Madalin Enache, Gabriel-Mihai Maria, Vasile I. Parvulescu	DOI: 10.1016/j.cattod.2020.05.060 Vol. 379, pg. 222-229 WOS:000686906600004	6,766
2.	Textile Materials Treatment With Mixture of TiO ₂ :N and SiO ₂ Nanoparticles for Improvement of Their Self-Cleaning Properties	Journal of Natural Fibers ISSN 1544-0478	Alice-Ortansa Mateescu, Gheorghe Mateescu, Ion Burducea, Paul Emil Mereuta, Laura Chirila, Alina Popescu , Malvina Stroe, Andreea Nila, Mihaela Baibarac	DOI: 10.1080/15440478.2020.1818349 Vol. 19, 2022, nr. 7, pg. 2443-2456, published online: 14.09.2020 WOS:000569209400001	5,323
3.	Bioactive emulsions with beneficial antimicrobial application in textile material production	Cellulose, ISSN 0969-0239	Carmen Zaharia, Mariana Diaconu, Emil Ioan Muresan, Angela Danila, Alina Popescu , Genoveva Rosu	DOI: 10.1007/s10570-020-03432-y Vol. 27, nr. 70, pg. 1-13 WOS:000566872000001	5,044
4.	Studies on the effect of dry-heat ageing on parchment deterioration by vibrational spectroscopy and micro hot table method	Polymer Degradation and Stability, ISSN 0141-3910	Federica Cappa, Ilaria Panoni, Cristina Carsote, Manfred Schreiner, Elena Badea	DOI: 10.1016/j.polymdegradstab.2020.109375 Vol. 182, December 2020, 109375 WOS:000600686000004	5,030
5.	Hollow flower-like ZnO: Synthesis, growth mechanism and application in polyacrylate	Advanced Powder Technology, ISSN 0921-8831	Yan Bao, Lu Gao, Caiping Feng, Jianzhong Ma, Wenbo Zhang, Chao Liu, Demetra Simion	DOI: 10.1016/j.appt.2020.02.030 Vol. 31, nr. 5, pg. 1975-1984 WOS:000541727300006	4,833
6.	Radiation Processing and Characterization of Some Ethylene-propylene-diene Terpolymer/Butyl (Halobutyl) Rubber/Nanosilica Composites	Polymers, ISSN 2073-4360	Elena Manaila, Anton Airinei, Maria Daniela Stelescu, Maria Sonmez, Laurentia Alexandrescu , Gabriela Craciun, Daniela Pamfil, Nicusor FifereCristian-Dragos Varganici, Florica Doroftei, Adrian Bele	DOI: 10.3390/polym12102431 Vol. 12, nr. 10, articol 2431 WOS:000582901100001	4,329
7.	A method to improve the characteristics of EPDM rubber based eco-composites with electron beam	Polymers, ISSN 2073-4360	Gabriela Craciun, Elena Manaila, Daniela Ighigeanu, Maria Daniela Stelescu	DOI: 10.3390/polym12010215 Vol. 12, nr. 1, 215 WOS:000519848300214	4,329

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8.	Ciprofloxacin-collagen-based materials with potential oral surgical applications	Polymers, ISSN 2073-4360	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	DOI: 10.3390/polym12091915 Vol. 12, nr. 9, 1915 WOS:000582022800001	4,329
9.	Highly elastic superabsorbent collagen/PVP/PAA/PEO hydrogels crosslinked via e-beam radiation	Radiation Physics and Chemistry, ISSN 0969-806X	Maria Demetera, Viorica Meltzer, Ion Calina, Anca Scarisoreanu, Marin Micutz, Madalina Georgiana Albu Kaya	DOI: 10.1016/j.radphyschem.2020.108898 Vol. 174, 108898 WOS:000541372100030	2,858
Anul 2021					
1.	Development of Photo-crosslinkable Collagen Hydrogel Building Blocks for Vascular Tissue Engineering Applications: A Superior Alternative to Methacrylated Gelatin?	Materials Science and Engineering C November 2021, ISSN 0928-4931	Nele Pien, Daniele Pezzoli, Jasper Van Hoorick, Francesco Copes, Margot Vansteenland, Madalina Albu , Bruno De Meulenaer, Diego Mantovani, Sandra Van Vlierberghe, Peter Dubruel	DOI: 10.1016/j.msec.2021.112460 Vol. 130, pg. 112460 WOS:000708658100002	8,457
2.	Preparation, characterization, and application of polysaccharide-based emulsions incorporated with lavender essential oil for skin-friendly cellulosic support	International Journal of Biological Macromolecules 2021, ISSN 0141-8130	Angela Danila, Emil Ioan Muresan, Sorin-Alexandru Ibanescu, Alina Popescu , Maricel Danu, Carmen Zaharia, Gizem Ceylan Turkoglu, Gokhan Erkan, Adela-Ioana StaraS	DOI: 10.1016/j.ijbiomac.2021.09.090 Vol. 191, pg. 405–413 WOS:000710244500007	8,025
3.	Bioactive Collagen Hydrolysate-Chitosan/Essential Oil Electrospun Nanofibers Designed for Medical Wound Dressings	Pharmaceutics, ISSN 1999-4923	Maria Rapa, Carmen Gaidau , Liliana Mititelu-Tartau, Mariana-Daniela Berechet , Andrei Constantin Berbecaru, Irina Rosca, Aurica P. Chiriac, Ecaterina Matei, Andra-Mihaela Predescu, Cristian Predescu	DOI: 10.3390/pharmaceutics13111939 Vol. 13, nr. 11, pg. 1939 WOS:000724396700001	6,525
4.	3D-Printed Gelatin Methacryloyl-Based Scaffolds with Potential Application in Tissue Engineering	Polymers, ISSN 2073-4360	Rebeca Leu Alexa, Horia Iovu, Jana Ghitman, Andrada Serafim, Cristina Stavarache, Maria-Minodora Marin , Raluca Ianchis	DOI: 10.3390/polym13050727 Vol. 13, nr. 5, pg. 727 WOS:000628430800001	4,967
5.	Electron Beam Irradiation: A Method for Degradation of Composites Based on Natural Rubber and Plasticized Starch	Polymers, ISSN 2073-4360	Elena Manaila, Gabriela Craciun, Daniel Ighigeanu, Ion Bogdan Lungu, Marius Dumitru, Maria Daniela Stelescu	DOI: 10.3390/polym13121950 Vol. 13, nr. 12, pg. 1950 WOS:000667062900001	4,967
6.	In Vitro Interaction of Doxorubicin-Loaded Silk Sericin Nanocarriers with MCF-7 Breast Cancer Cells Leads to DNA Damage	Polymers, ISSN 2073-4360	Ionut-Cristian Radu, Catalin Zaharia, Ariana Hudit, Eugenia Tanasa, Octav Ginghina, Minodora Marin , Bianca Galateanu, Marieta Costache	DOI: 10.3390/polym13132047 Vol. 13, nr. 13, pg. 2047 WOS:000671316700001	4,967

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7.	Dielectric, Thermal and Water Absorption Properties of Some EPDM/Flax Fiber Composites	Polymers, ISSN 2073-4360	Anton Airinei, Mihai Asandulesa, Maria Daniela Stelescu , Nita Tudorachi, Nicusor Fifere, Adrian Bele, Valentina Musteata	DOI: 10.3390/polym13152555 Vol. 13, nr. 15, pg. 2555 WOS:000682291800001	4,967
8.	Composite Polymers from Leather Waste to Produce Smart Fertilizers	Polymers, ISSN 2073-4360	Daniela Simina Stefan, Magdalena Bosomoiu, Rodica Roxana Constantinescu, Madalina Ignat	DOI: 10.3390/polym13244351 Vol. 13, nr. 24, pg. 4351 WOS:000737469500001	4,967
9.	Optimization of the Fermentation Conditions for Brewing Yeast Biomass Production Using the Response Surface Methodology and Taguchi Technique	Agriculture, ISSN 2077-0472	Iuliana Diana Barbulescu, Mihaela Violeta Ghica, Mihaela Begea, Madalina Georgiana Albu Kaya , Razvan Ionut Teodorescu, Lacramioara Popa, Simona Ioana Marculescu, Alexandru Ionut Ciric, Corina Dumitrache, Dumitru Lupuliasa, Florentina Matei, Cristina-Elena Dinu-Pirvu	DOI: 10.3390/agriculture11121237 Vol. 11, nr. 12, pg. 1237 WOS:000735839400001	3,408
10.	Gamma irradiation a green alternative for hides and leather conservation	Radiation Physics and Chemistry, ISSN 0969-806X	Carmen Gaidau , Ioana Rodica Stanculescu, Maria Stanca , Mihalıs Cutrubinis, Laura Trandafir, Mioara Alexandru, Cosmin-Andrei Alexe	DOI: 10.1016/j.radphyschem.2021.109369 Vol. 182, nr. 7, pg. 109369 WOS:000643647700010	2,776
11.	Micro-DSC, FTIR-ATR and NMR MOUSE study of the dose-dependent effects of gamma irradiation on vegetable-tanned leather: The influence of leather thermal stability	Radiation Physics and Chemistry, ISSN 0969-806X	Cristina Carsote, Claudiu Sendrea, Maria-Cristina Micu , Alina Adams, Elena Badea	DOI: 10.1016/j.radphyschem.2021.109712 Vol. 189, 109712 WOS:000704351600001	2,776
Anul 2022					
1.	Harmful health effects of pesticides used on museum textile artifacts – overview	Ecotoxicology and Environmental Safety, ISSN 0147-6513	Elena Cornelia Tanasescu, Mihaela Cristina Lite	DOI: 10.1016/j.ecoenv.2022.114240 Vol. 247, 114240 WOS:000880798900003	6,8
2.	Characterization of historical leather bookbindings by various thermal methods (TG/MS, Py-GC/MS, and micro-DSC) and FTIR-ATR spectroscopy	Journal of Analytical and Applied Pyrolysis, ISSN 0165-2370	Zoltan Sebestyen, Elena Badea , Cristina Carsote, Zsuzsanna Czegeny, Tímea Szabo, Bence Babinszki, Janos Bozi, Emma Jakab	DOI: 10.1016/j.jaap.2021.105428 Vol. 162, 105428, Special Issue “Analytical pyrolysis and other thermoanalytical techniques in Heritage Science” WOS:000787266400005	6,0
3.	Combination Therapy Using Polyphenols: An Efficient Way to Improve Antitumoral Activity and Reduce Resistance	International Journal of Molecular Sciences, ISSN 1422-0067	Alina Florentina Vladu , Denisa Ficai, Alexandra Gabriela Ene , Anton Ficai	DOI: 10.3390/ijms231810244 2022, Vol. 23, nr. 18, pg. 10244 WOS:000859421800001	5,6

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4.	Degradation by electron beam irradiation of some composites based on natural rubber reinforced with mineral and organic fillers	International Journal of Molecular Science, ISSN 1422-0067	Elena Manaila, Gabriela Craciun, Daniel Ighigeanu, Ion Bogdan Lungu, Marius Dumitru, Steleescu Maria Daniela	DOI: 10.3390/ijms23136925 2022, Vol. 23, nr. 13, pg. 6925 WOS:000824026600001	5,6
5.	Molecular Mapping of Antifungal Mechanisms Accessing Biomaterials and New Agents to Target Oral Candidiasis	International Journal of Molecular Science, ISSN 1422-0067	Valentina Anuta, Marina-Theodora Talianu, Cristina-Elena Dinu-Pirvu, Mihaela Violeta Ghica, Razvan Mihai Prisada, Madalina Georgiana Albu Kaya , Lacramioara Popa	DOI: 10.3390/ijms23147520 Vol. 23, nr. 14, pg. 7520 WOS:000833211200001	5,6
6.	Development of New Collagen/Clay Composite Biomaterials	International Journal of Molecular Science, ISSN 1422-0067	Maria Minodora Marin , Raluca Ianchis, Rebeca Leu Alexa, Ioana Catalina Gifu, Madalina Georgiana Albu Kaya , Diana Iulia Savu, Roxana Cristina Popescu, Elvira Alexandrescu, Claudia Mihaela Ninciuleanu, Silviu Preda, Madalina Ignat , Roxana Constantinescu , Horia Iovu	DOI: 10.3390/ijms23010401 Vol. 23, nr. 1, pg. 401 WOS:000743679700001	5,6
7.	Luminescence, paramagnetic and electrochemical properties of copper oxides-decorated TiO ₂ /graphene oxide nanocomposites	International Journal of Molecular Science, ISSN 1422-0067	Daniela Bala, Iulia Matei, Gabriela Ionita, Dragos-Viorel Cosma, Marcela-Corina Rosu, Maria Stanca , Carmen Gaidau , Maria Baleanu, Marian Virgolici, Ioana Stanculescu	DOI: 10.3390/ijms232314703 Vol. 23, nr. 23, pg. 14703 WOS:000897146200001	5,6
8.	Bioactive Low Molecular Weight Keratin Hydrolysates for Improving Skin Wound Healing	Polymers, ISSN 2073-4360	Laura Olariu, Brindusa Georgiana Dumitriu, Carmen Gaidau , Maria Stanca , Luiza Mariana Tanase, Manuela Diana Ene, Ioana-Rodica Stanculescu, Cristina Tablet	DOI: 10.3390/polym14061125 Vol. 14, nr. 6, pg. 1125 WOS:000774505600001	5,0
9.	Bioactivity and Thermal Stability of Collagen–Chitosan Containing Lemongrass Essential Oil for Potential Medical Applications	Polymers, ISSN 2073-4360	Maria Rapa, Traian Zaharescu, Laura Mihaela Stefan, Carmen Gaidau , Ioana Stanculescu, Rodica Roxana Constantinescu , Maria Stanca	DOI: 10.3390/polym14183884 2022 Vol. 14, nr. 18, pg. 3884 WOS:000859650600001	5,0
10.	Low release study of cefotaxime by functionalized mesoporous silica nanomaterials	Gels, ISSN 2310-2861	Dan Eduard Mihaiescu, Daniela Istrati, Alina Morosan, Maria Stanca , Bogdan Purcaneanu, Rodica Cristescu, Bogdan Stefan Vasile	DOI: 10.3390/gels8110711 Vol. 8, nr. 11, pg. 711 WOS:000895261200001	4,6
11.	Textile Materials Treatment with Mixture of TiO ₂ :N and SiO ₂ Nanoparticles for Improvement of Their Self-Cleaning Properties	Journal of Natural Fibers, ISSN 1544-0478	A.O. Mateescu, G. Mateescu, I. Burducea, P. Mereuta, L. Chirila , A. Popescu, M. Stroe, A. Nila & M. Baibarac	DOI: 10.1080/15440478.2020.1818349 Vol. 19, nr. 7, pg. 2443-2456 WOS:000569209400001	3,5

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12.	Eco-friendly antibacterial and biocompatible coatings by applying cinnamon essential oil and propolis based emulsions on cotton textiles	Journal of Natural Fibers, ISSN 1544-0478	Laura Chirila, Alina Popescu, Angela Cerempei, Rodica Roxana Constantinescu, Sabina Olaru, Miruna Stan	DOI: 10.1080/15440478.2022.2064397 Vol. 19, nr. 16, pg. 14435-14448 WOS:000783413900001	3,5
Anul 2023					
1.	Antibacterial chitosan-based composite sponge with synergistic hemostatic effect for massive haemorrhage	International Journal of Biological Macromolecules, ISSN 0141-8130	Zhitao Ren, Mengya Li, Jialu Qiao, Fang Wang, Madalina Georgiana Albu Kaya, Keyong Tang	DOI: 10.1016/j.ijbiomac.2023.126344 Volume 252, December 2023, Available online 14 August 2023 WOS:001077453600001	7,7
2.	Design and Evaluation of New Wound Dressings based on Collagen-Cellulose Derivatives	Materials & Design, ISSN 1873-4197	Elena Emilia Tudoroiu, Madalina Georgiana Albu Kaya, Maria Minodora Marin, Lacramioara Popa, Valentina Anuta, Aurora Antoniac, Ciprian Chelaru, Durmus Alpaslan Kaya, Razvan Mihai Prisada, Mihaela Violeta Ghica	DOI: 10.1016/j.matdes.2023.112469 Vol. 236, 112469 WOS:001116308400001	7,6
3.	Nanoclay-reinforced alginate/salecan composite inks for 3D printing applications	International Journal of Bioprinting, ISSN 2424-7723	Raluca Ianchis, Maria Minodora Marin, Rebeca Alexa Leu, Ioana Catalina Gifu, Elvira Alexandrescu, Gratiela Gradisteanu Pircalabioru, George Mihail Vlasceanu, Andrada Serafim, Silviu Preda, Cristina Lavinia Nistor, Cristian Petcu	DOI: 10.36922/ijb.0967 Vol. 10, nr. 1, 0967 WOS:001139800000001	6,8
4.	Thermal characterization of leathers tanned by metal salts and vegetable tannins	Journal of Analytical and Applied Pyrolysis, ISSN 0165-2370	Zoltan Sebestyen, Istvan Sandor Czironk, Emma Jakab, Zsuzsanna Czegeny, Elena Badea, Bence Babinszki, Sandor Tomoskozi, Zoltan May	DOI: 10.1016/j.jaap.2023.106035 Volume 173, August 2023, Available online 3 June 2023, pg 1-13 WOS:001147747000001	5,8
5.	Side-Chain Poly[2]pseudorotaxanes Containing β -Cyclodextrin for More Sustainable Tanning Process	Polymer Testing, ISSN 0142-9418	Ilaria Quaratesi, Immacolata Bruno, Antonio Pauciulo, Andrea R. Bartiromo, Elena Badea, Cristina Carsote, Placido Neri, Carmen Talotta, Rocco Gliubizzi, Valeria Di Tullio, Noemi Proietti, Antonuccio Cepparrone Franca Nuti, Vittoria Ferrara, Carmine Gaeta	DOI: 10.1016/j.polymertesting.2023.108268 Vol. 129, 108268 WOS:001111390900001	5,0
6.	Synthesis, physicochemical characteristics, and biocompatibility of multi-component collagen-based hydrogels developed by e-beam irradiation	Journal of Functional Biomaterials, ISSN 2079-4983	Maria Demeter, Andreea Mariana Negrescu, Ion Calina, Anca Scarisoreanu, Madalina Albu Kaya, Marin Micutz, Marius Dumitru, Anisoara Cimpean	DOI: 10.3390/jfb14090454 Vol. 14, nr. 9, 454 WOS:001079220500001	5,0
7.	Microbial polysaccharide-based formulation with silica nanoparticles. A New Hydrogel Nanocomposite for 3D Printing	Gels, ISSN 2310-2861	Maria Minodora Marin, Ioana Catalina Gifu, Gratiela Gradisteanu Pircalabioru, Madalina Albu Kaya, Rodica Roxana Constantinescu, Rebeca Leu Alexa, Bogdan Trica, Elvira Alexandrescu, Cristina Lavinia Nistor, Cristian Petcu, Raluca Ianchis	DOI: 10.3390/gels9050425 Vol. 9, nr. 5, 425 WOS:001011289300001	5,0

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8.	Novel Green Crosslinked Salecan Hydrogels and Preliminary Investigation of Their Use in 3D Printing	Pharmaceutics, ISSN 1999-4923	Raluca Ianchis, Rebeca Leu Alexa, Ioana Catalina Gifu, Maria Minodora Marin , Elvira Alexandrescu, Roxana Constantinescu , Andrada Serafim, Cristina Lavinia Nistor, Cristian Petcu	DOI: 10.3390/pharmaceutics15020373 Vol. 15, nr. 2, 373 WOS:000940925600001	4,9
9.	Fish Scale Gelatin Nanofibers with Helichrysum Italicum and Lavandula	Pharmaceutics, ISSN 1999-4923	Carmen Gaidau , Maria Rapa, Maria Stanca , Mariana-Luiza Tanase, Laura Olariu, Rodica Roxana Constantinescu , Andrada Lazea-Stoyanova, Cosmin-Andrei Alexe , Madalina Sandulescu	DOI: 10.3390/pharmaceutics15122692 Vol. 15, nr. 12, 2692 WOS:001132061100001	4,9
10.	3D Porous Collagen Matrices - A Reservoir for In Vitro Simultaneous Release of Tannic Acid and Chlorhexidine	Pharmaceutics, ISSN 1999-4923	Lavinia Brazdaru, Teodora Staicu, Madalina Albu Kaya , Ciprian Chelaru , Corneliu Ghica, Viorel Circu, Minodora Leca, Mihaela Violeta Ghica, Marin Micutz	DOI: 10.3390/pharmaceutics15010076 Vol. 15, nr. 1, 76 WOS:000915622600001	4,9
11.	Physical chemical investigation of gamma irradiated parchment for preservation of cultural heritage	Polymers, ISSN 2073-4360	Ion Bogdan Lungu, Lucretia Miu , Mihalis Cutrubinis, Ioana Stanculescu	DOI: 10.3390/polym15041034 Vol. 15, nr. 4, 1034 WOS:000941725300001	4,7
12.	Cleaner Leather Tanning and Post-Tanning Processes Using Oxidized Alginate as Biodegradable Tanning Agent and Nano-Hydroxyapatite as Potential Flame Retardant	Polymers, ISSN 2073-4360	Ilaria Quaratesi , Maria Cristina Micu , Erica Rebba, Cristina Carsote , Noemi Proietti, Valeria Di Tullio, Rita Porcaro, Elena Badea	DOI: 10.3390/polym15244676 Vol. 15, nr. 24, 4676 WOS:001131263100001	4,7
13.	Physico-chemical Changes Induced by Gamma Irradiation on Some Structural Protein Extracts	Biomolecules, ISSN 2218-273X	Maria Stanca , Carmen Gaidau , Traian Zaharescu, George-Alin Balan, Iulia Matei, Aurica Precupas, Anca Ruxandra Leonties, Gabriela Ionita	DOI: 10.3390/biom13050774 Vol. 13, nr. 5, 774 WOS:000995604000001	4,8
14.	Effect of Protein Gel Treatments on Biometric and Biochemical Attributes of Tomato Seedlings in Greenhouse Condition	Agriculture, ISSN 2077-0472	Daniela Balan, Gabriela Luta, Maria Stanca , Ovidiu Jerca, Mihaela Niculescu , Carmen Gaidau , Stefana Jurcoane, Antoaneta Mihalcea	DOI: 10.3390/agriculture13010054 Vol. 13, nr. 1, 54 WOS:000914214000001	3,3
Anul 2024					
1.	Optimization of a Single-step Enzymatic Beamhouse: Toward Eco-friendly Leather Manufacturing	Green Chemistry, ISSN 1463-9270	Mingrui Zhang, Chao Tang, Hui Liu, Shufa Qin, Jie Liu, Madalina Georgiana Albu Kaya , Keyong Tang	DOI: 10.1039/D3GC05162E Vol. 26 (10), p. 6019-6031 WOS:001204786300001	9,3
2.	Co-pyrolysis of chrome-tanned leather shavings with wheat straw: thermal behavior, kinetics and pyrolysis products	Energy, ISSN 0360-5442	Jie Liu, Zonghui Zhang, Mingrui Zhang, Madalina Georgiana Albu Kaya , Fang Wang, Keyong Tang	DOI: 10.1016/j.energy.2024.131733, Available online 20 May 2024 131733 WOS:001244709500001	9,0

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3.	Ultra-Flexible, Anti-Freezing, and Adhesive Collagen Fiber-Derived Conductive Organohydrogel E-Skin for Strain, Humidity, Temperature, and Bioelectric Sensing Applications	Chemistry of Materials, ISSN 0897-4756	Rongrong Zhao, Jianxun Luo, Jiachang Liu, Tao Ke, Jinwei Zhang, Carmen Gaidau , Jin Zhou, Haibin Gu	DOI: 10.1021/acs.chemmater.4c00504 Vol. 36 (17), p. 8141–8158 WOS:001292243200001	7,2
4.	Engineered 3D-printed poly(vinyl alcohol) vascular grafts: Impact of thermal treatment and functionalization	Journal of Bioprinting, ISSN 2424-7723	Ionut-Cristian Radu, Derniza Cozorici, Madalina-Ioana Necolau, Roxana Cristina Popescu, Eugenia Tanasa, Laurentia Alexandrescu , Catalin Zaharia, Rafael Luque	DOI: 10.36922/ijb.2193 Vol. 10(3), pg. 2193 WOS:001257555300022	6,8
5.	Antimicrobial Packaging for Plum Tomatoes Based on ZnO Modified Low-Density Polyethylene	International Journal of Molecular Sciences, ISSN 1422-0067	Ludmila Motelica, Denisa Ficai, Ovidiu-Cristian Oprea, Roxana-Doina Trusca, Anton Ficai, Maria Daniela Stelescu , Maria Sonmez , Mihaela Nituica , Gabriel Mustatea, Alina Maria Holban	DOI: 10.3390/ijms25116073 Vol. 25, 6073	5,6
6.	Marine Resources Gels as Main Ingredient for Wound Healing Biomaterials: Obtaining and Characterization	Gels, ISSN 2310-2861	Alina Elena Coman , Maria Minodora Marin , A.M. Rosca, Madalina Georgiana Albu Kaya , Roxana Rodica Constantinescu , R. Titorencu	DOI: 10.3390/gels10110729 Vol. 10 (11), pg. 729 WOS:001365043000001	5,0
7.	Innovative Protein Gel Treatments to Improve the Quality of Tomato Fruit	Gels, ISSN 2310-2861	Gabriela Luta, Daniela Balan, Maria Stanca , Ovidiu Jerca, Stefana Jurcoane, Mihaela Niculescu , Carmen Gaidau , Ioana Rodica Stanculescu	DOI: 10.3390/gels10010010 Vol. 10(1), 10 WOS:001149151800001	5,0
8.	Germination Study of Some Protein-Based Gels Obtained from By-Products from the Leather Industry on Tomato and Pepper Seeds	Gels, ISSN 2310-2861	Stelica Cristea, Mihaela-Doina Niculescu , Alina Perisoara, Elena Ivan, Maria Stanca , Cosmin-Andrei Alexe , Bianca-Maria Tihauan, Laura Olariu	DOI: 10.3390/gels10010075 Vol. 10(1), 75 WOS:001149259200001	5,0
9.	The Influence of Gamma Radiation on Different Gelatin Nanofibers and Gelatins	Gels, ISSN 2310-2861	Carmen Gaidau , Maria Rapa, Gabriela Ionita, Ioana Rodica Stanculescu, Traian Zaharescu, Roxana-Rodica Constantinescu , Andrada Lazea-Stoyanova, Maria Stanca	DOI: 10.3390/gels10040226 Vol. 10(4), 226 WOS:001210194000001	5,0
10.	Donkey Gelatin and Keratin Nanofibers Loaded with Antioxidant Agents for Wound Healing Dressings	Gels, ISSN 2310-2861	Maria Rapa, Carmen Gaidau , Laura Mihaela Stefan, Andrada Lazea-Stoyanova, Mariana Daniela Berechet , Andreea Iosageanu, Ecaterina Matei, Virginija Janauskaite, Cristian Predescu, Virgilijus Valeika, Aiste Balciunaitiene, Snezana Cupara	DOI: 10.3390/gels10060391 Vol. 16 (3), 305 WOS:001257910100001	5,0
11.	Composites based on polymeric blends reinforced with TiO ₂ modified aramid fibers	Polymer Composites, ISSN 0272-8397	Cristina-Elisabeta Pelin, Maria Sonmez , George Pelin, Adriana Stefan, Maria Daniela Stelescu , Madalina Ignat , Dana Gurau , Mihai Georgescu , Mihaela Nituica	DOI: 10.1002/pc.282540 Vol. 45(4), p. 7116-7136 WOS:001180690900001	4,8

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12.	Three-Dimensional-Printed Sodium Alginate and k-Carrageenan-Based Scaffolds with Potential Biomedical Applications	Polymers, ISSN 2073-4360	Stavarache, C.; Gărea, S.A.; Serafim, A.; Olaret, E.; Vlasceanu, G.M.; Maria Minodora Marin ; Iovu, H.	DOI: 10.3390/polym16030305 WOS:001160027600001	4,7
13.	Development, Testing, and Thermoforming of Thermoplastics Reinforced with Surface-Modified Aramid Fibers for Cover of Electronic Parts in Small Unmanned Aerial Vehicles Using 3D-Printed Molds	Polymers, ISSN 2073-4360	Maria Sonmez , Cristina-Elisabeta Pelin, Cristina-Elisabeta Pelin, George Pelin, Bogdan Rusu, Adriana Stefan, Maria Daniela Stelescu , Madalina Ignat , Dana Gurau , Mihai Georgescu , Mihaela Nituica , Ovidiu-Cristian Oprea, Ludmila Motelica, Bartłomiej Wasniewski, Pawel Ortyl, Roxana Doina Trusca	DOI: 10.3390/polym16152136 Vol. 16(15), 1-37 WOS:001287003700001	4,7
14.	The Use of Additive Manufacturing Techniques in the Development of Polymeric Molds: A Review	Polymers, ISSN 2073-4360	George Pelin, Maria Sonmez , Cristina-Elisabeta Pelin	DOI: 10.3390/polym16081055 Vol. 16 (8), 1055 WOS:001210640900001	4,7
15.	Development and investigation of an innovative 3D biohybrid based on collagen and silk sericin enriched with flavonoids for potential wound healing applications	Polymers, ISSN 2073-4360	Lea Sleiman, Andreea Daniela Lazar, Madalina Georgiana Albu Kaya , Minodora Maria Marin , Durmus Alpaslan Kaya, Otilia Ruxandra Vasile, Sorina Dinescu	DOI: 10.3390/polym16121627 16(12), 1627 WOS:001256663400001	4,7
16.	Characterization of Mixtures Based on High-Density Polyethylene and Plasticized Starch	Polymers, ISSN 2073-4360	Maria Daniela Stelescu , Ovidiu-Cristian Oprea, Doina Constantinescu, Ludmila Motelica, Anton Fikai, Roxana-Doina Trusca, Maria Sonmez , Dana Florentina Gurau , Mihai Georgescu , Rodica Roxana Constantinescu , Bogdan-Stefan Vasile, Denisa Fikai	DOI: 10.3390/polym16213051 Vol. 16(21), 3051 WOS:001351810400001	4,7
17.	New Antimicrobial Materials Based on Plasticized Polyvinyl Chloride for Urinary Catheters: Preparation and Testing	Polymers, ISSN 2073-4360	Deleanu Iuliana Mihaela, Elena Grosu, Anton Fikai, Lia Mara Ditu, Ludmila Motelica, Ovidiu-Cristian Oprea, Gratiela Gradisteanu Pircalabioru, Maria Sonmez , Cristina Busuioc, Robert Ciocoiu, Vasile Iulian Antoniac	DOI: 10.3390/polym16213028 Vol. 16, no. 21 WOS:001351846700001	4,7
18.	Biocompatibility and Antibacterial Activity of Eugenol and Copaiba Essential Oil-Based Emulsions Loaded on Cotton Textile Materials	Polymers, ISSN 2073-4360	Laura Chirila , Miruna S. Stan, Ionela C. Voinea, Alina Popescu , Alexandra Gabriela Ene , Maricel Danu, Constanta Ibanescu, Mihaela Cristina Lite	DOI: 10.3390/ma17153867 Vol. 16(16), p. 2367 WOS:001305344900001	4,7
19.	Structural and Thermal Characterization of Some Thermoplastic Starch Mixtures	Polysaccharides, ISSN 2673-4176	Maria Daniela Stelescu , Ovidiu-Cristian Oprea, Maria Sonmez , Anton Fikai, Ludmila Motelica, Denisa Fikai, Mihai Georgescu , Dana Florentina Gurau	DOI: 10.3390/polysaccharides5040032 Vol. 5, no. 4, p. 504-522 WOS:001383971400001	4,7
20.	Topical Biocomposites Based on Collagen, Hyaluronic Acid and Metronidazole as Periodontitis Treatment	Pharmaceuticals, ISSN 1424-8247	Madalina Georgiana Albu Kaya ; Simonca, A.G.; Rau, I.; Alina Elena Coman ; Marin, M.M.; Popa, L.; Trusca, R.; Dinu-Pirvu, C.-E.; Ghica, M.V. .	DOI: 10.3390/ph17101336 Vol. 17, 1336 WOS:001342545500001	4,3

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21.	Development of innovative biocomposites with collagen, keratin and hydroxyapatite for bone tissue engineering	Biomimetics, ISSN 2313-7673	Florin Popescu, Irina Titorencu, Madalina Albu Kaya , Florin Miculescu, Raluca Tutuianu, Alina Elena Coman , Elena Danila , Minodora Maria Marin , Diana-Larisa Ancuta, Cristin Coman, Adrian Barbilian	DOI: 10.3390/biomimetics9070428 Vol. 9(7), 428 WOS:001276680000001	3,4
22.	Loop-Ultrasound-Assisted Extraction: An Efficient Approach for the Recovery of Bioactive Compounds from Oak Bark	Agronomy, ISSN 2073-4395	Ilaria Quaratesi , Ioan Calinescu, Vasile Lavric, Vittoria Ferrara, Elena Badea, Petre Chipurici, Elisa-Gabriela Dumbrava, Rodica-Roxana Constantinescu, Nicoleta Daniela Ignat, Ioana Popa	DOI: 10.3390/agronomy14071452 Vol. 14, 1452 WOS:001278167300001	3,3
23.	Eco-Friendly Alternatives in Leather Production: Performance of Biodegradable Alginate-Based Retanned Leather Compared to Conventional Leathers and Plant-Based Materials	Applied Sciences 2024, ISSN 2076-3417	Ilaria Quaratesi , Elena Badea , Ioan Calinescu, Nima Pourrasoul Sardroudi, Gokhan Zengin, Concepcio Casas, Anna Bacardit	DOI: 10.3390/app142210263 Vol. 14, 10263 WOS:001366835400001	2,6

ARTICOLE PUBLISHATE IN REVISTE INDEXATE WoS – Q2

Nr. Crt.	Articol	Revista	Autori	Identificator articol/WOS	Factor de impact
0	1	2	3	4	5
Anul 2020					
1.	Mesenchymal stromal cell-derived factors promote the colonization of collagen 3D scaffolds with human skin cells	Journal of Cellular and Molecular Medicine, ISSN 1582-4934	Raluca Tutuianu, Ana-Maria Rosca, Madalina Georgiana Albu Kaya , Vasile Pruna, Tiberiu Paul Neagu, Ioan Lascar, Maya Simionescu, Irina Titorencu	DOI: 10.1111/jcmm.15507 Vol. 24, nr. 17, pg. 9692-9704 WOS:000548240200001	5,310
2.	Selection of optimal operating conditions for extraction of Myrtus Communis L. Essential Oil by the steam distillation method	Molecules, ISSN 1420-3049	Durmus Alpaslan Kaya, Mihaela Violeta Ghica, Elena Danila , Sevket Öztürk, Musa Türkmen, Madalina Georgiana Albu Kaya , Cristina-Elena Dinu-Pirvu	DOI: 10.3390/molecules25102399 Vol. 25, nr. 10, 2399 WOS:000539293400132	4,412
3.	Bioactive properties of nanofibres based on concentrated collagen hydrolysate loaded with thyme and oregano essential oils	Materials, ISSN 1996-1944	Mariana Daniela Berechet , Carmen Gaidau , Aleksandra Miletic, Branca Pilic, Maria Rapa, Maria Stanca , Lia-Mara Ditu, Rodica Constantinescu , Andrada Lazea-Stoyanova	DOI: 10.3390/ma13071618 Vol. 13, nr. 7, 1618 WOS:000529875600136	3,623
4.	New Nanofibers based on Protein By-Products with Bioactive Potential for Tissue Engineering	Materials, ISSN 1996-1944	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	DOI: 10.3390/ma13143149 Vol. 13, nr. 14, 3149 WOS:000554173300001	3,623
5.	Sustainable Rabbit Skin Glue to Produce Bioactive Nanofibers for Nonactive Wound Dressings	Materials, ISSN 1996-1944	Ecaterina Matei, Carmen Gaidau , Maria Rapa, Roxana Constantinescu , Simona Savin, Mariana Daniela Berechet , Andra Mihaela Predescu, Andrei Constantin Berbecaru, George Coman, Cristian Predescu	DOI: 10.3390/ma13235388 Vol. 13, nr. 23, 5388 WOS:000597553100001	3,623
6.	New Materials Based on Ethylene Propylene Diene Terpolymer and Hemp Fibers Obtained by Green Reactive Processing	Materials, ISSN 1996-1944	Maria Daniela Stelescu , Elena Manaila, Mihai Georgescu , Mihaela Nituica	DOI: 10.3390/ma13092067 Vol. 13, nr. 9, 2067 WOS:000535941100061	3,623
7.	Release of the non-steroidal anti-inflammatory drug flufenamic acid by multiparticulate delivery systems promotes adipogenic differentiation of adipose-derived stem cells	Materials, ISSN 1996-1944	Andreea D. Lazar, Sorina Dinescu, Madalina G. Albu-Kaya , Sami Gharbia, Anca Hermenean, Marieta Costache	DOI: 10.3390/ma13071550 Vol. 13, nr. 7, 1550 WOS:000529875600068	3,623
8.	Collagen-based hydrogels composites from hide waste to produce smart fertilizers	Materials, ISSN 1996-1944	Daniela Simina Stefan, Gabriel Zainescu , Ana-Maria Manea-Saghin, Irene-Eva Triantaphyllidou, Ioanna Tzoumani, Triantafyllos I. Tatoulis, George T. Syriopoulos, Aurelia Meghea	DOI: 10.3390/ma13194396 Vol. 13, nr. 19, 4396 WOS:000586397600001	3,623

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9.	Obtaining, Evaluation and Optimization of Doxycycline-Loaded Microparticles Intended for the Local Treatment of Infectious Arthritis	Coatings, ISSN 2079-6412	Maria Minodora Marin, Madalina Georgiana Albu Kaya, Horia Iovu, Cristina Elena Stavarache, Ciprian Chelaru, Rodica Roxana Constantinescu, Cristina-Elena Dinu-Pirvu, Mihaela Violeta Ghica	DOI: 10.3390/coatings10100990 Vol. 10, nr. 10, pg. 1-16, 990 WOS:000584176100001	2,881
10.	Studies on the effects of mixed light-thermal ageing on parchment by vibrational spectroscopy and micro hot table method	Heritage Science, ISSN 2050-7445	Federica Cappa, Ilaria Panoni, Cristina Carsote, Elena Badea, Manfred Schreiner	DOI: 10.1186/s40494-020-0353-z Vol. 8, nr. 15 WOS:000512971300001	2,517
11.	¹³ C solid-state NMR complemented by ATR-FTIR and micro-DSC to study modern collagen-based material and historical leather	Magnetic Resonance in Chemistry, ISSN 0749-1581	Noemi Proietti, Valeria Di Tullio, Cristina Carsote, Elena Badea	DOI: 10.1002/mrc.5024 Vol 58, 2020, pg. 840-859 WOS:000538285000001	2,447
Anul 2021					
1.	Eco-friendly O/W emulsions with potential application in skincare products	Colloids and Surfaces A: Physicochemical and Engineering Aspects, ISSN 0927-7757	Angela Danila, Sorin-Alexandru Ibanescu, Carmen Zaharia, Emil Ioan Muresan, Alina Popescu, Maricel Danu, Vlad Rotaru	DOI: 10.1016/j.colsurfa.2020.125969 Vol. 612, pg. 125969 WOS:000616025000006	5,518
2.	An Overview of Cellulose Derivatives-Based Dressings for Wound-Healing Management	Pharmaceuticals, ISSN 1424-8247	Elena-Emilia Tudoroiu, Cristina-Elena Dinu-Pirvu, Madalina Georgiana Albu Kaya, Lacramioara Popa, Valentina Anuta, Razvan Mihai Prisada, Mihaela Violeta Ghica	DOI: 10.3390/ph14121215 Vol. 14, nr. 12, pg. 1215 WOS:000742994700001	5,215
3.	Collagen-Carboxymethylcellulose Biocomposite Wound-Dressings with Antimicrobial Activity	Materials, ISSN 1996-1944	Ionela Andreea Neacsu, Sorina-Alexandra Leau, Stefania Marin, Alina Maria Holban, Bogdan-Stefan Vasile, Adrian-Ionut Nicoara, Vladimir Lucian Ene, Coralia Bleotu, Madalina Georgiana Albu Kaya, Anton Ficai	DOI: 10.3390/ma14051153 Vol. 14, nr. 5, pg. 1153 WOS:000628385900001	3,748
4.	Multifunctional Leather Surface Design by Using Carbon Nanotube-Based Composites	Materials, ISSN 1996-1944	Maria Stanca, Carmen Gaidau, Cosmin-Andrei Alexe, Ioana Stanculescu, Silvana Vasilca, Andreea Matei, Demetra Simion, Roxana-Rodica Constantinescu	DOI: 10.3390/ma14113003 Vol. 14, nr. 11, pg. 3003 WOS:000660263000001	3,748
5.	Water Absorption Kinetics in Composites Degraded by the Radiation Technique	Materials, ISSN 1996-1944	Elena Manaila, Gabriela Craciun, Daniel Ighigeanu, Maria Daniela Stelescu	DOI: 10.3390/ma14164659 Vol. 14, nr. 16, pg. 4659 WOS:000689498700001	3,748
6.	Wool Keratin Hydrolysates for Bioactive Additives Preparation	Materials, ISSN 1996-1944	Carmen Gaidau, Maria Stanca, Mihaela-Doina Niculescu, Cosmin-Andrei Alexe, Marius Becheritu, Roxana Horoias, Cristian Cioineag, Maria Rapa, Ioana Rodica Stanculescu	DOI: 10.3390/ma14164696 Vol. 14, nr. 16, pg. 4696 WOS:000689379800001	3,748

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7.	Multivariate correlation analysis of the electroconductive textiles obtained using functionalization by radio-frequency oxygen plasma treatments	Materials, ISSN 1996-1944	Raluca Maria Aileni, Laura Chiriac, Doina Toma, Irina Sandulache	DOI: 10.3390/ma14195609 Vol. 14, nr. 19, pg. 5609 WOS:000725606100001	3,748
8.	Characterization of Wet Olive Pomace Waste as Bio Based Resource for Leather Tanning	Materials, ISSN 1996-1944	M. Merce Sole, Laia Pons, Mireia Conde, Carmen Gaidau , Anna Bacardit	DOI: 10.3390/ma14195790 Vol. 14, nr. 19, pg. 5790 WOS:000708074500001	3,748
9.	Sustainable Coated Nanostructures Based on Alginate and Electrospun Collagen Loaded with Antimicrobial Agents	Coatings, ISSN 2079-6412	Ecaterina Matei, Carmen Gaidau , Maria Rapa, Laura Mihaela Stefan, Lia-Mara Ditu, Andra Mihaela Predescu, Maria Stanca , Mircea Cristian Pantilimon, Mariana Daniela Berechet , Cristian Predescu, Anamaria Mosutiu	DOI: 10.3390/coatings11020121 Vol. 11, nr. 2, pg. 121 WOS:000622376200001	3,236
10.	A new approach to determining the constructive balance for the design of customised patterns of men garments	Journal of Engineered Fibers and Fabrics, ISSN 1558-9250	Manuela Avadanei, Sabina Olaru , Ionut Dulgheriu, Dorin Ionesi, Emil Loghin	DOI: 10.1177/15589250211064614 Vol. 16, pg. 1-19 WOS:000730605400001	2,000
Anul 2022					
1.	A New Approach to Dynamic Anthropometry for the Ergonomic Design of a Fashionable Personalised Garment	Sustainability, ISSN 2071-1050	Manuela Avadanei, Sabina Olaru , Ionut Dulgheru, Savin Dorin Ionesi, Emil Constantin Loghin, Irina Ionescu	DOI: 10.3390/su14137602 Vol. 14, 7602, pg. 3-24 WOS:000823867000001	3,9
2.	Scanning Electron Microscopy Study on the Biodeterioration of Natural Fiber Materials Compared to Disposable Hygiene and Sanitary Products	Fermentation, ISSN 2311-5637	Laura-Dorina Dinu, Ovidiu Iordache , Emanuel Vamanu	DOI: 10.3390/fermentation8060287 Vol. 8, nr. 6, pg. 287 WOS:000816461000001	3,7
3.	Gamma Irradiation and Ag and ZnO Nanoparticles Combined Treatment of Cotton Textile Materials	Materials, ISSN 1996-1944	O.A.Capraru, B. Lungu, M. Virgolici, M. Constantin, M. Cutrubinis, Laura Chirila , L.O. Cinteza, I. Stanculescu	DOI: 10.3390/ma1508273 Vol. 15, nr. 8, pg. 2734 WOS:000786297600001	3,4
4.	Design of green silver nanoparticles based on Primula officinalis extract for textile preservation	Materials, ISSN 1996-1944	Mihaela Cristina Lite, Rodica Roxana Constantinescu, Elena Cornelia Tanasescu , Andrei Kuncser, Cosmin Romanitan, Ioana Lacatusu, Nicoleta Badea	DOI: 10.3390/ma15217695 Vol. 15, nr. 21, pg. 695, Special Issue "Novel Green Nanotechnologies Applied in Environmental Protection and Health" WOS:000881150500001	3,4
5.	Conductive Membranes Based on Cotton Fabric Coated with Polymers for Electrode Applications	Materials, ISSN 1996-1944	Raluca Maria Aileni, Laura Chiriac	DOI: 10.3390/ma15207286 Vol. 15, nr. 20, pg. 7286 WOS:000875245300001	3,4

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6.	Correlations on the structure and properties of collagen hydrogels produced by e-beam crosslinking	Materials, ISSN 1996-1944	Maria Demeter, Ion Calina, Anca Scarisoreanu, Marin Micutz, Madalina Albu Kaya	DOI: 10.3390/ma15217663 Vol. 15, nr. 21, pg. 7663 WOS:000881380500001	3,4
7.	Collagen and Keratin Hydrolysates to Delay the Setting of Gypsum Plaster	Materials, ISSN 1996-1944	Constantin Voinitchi, Carmen Gaidau , Fanica Capatana Tudorie, Mihaela Niculescu , Maria Stanca , Cosmin-Andrei Alexe	DOI: 10.3390/ma15248817 Vol. 15, nr. 24, pg. 8817 WOS:000904217100001	3,4
8.	Mechanical Properties and Equilibrium Swelling Characteristics of Some Polymer Composites Based on Ethylene Propylene Diene Terpolymer (EPDM) Reinforced with Hemp Fibers	Materials, ISSN 1996-1944	Maria Daniela Stelescu , Anton Airinei, Alexandra Bargan, Nicusor Fifere, Mihai Georgescu , Maria Sonmez , Mihaela Nituica , Laurentia Alexandrescu , Adriana Stefan	DOI: 10.3390/ma15196838 Vol. 15, nr. 19, pg. 6838 WOS:000866984100001	3,4
9.	Burial-Induced Deterioration in Leather – A FTIR-ATR, DSC, TG/DTG, MHT and SEM study	Heritage Science, ISSN 2050-7445	Gabriela Vyskocilova, Richard Sevcik, Cristina Carsote, Elena Badea	DOI: 10.1186/s40494-021-00638-6 Vol. 10, nr. 1, article number 7 WOS:000739965600001	2,5
10.	Effectiveness of electromagnetic shielding in the case of electromagnetic shields based on ferromagnetic materials	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni , Cristian Morari, Doina Toma , Laura Chiriac	DOI: 10.35530/IT.073.01.202129 Vol. 73, nr. 1, pg. 62-68 WOS:000776609300009	1,4
11.	Vegetable culture vs. climate change, innovative solutions. Part 1. Research on the chemical analysis of Buzau white onion bulbs cultivated using diatomite and <i>Trichoderma</i>	Industria Textila, ISSN 1222-5347	Vasilica Manea, Cristina Balas, Dumitru-Mitel Toma, Floarea Burnichi, Delia Jitea, Emil Mirea, Alexandru-Cristian Toader, Bogdan – Gabriel Staicu, Angela Dorogan	DOI: 10.35530/IT.073.01.1846 Vol. 73, nr. 1, pg. 77-83 WOS:000776609300011	1,4
12.	Smart textiles for occupational safety health at oil stations and offshore platforms in the Black Sea	Industria Textila, ISSN 1222-5347	Jamal Khamis, Ioan Gaf-Deac, Ioan Petru Scutelnicu, Mihaela Jomir , Alexandra Gabriela Ene , Ionut Aron	DOI: 10.35530/IT.073.01.202150 Vol. 73, nr. 1, pg. 84-88 WOS:000776609300012	1,4
13.	Measuring the natural frequencies of knitted materials for protection against vibration	Industria Textila, ISSN 1222-5347	Mirela Blaga, Neculai Eugen Seghedin, Cristina Grosu	DOI: 10.35530/IT.073.01.202057 Vol. 73, nr. 1, pg. 89-95 WOS:000776609300013	1,4
14.	Textile structures for limiting the effects of maritime and fluvial disasters	Industria Textila, ISSN 1222-5347	Alexandra Gabriela Ene , Mihaela Jomir , Georgeta Popescu , Catalin Grosu	DOI: 10.35530/IT.073.01.202130 Vol. 73, nr. 1, pg. 96-102 WOS:000776609300014	1,4
15.	Indigenous intelligent materials for the textile field	Industria Textila, ISSN 1222-5347	Sabina Olaru , Mariana Bezdadea	DOI: 10.35530/IT.073.01.202058 Vol. 73, nr. 1, pg. 103-109 WOS:000776609300015	1,4
16.	Diabetic foot ulcers, a comprehensive approach – Review	Industria Textila, ISSN 1222-5347	Andreea Grous-Bularda, Razvan Nicolae Teodoreanu, Carmen Mihai , Flavia Francesca Lita, Florin Vlad Hodea, Ioan Lascar, Alexandru Chiotoroiu	DOI: 10.35530/IT.073.02.202215 Vol. 73, nr. 2/, pg. 213-221 WOS:000806411900015	1,4

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17.	Statistical analysis of yarn characteristics for multilayer fabric matrix meant for hemostasis and tissue regeneration	Industria Textila, ISSN 1222-5347	Alexandra Gabriela Ene, Razvan-Victor Scarlat, Marian Catalin Grosu, Radu-Gabriel Hertzog, Diana Mihaela Popescu	DOI: 10.35530/IT.073.03.202139 Vol. 73, nr. 3, pg. 288-294 WOS:000848102700009	1,4
18.	An overview on nanomaterials with magnetic properties used in the textile sector	Industria Textila, ISSN 1222-5347	Cristina Elena Stroe, Raluca Maria Aileni	DOI: 10.35530/IT.073.03.202176 Vol. 73, nr. 3, pg. 317-326 WOS:000848102700012	1,4
19.	Vegetable culture vs. climate change. Innovative solutions. Part 2. Research on the influence of shadow with different textile materials of Rubiniu onion plants (<i>Allium Cepa</i>)	Industria Textila, ISSN 1222-5347	Vasilica Manea, Floarea Burnichi, Dumitru-Mitel Toma, Emilian Mirea, Alexandru Toader, Bogdan Staicu, Angela Dorogan, Teodor Sarbu	DOI: 10.35530/IT.073.03.202021 Vol. 73, nr. 3, pg. 338-343 WOS:000848102700015	1,4
20.	Descriptive statistic for plane structures of the multilayer matrix for tissue haemostasis and regeneration	Industria Textila, ISSN 1222-5347	Alexandra Gabriela Ene, Carmen Mihai, Emilia Visileanu, Alina Florentina Vladu, Radu-Gabriel Hertog, Diana Popescu	DOI: 10.35530/IT.073.04.202059 Vol. 73, nr. 4, pg. 447-453 WOS:000880660000013	1,4
21.	The effect of calcium carbonate content and particle size on the mechanical and morphological properties of the PVC foamed layer used for coated textiles	Industria Textila, ISSN 1222-5347	Stambouli Mouna, Chaouch Walid, Gargoubi Sondes, Zouari Riadh, Emilia Visileanu , Msahli Slah	DOI: 10.35530/IT.073.05.202267 Vol. 73, nr. 5/2022, pg. 580-586 WOS:000886619900014	1,4
22.	Textile artefacts conservation using nanomaterials – Review	Industria Textila, ISSN 1222-5347	Mihaela-Cristina Lite, Rodica Roxana Constantinescu, Elena-Cornelia Tanasescu, Ovidiu George Iordache , Nicoleta Badea	DOI: 10.35530/IT.073.06.202263 Vol. 73, nr. 6, pg. 607-613 WOS:000902061300003	1,4
23.	Therapeutic strategies for nerve injuries: current findings and future perspectives	Industria Textila, ISSN 1222-5347	Cristian Vladimir Vancea, Andreea Grosu-Bularda, Andrei Cretu, Florin-Vlad Hodea, Khalid Al-Falah, Alexandru Stoian, Alexandru Chiotoroiu, Cristian Sorin Hariga, Ioan Lascar, Razvan Nicolae Teodoreanu, Carmen Mihai	DOI: 10.35530/IT.073.06.2021115 Vol. 73, nr. 6, pg. 704-712 WOS:000902061300015	1,4
Anul 2023					
1.	Visible light-driven highly efficient self-cleaning coatings crafted on leather surface using double perovskite as the booster	Applied Surface Science, ISSN 0169-4332	Qianqian Fan, Lu Wen, Rong Dong, Xueyun Hu, Jianzhong Ma, Wenbo Zhang, Xingyao Li, Carmen Gaidau	DOI: 10.1016/j.apsusc.2023.158108 Volume 638, 30 November 2023, Available online 25 July 2023 WOS:001046974800001	6,3
2.	Conversion of Animal-Derived Protein By-Products into a New Dual-Layer Nanofiber Biomaterial by Electrospinning Process	Fibers, ISSN 2079-6439	Carmen Gaidau , Maria Rapa, Laura Mihaela Stefan, Ecaterina Matei, Andrei Constantin Berbecaru, Cristian Predescu, Liliana Mititelu-Tartau	DOI: 10.3390/fib11100087 Vol. 11, nr. 10, 87 WOS:001093537800001	4,0
3.	Novel Nanocomposite Hydrogels Based on Crosslinked Microbial Polysaccharide as Potential Bioactive Wound Dressings	Materials, ISSN 1996-1944	Maria Minodora Marin, Madalina Albu Kaya , Durmus Alpaslan Kaya, Roxana Constantinescu , Bogdan Trica, Ioana Catalina Gifu, Elvira Alexandrescu, Cristina Lavinia Nistor, Rebeca Leu Alexa, Raluca Ianchis	DOI: 10.3390/ma16030982 Vol. 16, 982 WOS:000930228300001	3,1

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4.	Polymeric Biocomposite Based on Thermoplastic Polyurethane (TPU) and Protein and Elastomeric Waste Mixture	Materials, ISSN 1996-1944	Mihaela Nituica, Ovidiu Oprea, Maria Daniela Stelescu, Maria Sonmez, Mihai Georgescu, Laurentia Alexandrescu, Ludmila Motelica	DOI: 10.3390/ma16155279 Vol. 16, nr. 15, 5279 WOS:001046307800001	3,1
5.	Antioxidant and Antimicrobial Properties of Hydrolysed Collagen Nanofibers Loaded with Ginger Essential Oil	Materials, ISSN 1996-1944	Mariana Daniela Berechet, Carmen Gaidau, Aleksandra Nesic, Rodica Roxana Constantinescu, Demetra Simion, Olga Niculescu, Maria Daniela Stelescu, Irina Sandulache, Maria Rapa	DOI: 10.3390/ma16041438 Vol. 16, nr. 4, 1438 WOS:000941551400001	3,1
6.	Phytochemical Synthesis of Silver Nanoparticles and Their Antimicrobial Investigation on Cotton and Wool Textiles	Materials, ISSN 1996-1944	Mihaela-Cristina Lite, Rodica Roxana Constantinescu, Elena Cornelia Tanasescu, Andrei Cristian Kuncser, Cosmin Romanitan, Dan Eduard Mihaiescu, Ioana Lacatusu, Nicoleta Badea	DOI: 10.3390/ma16113924 Special Issue "Advances in Antimicrobial Strategies Based on Nanoparticles", Vol. 16, 3924 WOS:001005160700001	3,1
7.	Degradation by Electron Beam Irradiation of Some Elastomeric Composites Sulphur Vulcanized	Materials, ISSN 1996-1944	Elena Manaila, Gabriela Craciun, Ion Bogdan Lungu, Marius Daniel Dumitru Grivei, Maria Daniela Stelescu	DOI: 10.3390/ma16062152 Vol. 16, 2152 WOS:000967792400001	3,1
Anul 2024					
1.	Edible Gelatin and Cosmetic Activated Carbon Powder as Biodegradable and Replaceable Materials in the Production of Supercapacitors	Batteries, ISSN 2313-0105	Rodica-Cristina Negroiu, Cristina-Ioana Marghescu, Irina-Bristena Bacis, Madalina-Irina Burcea, Andrei Drumea, Laurentiu Dinca, Ion Razvan Radulescu	DOI: 10.3390/batteries10070237 Vol. 10, 237 WOS:001276770400001	4,6
2.	Optimization of MgCl ₂ -Assisted Neutral Protease System for Sustainable Beamhouse Processing	Biochemical Engineering Journal, ISSN 1369-703X	Mingrui Zhang, Chao Tang, Jie Liu, Shufa Qin, Madalina Georgiana Albu Kaya, Keyong Tang	DOI: 10.1016/j.bej.2024.109331 Vol. 207, July 2024, 109331 WOS:001233425800001	3,7
3.	A Novel Identification Method for Collagen-based Cultural Heritage: Integrating Thermokinetics and Generalized Master Plots	Journal of Cultural Heritage, ISSN 1778-3674	Mingrui Zhang, Zonghui Zhang, Fang Wang, Jie Liu, Yong Lei, Madalina Georgiana Albu Kaya	DOI: 10.1016/j.culher.2024.03.006 Vol. 67, May–June 2024, p. 226-236 WOS:001218819500001	3,5
4.	Influences of High Temperature and Humidity on Vegetable-tanned Leather	Journal of Cultural Heritage, ISSN 1778-3674	Qijue Chen, Chaoya Ren Yumeng Wang, Yong Lei, Madalina Georgiana Albu-Kaya	DOI: 10.1016/j.culher.2024.07.001 Vol. 68, July–August 2024, Pages 375-387 WOS:001281459900001	3,5
5.	Green synthesis of silver-titanium dioxide nanoparticles using chestnut extract for the preservation of leather artifacts	Journal of Cultural Heritage, ISSN 1778-3674	Jia Fan, Mingrui Zhang, Jie Liu, Yong Lei, Madalina Georgiana Albu Kaya, Keyong Tang	DOI: 10.1016/j.culher.2024.08.002 Vol. 69, September–October 2024, Pages 86-93 WOS:001298220700001	3,5

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6.	Conversion of limonene to limonene diol over activated carbon supported Ti catalyst	Biomass Conversion and Biorefinery, ISSN 2190-6815	Marin Maria Minodora , Biru Iuliana Elena, Stavarache Cristina Elena, Avramescu Sorin Marius, Vasilievici Gabriel, Marinoiu Adriana, Dumitru Marius, Devred Francois, Gaigneaux Eric M., Verziu Marian Nicolae	DOI: 10.1007/s13399-024-05966-8 WOS:001278180100001	3,5
7.	Formulation and Characterization of Niacinamide and Collagen Emulsion and Its Investigation as a Potential Cosmeceutical Product	Cosmetics, ISSN 2079-9284	Elena Danila , Durmus Alpaslan Kaya, Valentina Anuta, Lacramioara Popa, Alina Elena Coman, Rodica Roxana Constantinescu , Cristina Dinu-Pirvu, Madalina Georgiana Albu Kaya , Mihaela Violeta Ghica	DOI: 10.3390/cosmetics11020040 Vol. 11 (2), 40 WOS:001210151700001	3,4
8.	Novel Collagen Membranes Formulation: Irinotecan and Minocycline for potential application in Brain Cancer	Materials, ISSN 1996-1944	Andreea-Anamaria Idu, Madalina Georgiana Albu Kaya , Ileana Rau, Nicoleta Radu, Cristina-Elena Dinu-Pirvu, Mihaela Violeta Ghica	DOI: 10.3390/ma17143510 Vol. 17(14), 3510 WOS:001277334500001	3,1
9.	Novel Collagen-Based Emulsions Embedded with Palmarosa Essential Oil, and Chamomile and Calendula Tinctures, for Skin-Friendly Textile Materials	Materials, ISSN 1996-1944	Laura Chirila, Miruna Stan, Sabina Olaru, Alina Popescu, Mihaela-Cristina Lite, Doina Toma , Ionela Voinea	DOI: 10.3390/ma17153867 Vol. 17, no. 15, Article Number 3867, 2A24 WOS:001287029200001	3,1
10.	Obtaining and Characterizing New Types of Materials Based on Low-Density Polyethylene and Thermoplastic Starch	Journal of Composites Science, ISSN 2504-477X	Maria Daniela Stelescu , Ovidiu-Cristian Oprea, Ludmila Motelica, Anton Ficai, Roxana-Doina Trusca, Maria Sonmez, Mihaela Nituica, Mihai Georgescu	DOI: 10.3390/jcs8040134 Vol. 26 8(4), 134 WOS:001209919000001	3,0
11.	A Comprehensive Evaluation of a Historical Leather Armor from Yanghai Cemetery, Turpan	Heritage Science, ISSN 2050-7445	Mingrui Zhang, Jia Fan, Jie Liu, Yuzhen Chen, Ying Lu, Yong Lei, Madalina Georgiana Albu Kaya , Keyong Tang	DOI: 10.1186/s40494-024-01275-5 Vol. 12 (1), article 162 WOS:001229276000001	2,6
12.	Changes in collagen matrix of raw hide induced by gamma irradiation	Radiation Physics and Chemistry, ISSN 0969-806X	Maria Stanca, Elena Badea, Carmen Gaidau , G.E. Ionita, N. Proietti, B. Lungu, T. Zaharescu, Ilaria Quaratesi	DOI: 10.1016/j.radphyschem.2024.112394 16 November 2024, 112394 WOS:001369291100001	2,4

ARTICOLE PUBLISHATE IN REVISTE INDEXATE WoS – Q3

Nr. Crt.	Articol	Revista	Autori	Identificator articol/WOS	Factor de impact
0	1	2	3	4	5
Anul 2021					
1.	Valorization of Cyprinus Carpio skin for biocompatible collagen hydrolysates with potential application in foods, cosmetics and pharmaceuticals	Waste and Biomass Valorization, ISSN 1877-2641	Elena Danila, Raluca Stan, Madalina Albu Kaya , Georgeta Voicu, Maria Minodora Marin , Alina Morosan, Irina Titorencu, Raluca Tutuianu	DOI: 10.1007/s12649-021-01569-w Vol. 13, nr. 9 WOS:000692433500002	3,449
2.	Research for the conservation of cultural heritage in the context of the circular economy	Industria Textila, ISSN 1222-5347	Dorina Ilies, Mihaela Cristina Lite , Liliana Indrie, Florin Marcu, Calin Mos, Madalina Ropa, Bogdan Sturzu, Monica Costea, Adina Victoria Albu, Paul Szabo-Alexi, Alphonse Sambou, Grigore Herman, Tudor Caciara, Nicolaie Hodor	DOI: 10.35530/IT.072.01.1807 Vol. 72, nr. 1, pg. 50-54 WOS:000627567800006	0,828
3.	Clothing development process towards a circular model	Industria Textila, ISSN 1222-5347	Manuela Avadanei, Sabina Olaru , Irina Ionescu, Adela Florea, Antonela Curteza, Emil Loghin, Ionut Dulgheriu, Doru Radu	DOI: 10.35530/IT.072.01.1563B Vol. 72, nr. 1, pg. 89-96 WOS:000627567800012	0,828
4.	Assessing the presence of pesticides in modern and contemporary textile artifacts using advanced analysis techniques	Industria Textila, ISSN 1222-5347	Elena-Cornelia Mitran , Irina-Mariana Sandulache , Lucia-Oana Secareanu , Mihaela Cristina Lite , Ovidiu George Iordache , Elena Perdum , Gabriel-Lucian Radu	DOI: 10.35530/IT.072.02.1828 Vol. 72, nr. 2, 138-143 WOS:000654100600004	0,828
5.	Statistical analysis of the 3D electroconductive composites based on copper and graphene	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni , Doina Toma , Laura Chiriac	DOI: 10.35530/IT.072.02.20207 Vol. 72, nr. 2, pg.149-155 WOS:000654100600006	0,828
6.	Effect of plasma grafting with Hexamethyldisiloxane on comfort and flame resistance of cotton fabric	Industria Textila, ISSN 1222-5347	Riadh Zouri, Sondes Gargoubi, Emilia Visileanu	DOI: 10.35530/IT.072.02.1842 Vol. 72, nr. 2, pg. 225-230 WOS:000654100600015	0,828
7.	Study on soil burial biodegradation behaviour on polylactic acid nonwoven material as a replacement for petroleum agricultural plastics	Industria Textila, ISSN 1222-5347	Cristina Elena Stroe , Teodor Sarbu , Vasilica Manea, Floarea Burnichi, Dumitru Mitel Toma, Catalina Tudora	DOI: 10.35530/IT.072.04.1847 Vol. 72, nr. 4, pg. 434-442 WOS:000694801900011	0,828
8.	Design of a small-scale UAV textile wing fluid-structure numerical modelling	Industria Textila, ISSN 1222-5347	Adrian Salistean , Doina Toma , Ionela Badea , Mihaela Jomir	DOI: 10.35530/IT.072.04.1844 Vol. 72, nr. 4, pg. 449-453 WOS:000694801900013	0,828
9.	A new perspective in e-learning training toolkit development for advanced textile research centres in Morocco and Jordan	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni , Razvan Ion Radulescu , Laura Chiriac	DOI: 10.35530/IT. 072.05.1849 Vol. 72, nr. 5, pg. 569-578 WOS:000722641300014	0,828

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10.	Design and development of experimental models for textile structures integrated in wound dressings applied in curative therapy of Inflammatory skin diseases, using specific instruments of descriptive statistics	Industria Textila, ISSN 1222-5347	Carmen Mihai, Cristina Grosu, Laura Chirila, Sabina Olaru, Alina Popescu	DOI: 10.35530/IT.072.05.1848 Vol. 72, nr. 5, pg. 579-584 WOS:000722641300015	0,828
11.	Deep insight on the behavior of short fibres within a composite under uniaxial tensile	Industria Textila, ISSN 1222-5347	Riadh Zouahri, Emilia Visileanu	DOI: 10.35530/IT.072.06.1850 Vol. 72, nr. 6, pg. 659-665 WOS:000740832900012	0,828
12.	Accidentally ingested textile foreign bodies, a cause of gastrointestinal obstruction in dogs and cats – a retrospective study	Industria Textila, ISSN 1222-5347	Niculae Tudor, Bogdan Alexandru Vitalaru, Vlad Traian Lupu, Mario Darius Codreanu, Carmen Mihai	DOI: 10.35530/IT.072.06.1851 Vol. 72, nr. 6, pg. 680-684 WOS:000740832900015	0,828
Anul 2022					
1.	Valorization of Cyprinus Carpio skin for biocompatible collagen hydrolysates with potential application in foods, cosmetics and pharmaceuticals	Waste and Biomass Valorization, ISSN 1877-2641	Elena Danila, Raluca Stan, Madalina Albu Kaya , Georgeta Voicu, Maria Minodora Marin , Alina Morosan, Irina Titorencu, Raluca Tutuianu	DOI: 10.1007/s12649-021-01569-w Vol. 13, nr. 2, pg. 917–928 WOS:000692433500002	3,2
2.	Polymeric compounds based on thermoplastic elastomer styrene-butadiene-styrene block copolymers and siliconic rubber powder	Progress in Rubber Plastics Recycling Technology, ISSN 1477-7606	Maria Daniela Stelescu, Maria Sonmez, Mihaela Nituica, Laurentia Alexandrescu, Mihai Georgescu	DOI: 10.1177/14777606221127373 Vol.34, nr.4 WOS:000855512300001	2,6
Anul 2023					
1.	Protective clothing for interventions in emergency situations	Industria Textila, ISSN 1222-5347	Doina Toma, Georgeta Popescu, Alina Popescu, Sabina Olaru, Adrian Salistean, Ionela Badea	DOI: 10.35530/IT.074.01.1839 Vol. 74, nr. 1, pg. 121-129 WOS:000940525500015	1,0
2.	The design of experiments in the field of technical textiles as an educational module	Industria Textila, ISSN 1222-5347	Marian Catalin Grosu, Ion Razvan Radulescu, Emilia Visileanu, Razvan Scarlat	DOI: 10.35530/IT.073.05.202267 Vol. 74, nr. 2, pg. 217-222 WOS:000985937000011	1,0
3.	Textile structures for the treatment of burn wounds - characterization of elastic and antibacterial properties	Industria Textila, ISSN 1222-5347	Emilia Visileanu, Alexandra Ene, Carmen Mihai, Alina Vladu	DOI: 10.35530/IT.074.02.2022108 Vol. 74, nr. 2, pg. 246-255 WOS:000985937000015	1,0
4.	Evaluation of copper electrodes for biomedical monitoring systems	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Cristina Stroe, Iuksel Rasit	DOI: 10.35530/IT.074.03.202298 Vol.74, nr. 3, pg. 273-277 WOS:001024208000003	1,0

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5.	Antimicrobial treatment for textiles based on flavonoid-mediated silver nanoparticles dispersions	Industria Textila, ISSN 1222-5347	Mihaela-Cristina Lite, Rodica Roxana Constantinescu, Nicoleta Badea, Elena-Cornelia Tanasescu, Irina Sandulache, Ovidiu George Iordache	DOI: 10.35530/IT.074.03.202333 Vol. 74, nr. 3, pg. 371-377 WOS:001024208000015	1,0
6.	Recovery system-based textile actuators	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Doina Toma, Cristina Stroe, Teodor Sarbu	DOI: 10.35530/IT.074.04.2022100 Vol. 74, nr. 4, pg. 397-402 WOS:001059958800003	1,0
7.	Developed woven structures for denim materials	Industria Textila, ISSN 1222-5347	Angela Dorogan, Cristina Elena Stroe, Teodor Sarbu, Cristian Neagu	DOI: 10.35530/IT.074.04.202231 Vol. 74, nr. 4, pg. 433-438 WOS:001059958800008	1,0
8.	Benefits of platelet rich plasma (PRP) treatment on skin autografts and allografts in a burned patient	Industria Textila, ISSN 1222-5347	Mircea Bogdan Maciuceanu-Zarnescu, Andreea Grosu-Bularda, Andrei Cretu, Alexandru Laurentiu Chiotoroiu, Ioan Lacar, Carmen Mihai	DOI: 10.35530/IT.074.04.2021114 Vol. 74, nr. 4, pg. 470-478 WOS:001059958800013	1,0
9.	Statistical analysis of textile structures based on conductive yarns	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Angela Dorogan, Teodor Sarbu, Cristina Stroe, Cristina Lite	DOI: 10.35530/IT.074.05.2022125 Vol. 74, nr. 5, pg. 513-518 WOS:001108635700008	1,0
10.	Promoting educational materials in digital fashion	Industria Textila, ISSN 1222-5347	Ion Razvan Radulescu, Marian Catalin Grosu, Sabina Olaru, Scarlat Razvan, Irina Ionescu, Emilia Visileanu, Andreja Rudolf	DOI: 10.35530/IT.074.05.2022133 Vol. 74, nr. 5, pg. 572-578 WOS:001108635700016	1,0
11.	Research on thermal comfort and moisture management properties of drapery fabrics produced with polyester yarns having different fibre cross sectional shape and TiO2 amount	Industria Textila, ISSN 1222-5347	Sinem Yelkovan, Erhan Kenan Ceven, Gizem Karakan Gunaydin, Laura Chirila	DOI: 10.35530/IT.074.06.202327 Vol. 74, nr. 6, pg. 640-652 WOS:001133084000008	1,0
12.	Evaluation of comfort properties of functional knitted fabrics for people with special needs	Industria Textila, ISSN 1222-5347	Doina Toma, Alina Popescu, Claudia Niculescu, Cristina Lite, Minela Neneciu, Sara Wechsler, Ionut Daniel Ion, Mirela Greti Puiu, Crina Raican	DOI: 10.35530/IT.074.06.2022153 Vol. 74, nr. 6, pg. 753-759 WOS:001133084000002	1,0
Anul 2024					
1.	Experimental design using the Taguchi method for the development of conductive textiles used in flexible thermoelectric generators	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Cristina Stroe	DOI: 10.35530/IT.075.01.202360 Vol. 75 (1), p. 43-48 WOS:001178689700005	1,0
2.	Textile material-based grid structure for EM attenuation	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Doina Toma	DOI: 10.35530/IT.075.01.202360 Vol. 75 (1), p. 93-96 WOS:001178689700006	1,0
3.	Geometric developments in functional clothing	Industria Textila, ISSN 1222-5347	Manuela Avadanei, Malina Rosca, Ana-Diana Vatra, Laura Chirila	DOI: 10.35530/IT.075.01.202215410.35530/IT.075.01.2022142, Vol. 75 (1), p. 111-117 WOS:001178689700012	1,0

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4.	Factorial experimental design based on multiple factors for sensors and actuators development	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Cristina Stroe	DOI: 10.35530/IT.075.02.202318 Vol. 75 (2), p. 142-149 WOS:001222802900004	1,0
5.	Development of antimicrobial hydrogels for burn wound treatment	Industria Textila, ISSN 1222-5347	Laura Chirila, Alina Popescu, Madalina Ignat, Manuela Avadanei, Cristina Mihaela Lite	DOI: 10.35530/IT.075.02.2021113 Vol. 75 (2), p. 194-202 WOS:001222802900011	1,0
6.	ANOVA and Tukey's interpretation of the innovative FPSE method applied to museum textiles	Industria Textila, ISSN 1222-5347	Elena-Cornelia Tanasescu, Alexandra-Gabriela Ene, Elena Perdum, Ovidiu Iordache, Lucian Gabriel Radu	DOI: 10.35530/IT.075.02.20244 Vol. 75 (2), p. 226-236 WOS:001239263200001	1,0
7.	Application of negative wound pressure therapy to skin grafts after coverage of uncertain granular sites: a case series	Industria Textila, ISSN 1222-5347	Bogdan-Mircea Maciuceanu-Zarnescu, Mihai Pana, Alexandru Scafa-Udriste, Sabina Grama, Alexandra Gabriela Ene, Ana Chimirel, Alina Florentina Vladu, Alexandru Chiotoroiu	DOI: 10.35530/IT.075.03.202449 Vol. 75 (3), p. 381-386 WOS:001260062300014	1,0
8.	Multidimensional analysis of textiles coated with electroactive polymers for actuators	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Cristina Stroe	DOI: 10.35530/IT.075.05.202332 Vol. 75 (5), p. 550-555 WOS:001382290700001	1,0
9.	Data evaluation for identifying meaningful engineering characteristics of the flexible panels used for aerial module for pedological drought	Industria Textila, ISSN 1222-5347	Ovidiu Iordache, Bogdan Cazan, Elena Perdum, Alina Vladu, Marian Catalin Grosu, Laurentiu Dinca, Alexandra Ene	DOI: 10.35530/IT.075.05.2023141 Vol. 75 (5), p. 577-583 WOS:001363224200005	1,0
10.	Predictive analysis of electroconductive material parameters for system optimisation	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Cristina Stroe	DOI: 10.35530/IT.075.05.2022144 Vol. 75 (5), p. 652-657 WOS:001363224200012	1,0
11.	Novel Collagenous Sponge Composites for Osteochondral Regeneration in Rat Knee Models: A Comparative Study of Keratin, Hydroxyapatite, and Combined Treatments	Cureus, ISSN 2168-8184	Florin Popescu, Madalina Georgiana Albu Kaya, Florin Miculescu, Alina Elena Coman, Diana-Larisa Ancuta, Cristin Coman, Adrian Barbilian	DOI: 10.7759/cureus.73428 16(11), e73428	1,0

ARTICOLE PUBLISHATE IN REVISTE INDEXATE WoS – Q4

Nr. Crt.	Articol	Revista	Autori	Identificator articol/WOS	Factor de impact
0	1	2	3	4	5
Anul 2020					
1.	Spongiuous fillers based on collagen - hydroxyapatite - eugenol acetate with therapeutic potential in bone cancer	Farmacia, ISSN 2065-0019	Alina Vladu, Stefania Marin , Ionela A. Neacsu, Roxana D. Trusca, Madalina Albu Kaya , Durmus Kaya, Ana-Maria Popa, Catalina Poiana, Ioan Cristescu, Cristina Orlov, Denisa Ficai, Anton Ficai, Denisa I. Udeanu, Bruno Velescu, Taxiarchis Nikolouzakakis, Leonid Gurevich, Andrey Kuskov, Cornelia Nitipir	DOI: 10.31925/farmacia.2020.2.17 Vol. 68, nr. 2, pg. 313-321 WOS:000527105400017	1,433
2.	A comparison between Chinese finger trap and Roman sandals suture in peritoneal dialysis catheters for chronic kidney disease applied in veterinary medicine	Industria Textila, ISSN 1222-5347	Bogdan Alexandru Vitalaru, Madalin Ion Rusu, Carmen Mihai , Alexandru Chiotoroiu	DOI: 10.35530/IT.071.01.1722 Vol. 71, nr. 1, pg.8-11 WOS:000517999000002	0,784
3.	Field research and methodologies for textile industry innovation in the context of European economy	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Laura Chiriac, Lilioara Surdu, Razvan Ion Radulescu	DOI: 10.35530/IT.071.01.1623 Vol. 71, nr. 1, pg. 12-16 WOS:000517999000003	0,784
4.	Innovative concept for personalized pattern design of safety equipment	Industria Textila, ISSN 1222-5347	Sabina Olaru, Georgeta Popescu , Anca Anastasiu, Gabriel Mihaila, Adrian Salistean	DOI: 10.35530/IT.071.01.1620 Vol. 71, nr. 1, pg. 50-54 WOS:000517999000009	0,784
5.	Preliminary investigations of a textile fabric used as support for a sarcophagus from Astra Sibiu Museum	Industria Textila, ISSN 1222-5347	Irina-Mariana Sandulache, Elena-Cornelia Mitran, Lucia-Oana Secareanu, Ovidiu-George Iordache, Elena Perdum , Iulia Teodorescu, Andrea Bernath	DOI: 10.35530/IT.071.01.1622 Vol. 71, nr. 1, pg. 91-95 WOS:000517999000015	0,784
6.	Textile packaging - the connection between science and health	Industria Textila, ISSN 1222-5347	Eftalea Carpus, Angela Dorogan, Cristina Elena Stroe	DOI: 10.35530/IT.071.02.1636 Vol. 71, nr. 2, pg. 138-144 WOS:000535713300007	0,784
7.	Characterization of fabrics coated with doped TiO ₂ -graphene	Industria Textila, ISSN 1222-5347	Iuliana Dumitrescu, Ovidiu-George Iordache, Elena-Cornelia Mitran, Elena Perdum, Irina-Mariana Sandulache, Lucia-Oana Secareanu , Arcadii Sobetskii	DOI: 10.35530/IT.071.02.1625 Vol. 71, nr. 2, pg. 156-162 WOS:000535713300009	0,784
8.	Researches on the use of textile materials for protection against soil erosion	Industria Textila, ISSN 1222-5347	Bogdan-Iulian Doroftei, Mircea Degeratu, Georgeta Bandoc, Ovidiu-George Iordache , Ioana Corina Moga	DOI: 10.35530/IT.071.02.1627 Vol. 71, nr. 2, pg. 163-167 WOS:000535713300010	0,784

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9.	Functionalization of textile materials with bioactive polymeric systems based on propolis and cinnamon essential oil	Industria Textila, ISSN 1222-5347	Laura Chirila, Gabriela Cristina Constantinescu, Angela Danila, Alina Popescu, Roxana Rodica Constantinescu, Irina-Mariana Sandulache	DOI: 10.35530/IT.071.02.1793 Vol. 71, nr. 2, p. 186-192 WOS:000535713300014	0,784
10.	Attempts to improve the self-cleaning effect of the textile materials	Industria Textila, ISSN 1222-5347	Iuliana Dumitrescu, Ovidiu-George Iordache, Cornelia-Elena Mitran, Elena Perdum, Irina-Mariana Sandulache, Lucia-Oana Secareanu, Laurentiu Christian Dinca, Arcadii Sobetskii, Lucian Diamandescu	DOI: 10.35530/IT.071.03.1626 Vol. 71, nr. 3, pg. 252-258 WOS:000573641300010	0,784
11.	Validation method and proficiency test for the determination of free and hydrolyzed formaldehyde	Industria Textila, ISSN 1222-5347	Oana-Lucia Secareanu, Elena-Cornelia Mitran, Irina-Mariana Sandulache, Mihaela-Cristina Lite, Elena Perdum, Ovidiu George Iordache	DOI: 10.35530/IT.071.03.1423 Vol. 71, nr. 3, pg. 259-265 WOS:000573641300011	0,784
12.	Hybrid materials based on ZnO and SiO ₂ nanoparticles as hydrophobic coatings for textiles	Industria Textila, ISSN 1222-5347	Laura Chirila, Ludmila Cinteza Otilia, Maria Tanase, Diana Elena Radulescu, Denisa Maria, Radulescu, Ioana Rodica Stanculescu	DOI: 10.35530/IT.071.04.1814 Vol. 71, nr. 4, pg. 297-301 WOS:000574893800001	0,784
13.	Textile wing fabric for emergency response UAS	Industria Textila, ISSN 1222-5347	Adrian Salistean, Carmen Mihai	DOI: 10.35530/IT.071.04.1762 Vol. 71, nr. 4, pg. 321-326 WOS:000574893800004	0,784
14.	Multivariate regression analysis of the 3D composites with electroconductive properties for sensors	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Silvia Albici, Laura Chiriac, Irina-Mariana Sandulache	DOI: 10.35530/IT.071.04.1767 Vol. 71, nr. 4, pg. 334-339 WOS:000574893800006	0,784
15.	Conductive textile structures and their contribution to electromagnetic shielding effectiveness	Industria Textila, ISSN 1222-5347	Ion Razvan Radulescu, Lilioara Surdu, Bogdana Mitu, Cristian Morari, Marian Costea, Nicolae Golovanov	DOI: 10.35530/IT.071.05.1783 Vol. 71, nr. 5, pg. 432-437 WOS:000586533900004	0,784
16.	Multivariate analysis of the 3D composites based on nickel microparticles	Industria Textila, ISSN 1222-5347	Raluca Maria Aileni, Laura Chiriac, Silvia Albici, Liliana Raducu	DOI: 10.35530/IT.071.05.1772 Vol. 71, nr. 5, pg. 446-451 WOS:000586533900006	0,784
17.	Textile packaging waste in the context of implementing the concept of circular economy	Industria Textila, ISSN 1222-5347	Eftalea Carpus, Angela Dorogan, Cristina Elena Stroe	DOI: 10.35530/IT.071.05.1836 Vol. 71, nr. 5, pg. 499-503 WOS:000586533900014	0,784
18.	ICT new tools for a sustainable textile and clothing industry	Industria Textila, ISSN 1222-5347	Manuela Avadanei, Sabina Olaru, Irina Ionescu, Mariana Ursache, Luminita Ciobanu, Lidia Alexa, Alexandra Luca, Monica Olmos, Theofilos Aslanidis, Dana Belakova, César Silva	DOI: 10.35530/IT.071.05.1811 Vol. 71, nr. 5, pg. 504-512 WOS:000586533900015	0,784

0	1	2	3	4	5
19.	Updating the Clothing Technician Profile through synergies between industry and vocational and educational training	Industria Textila, ISSN 1222-5347	Alexandra Cardoso, Pedro Nero Guimarães, Ana Paula Dinis, Alexandros Koukovinis, Jorge Domenech-Pastor, Mihaela Dascalu, Almudena Segado, Sabina Olaru	DOI: 10.35530/IT.071.06.1838 Vol. 71, nr. 6/2020, pg. 587-595 WOS:000601007500013	0,784
20.	The importance of the peritoneal dialysis catheter material in order to perform optimum dialysis in veterinary medicine	Industria Textila, ISSN 1222-5347	Bogdan Alexandru Vitalaru, Razvan Scarlat	DOI: 10.35530/IT.071.06.1843 Vol. 71, nr. 6, pg. 596-599 WOS:000601007500014	0,784
21.	Microbial degradation of an industrial azo-dye and FT-IR analysis	Industria Textila, ISSN 1222-5347	Ovidiu Iordache , Ioana Corina Moga, Elena-Cornelia Mitran , Irina-Mariana Sandulache , Lucia-Oana Secareanu , Cristina Lite , Maria Memecica , Adrian Tanasa, Georgiana Pantazi	DOI: 10.35530/IT.071.06.1835 Vol. 71, nr. 6, pg. 600-604 WOS:000601007500015	0,784
22.	The effect of crosslinking agents on the properties of type II collagen biomaterials	Materiale Plastice, ISSN 0025-5289	Maria Minodora Marin , Madalina Georgiana Albu Kaya , George Mihail Vlasceanu, Jana Ghitman, Ionut Cristian Radu, Horia Iovu	DOI: 10.37358/MP.20.4.5416 Vol. 57, nr. 4, pg. 166-180 WOS:000617344900016	0,593
23.	UV light-shielding properties of TiO ₂ -based materials coated flax samples	Journal of Optoelectronics and Advanced Materials, ISSN 1454-4164	Laura Chirila , Dragos Viorel Cosma, Alexandra Urda, Alin-Sebastian Porav, Alexandru Turza, Daniel Timpu, Alice-Ortansa Mateescu	DOI: - Vol. 22, nr. 1-2, pg. 62-66 WOS:000530089000010	0,587
24.	The thermal and non-thermal effects of microwave in the chrome tanning process	Journal of the Society of Leather Technologists and Chemists (JSLTC), ISSN 0144-0322	Jinwei Zhang, Wuyong Chen, Carmen Gaidau	DOI: - Vol. 104, nr. 2, pg. 98-104 WOS:000525322200006	0,400
25.	Modern and contemporary textile museum collections: optimization method for pesticide analysis	Scientific Bulletin Series B Chemistry and Materials Science, ISBN 1454-2331	Cornelia Mitran , Irina Sandulache , Lucia-Oana Secareanu , Mihaela Cristina Lite , Ovidiu George Iordache , Elena Perdum , Gabriel-Lucian Radu	DOI: - Vol. 82, nr. 3, pg. 191 WOS:000610098500016	Indexat WoS, fara factor de impact
Anul 2021					
1.	Textile Museum Collections. SIM Method Validation for the Assessment of Pesticides	Materiale Plastice, ISSN 0025-5289	Elena-Cornelia Mitran , Irina-Mariana Sandulache , Cristina-Mihaela Lite , Lucian Gabriel Radu	DOI: 10.37358/MP.21.3.5498 Vol. 58, nr. 3, pg. 1-10 WOS:000756836700001	0,782
2.	Extraction and studies on the properties of type II collagen as potential biomaterial in cartilage repair	UPB Scientific Bulletin, Series B, ISSN 1454-2331	Maria Minodora Marin , Madalina Georgiana Albu-Kaya , Rodica Roxana Constantinescu , Ciprian Chelaru , Jana Ghitman, Horia Iovu	DOI: - Vol. 83, nr. 1, pg. 229-238 WOS:000627764100021	Indexat WoS, fara factor de impact

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Anul 2022					
1.	The influence of soil environment on the degradation of archaeological leather	Archaeometry, ISSN online 1475-4754, ISSN 0003-813X	Gabriela Vyskocilova, Radka Kopecka, David Pavlinak, Monika Laichmanova, Ivo Sedlacek, Alois Orlita, Jiri Prihoda, Lucretia Miu	DOI: 1 0.1111/arc.12717 Vol. 64, nr. 2, pg. 483-499 WOS:000708263200001	1,6
2.	Structure and properties of blends based on vulcanized rubber waste and styrene-butadiene-styrene thermoplastic elastomer	Journal of Rubber Research, ISSN 1511-1768	Maria Daniela Stelescu, Maria Sonmez, Laurentia Alexandrescu, Mihaela Nituica, Dana Florentina Gurau, Mihai Georgescu	DOI: 10.1007/s42464-022-00187-y Vol. 25, nr. 5, pg. 421-434 WOS:000885412500001	1,3
3.	Silver nanoparticles based on caffeic acid applied for textiles preservation	UPB - Scientific Bulletin Series B ISSN (print) 1454-2331 / (online) 2286-3680	Mihaela-Cristina Lite, Irina-Mariana Sandulache, Elena-Cornelia Tanasescu, Roxana Constantinescu , Camelia Ungureanu, Nicoleta Badea	DOI: 10.1007/s13399-021-02256-5 Vol. 85, nr. 2, pg. 45-56 WOS:001015437100004	0,5
Anul 2023					
1.	Study on the pyrolysis kinetic behaviour of different vegetable-tanned sheepskin leathers	Journal of the American Leather Chemists Association, ISSN 0002-9726	Madalina Georgiana Albu Kaya , Chaoya Ren, Yadi Hu, Jie Lin, Fang Wang, Yong Lei, Keyong Tang	DOI: 10.34314/jalca.v118i8 Vol. 118, nr. 8, pg. 315-326 WOS:001041216400001	0,6
2.	Fungal Deterioration on Ancient Leather Artifacts	Journal of the American Leather Chemists Association, ISSN 0002-9726	Zonghuan Ba, Mingrui Zhang, Yulong Chen, Yizhe Cao, Zhuofan Hu, Madalina Georgiana Albu Kaya , Keyong Tang	DOI: 10.34314/jalca.v118i12.8261 Vol. 118, nr. 12, pg. 529-537 WOS:001117476400009	0,6
3.	Spray-Dried Oregano Oil and Lavender Oil Microcapsules for Antibacterial Sports and Leisurewear	AATCC Journal of Research, Sage Journals, ISSN 2330-5517	Gizem Cylan Turkoglu, Sinem Yaprak Karavana, Ayse Merih Sarıısık, Aysegul Cetmeli Bakadur, Burcin Utebay, Alina Popescu	DOI: 10.1177/24723444231175211 Vol. 10, nr. 1, art. nr. 7 WOS:001008356900001	0,6
4.	Silver nanoparticles based on caffeic acid applied for textiles preservation	UPB Scientific Bulletin Series B, ISSN 1454-2331	Mihaela-Cristina Lite, Irina-Mariana Sandulache, Elena Cornelia Tanasescu, Roxana Constantinescu , Camelia Ungureanu, Nicoleta Badea	DOI: - Vol. 85, nr. 2, pg. 45-56 WOS:001015437100004	0,3
5.	The influence of the formulation factors on the design and characterization of some collagen-based hydrogels with metronidazole	UPB Scientific Bulletin Series B, ISSN 1454-2331	Alice Gianina Simonca, Madalina Georgiana Albu Kaya , Ileana Rau, Maria Minodora Marin , Cristina-Elena Dinu-Pirvu, Alina Lupuliasa, Mihaela Violeta Ghica	DOI: - Vol. 85, nr. 3, p. 43-52 WOS:001052966300004	0,3
6.	Thermal stress analysis of dietary fats	Scientific Papers. Series D. Animal Science, ISSN 2285-5750	Maria-Luiza Mircea, Magdalena Mititelu, Elena Narcisa Pogurschi, Madalina Ignat	DOI: - Vol. LXVI, nr. 2, pg. 149-154 WOS:001133092700059	0,3
Anul 2024					
1.	Studies on the development of new sustainable materials based on recycled low-density polyethylene	Materiale Plastice, ISSN 0025-5289	Maria Daniela Stelescu, Mihai Georgescu, Dana Gurau , Ovidiu Oprea, Doina Constantinescu	DOI 10.37358/MP.24.3.5734 Vol. 61 (3) WOS:001339285800008	0.8

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2.	Elasto-Plastic Materials based on EPDM Rubber, LDPE, Plasticized Starch and OMMT	Materiale Plastice, ISSN 0025-5289	Maria Daniela Stelescu , Adriana Stefan, Maria Sonmez , Mihaela Nituica , Mihai Georgescu	DOI: 10.37358/MP.24.1.5709 Vol. 61 (1), p.131-140 WOS:001198444200002	0.6
3.	Collagen based sponges for veterinary applications	UPB Scientific Bulletin, Series B-Chemistry and Materials Science, ISSN 1454-2331	Cristian Ioan, Ileana Rau, Madalina Georgiana Albu-Kaya , Roxana Gabriela Zgarian, Gratiela Teodora Tihan, Cristina-Elena Dinu-Pirvu, Lacramioara Popa, Mihaela Violeta Ghica	DOI:- Vol. 86 (1), 2024, p. 135-144 WOS:001196525500007	0,3

ARTICOLE PUBLICATE IN REVISTE INDEXATE WoS – FARA FACTOR DE IMPACT

Nr. Crt.	Articol	Revista	Autori	Identificator articol/WOS	Factor de impact
0	1	2	3	4	5
Anul 2021					
1.	Antimicrobial Films based on Chitosan, Collagen, and ZnO for Skin Tissue Regeneration	Biointerface Research in Applied Chemistry, ISSN 2069-5837	Roxana Elena Tiplea, Georgiana-Madalina Lemnaru (Popa), Roxana Doina Trusca, Alina Holban, Madalina Georgiana Albu Kaya , Laura Denisa Dragu, Denisa Ficai, Anton Ficai, Coralia Bleotu	DOI: 10.33263/BRIAC114.1198511995 Vol. 11, nr. 4, pg. 11985-11995 WOS:000606325300065	N/A
Anul 2022					
1.	Multifunctional leather surfaces coated with nanocomposites through conventional and unconventional methods	International Conferences and Exhibition on Nanotechnologies, Organic Electronics and Nanomedicine (NANOTEXNOLOGY) Materials Today-Proceedings, ISSN 2214-7853	Cosmin-Andrei Alexe, Carmen Gaidau, Maria Stanca , A. Radu, M. Stroe, M. Baibarac, G. Mateescu, A. Mateescu, I.R. Stanculescu	DOI: 10.1016/j.matpr.2021.09.377 Vol. 54, Part 1, pg. 44-49 WOS:000783005600005	N/A
Anul 2023					
1.	Structure, extraction, processing and applications of collagen as an ideal component for biomaterials - A review	Collagen and Leather, ISSN 2731-6998	Qijue Chen, Ying Pei, Keyong Tang, Madalina Georgiana Albu-Kaya	DOI: 10.1186/s42825-023-001 Vol. 5, nr. 20 WOS:001284899300008	Indexat WoS, fara factor de impact

ARTICOLE PUBLICATE IN REVISTE INDEXATE SCOPUS & IEEE

Nr. Crt.	Articol	Revista	Autori	Identificator articol	Baza de date
0	1	2	3	4	5
Anul 2020					
1.	Research on the use of tanned leather fibres as aggregate in obtaining asphalt mixes	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Gabriel Zainescu, Rodica Roxana Constantinescu , Carmen Racnel	DOI: 10.24264/lfj.20.1.3 Vol. 20, nr. 1, pg. 29-36	SCOPUS
2.	Study on the creep behaviour of Nappa upper pig leather	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Keyong Tang, Weilin Li, Fang Wang, Jie Liu, Madalina Georgiana Albu	DOI: 10.24264/lfj.20.1.4 Vol. 20, nr. 1, pg. 37-42	SCOPUS
3.	Production of multifunctional footwear for prison police officers	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mirela Pantazi-Bajenaru, Traian Foiasi, Dana Gurau	DOI: 10.24264/lfj.20.1.7 Vol. 20, nr. 1, pg. 59-64	SCOPUS
4.	Modification of waterborne PU finishing agent with hydroxyl silicone	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Keyong Tang, Weilin Li, Fang Wang, Jie Liu, Madalina Georgiana Albu	DOI: 10.24264/lfj.20.1.9 Vol. 20, nr. 1, pg. 73-82	SCOPUS
5.	Antifungal Activity of Leather Treated with Anethum graveolens and Melaleuca alternifolia Essential Oils against Trichophyton interdigitale	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Daniela Berechet, Corina Chirila, Demetra Simion, Olga Niculescu, Maria Stanca, Cosmin Alexe, Ciprian Chelaru , Maria Rapa, Dana Gurau	DOI: 10.24264/lfj.20.2.4 Vol. 20, nr. 2, pg. 133-144	SCOPUS
6.	Antibacterial Compound Based on Silicone Rubber and ZnO and TiO ₂ Nanoparticles for the Food and Pharmaceutic Industries. Part I – Obtaining and Characterisation	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela Nituica, Maria Sonmez, Mihai Georgescu, Daniela Stelescu, Dana Gurau, Laurentia Alexandrescu , Carmen Curutiu, Lia Maria Ditu	DOI: 10.24264/lfj.20.2.8 Vol. 20, nr. 2, pg. 173-182	SCOPUS
7.	Characterization of new and artificially aged parchments	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Lucretia Miu, Elena Badea, Claudiu Sendrea	DOI: 10.24264/lfj.20.2.10 Vol. 20, nr. 2, pg. 197-204	SCOPUS
8.	Antibacterial compound based on silicone rubber and ZnO and TiO ₂ nanoparticles for the food and pharmaceutic industries. Part II - biological and morphological characterization	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela Nituica, Maria Sonmez, Mihai Georgescu, Maria Daniela Stelescu, Laurentia Alexandrescu, Dana Gurau , Carmen Curutiu, Lia Ditu	DOI: 10.24264/lfj.20.3.3 Vol. 20, nr. 3, pg. 237-244	SCOPUS
9.	Keratin hydrolysate extracted from sheep wool with potential use as organic fertilizer	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mariana Daniela Berechet, Demetra Simion, Maria Stanca, Cosmin-Andrei Alexe, Ciprian Chelaru , Maria Rapa	DOI: 10.24264/lfj.20.3.5 Vol. 20, nr. 3, pg. 267-276	SCOPUS
10.	The behaviour of sheep leather parchment to artificial ageing	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Lucretia Miu, Elena Badea, Claudiu Sendrea, Maria Micu, Simona Maria Paunescu, Iulia Maria Caniola	DOI: 10.24264/lfj.20.3.9 Vol. 20, nr. 3, pg. 313-322	SCOPUS

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11.	Biodegradable polymeric composite based on recycled polyurethane and rubber wastes: material for green shoe manufacturing	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Laurentia Alexandrescu, Mihai Georgescu, Maria Sonmez, Mihaela Nituica	DOI: 10.24264/lfj.20.3.10 Vol. 20, nr. 3, pg. 323-331	SCOPUS
12.	Influence of microwave on chromium complex composition in tanning liquor	Journal of Leather Science and Engineering, ISSN 2524-7859	Jinwei Zhang, Wuyong Chen, Carmen Gaidau	DOI: 10.1186/s42825-020-00024-1 Vol. 2, nr. 10	SCOPUS
13.	Aluminum tanning of hide powder and skin pieces under microwave irradiation	Journal of Leather Science and Engineering, ISSN 2524-7859	Yue Liu, Bin Song, Jinwei Zhang, Carmen Gaidau , Haibin Gu	DOI: 10.1186/s42825-020-00037-w Vol. 2, nr. 23	SCOPUS
Anul 2021					
1.	Life cycle assessment of processing for chrome tanned cowhide upper leather	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Heng Yang, Dexin An, Carmen Gaidau , Jinwei Zhang, Jin Zhou	DOI: 10.24264/lfj.21.2 Vol. 21, nr. 2, pg. 75-86	SCOPUS
2.	Evaluation of environmental effect of pump shoes in terms of manufacturing process	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Chi Zhang, Leiya Li, Carmen Gaidau , Jin Zhou	DOI: 10.24264/lfj.21.3.1 Vol. 21, nr. 3, pg. 137-144	SCOPUS
3.	Biodegradable polymer composite based on NBR rubber and protein waste	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela Nituica (Vilsan), Maria Sonmez, Mihai Georgescu, Maria Daniela Stelescu, Laurentia Alexandrescu, Dana Gurau	DOI: 10.24264/lfj.21.4.3 Vol. 21, nr. 4, pg. 229-236	SCOPUS
4.	Mechanical and tribological behaviour of PA6 and short aramid fiber composites	INCAS Bulletin, ISSN 2066-8201	George Catalin Cristea, Adriana Stefan, George Pelin, Cristina-Elisabeta Pelin, Maria Sonmez , Sorina Ilinca, Lorena Deleanu	DOI: 10.13111/2066-8201.2021.13.4.5 Vol. 13, nr. 4, pg. 47-58	SCOPUS
Anul 2022					
1.	Polymer composite based on NBR rubber compounded with rubber waste functionalized with potassium oleate	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela Nituica, Maria Daniela Stelescu, Maria Sonmez, Laurentia Alexandrescu, Mihai Georgescu, Dana Gurau, Mirela Pantazi-Bajenaru	DOI: 10.24264/lfj.22.1.5 Vol. 22, Nr. 1, pg. 45-52	SCOPUS
2.	Fur skin - a valuable material, considerations on quality assessment	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Carmen Gaidau , Elisavet Amanatidou, Stoica Tonea	DOI: 10.24264/lfj.22.2.5 Vol. 22, Nr. 2, pg. 119-130	SCOPUS
3.	Preliminary study on the adhesiveness properties of hide glue	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Lucretia Miu, Mihaela Niculescu	DOI: 10.24264/lfj.22.2.7 Vol. 22, Nr. 2, pg. 139-144	SCOPUS
4.	Enzymatic Biotechnology Applied to Pelt Waste	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Rodica Constantinescu, Mariana Ferdes, Madalina Ignat, Ciprian Chelaru, Ana Ciobanu, Denis Drusan	DOI: 10.24264/lfj.22.3.4 Vol. 22, Nr. 3, pg. 185-196	SCOPUS

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5.	Testing of Medical Sheep Fur with Antimicrobial Properties – Part 1	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Olga Niculescu, Rodica Roxana Constantinescu, Dana Gurau	DOI: 10.24264/lfj.22.3.6 Vol. 22, Nr. 3, pg. 209-216	SCOPUS
6.	Polymer composite based on natural rubber and functionalized rubber waste	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Laurentia Alexandrescu, Mihai Georgescu, Maria Sonmez, Mihaela Nituica, Maria Daniela Stelescu	DOI: 10.24264/lfj.22.3.5 Vol. 22, Nr. 3, pg. 197-208	SCOPUS
7.	Biodegradable polymeric composites based on butadiene-co-acrylonitrile rubber and functionalized post-consumer elastomer waste	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Laurentia Alexandrescu, Maria Sonmez, Mihaela Nituica, Maria Daniela Stelescu, Mihai Georgescu	DOI: 10.24264/lfj.22.3.8 Vol. 22, Nr. 3, pg. 223-235	SCOPUS
8.	Obtaining Bioemulsions Structured as “Networks” by Innovative Technologies	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Demetra Simion, Carmen Gaidau, Gabriela Paun, Maria Stanca, Daniela Berechet	DOI: 10.24264/lfj.22.3.2 Vol. 22, Nr. 3, pg. 169-174	SCOPUS
9.	Preparation of Elastin Membranes Based on Surfactants and Separation Mechanism	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Demetra Simion, Carmen Gaidau, Gabriela Paun	DOI: 10.24264/lfj.22.3.7 Vol. 22, Nr. 3, pg. 217-222	SCOPUS
10.	Testing of Medical Sheep Fur with Antimicrobial Properties – Part 2	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Olga Niculescu, Rodica Roxana Constantinescu, Dana Gurau	DOI: 10.24264/lfj.22.4.4 Vol. 22, Nr. 4, pg. 275-282	SCOPUS
11.	The Influence of Protein and Elastomer Waste Mixture on the NBR-based Elastomer Compound	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela Nituica (Vilsan), Maria Sonmez, Maria-Daniela Stelescu, Laurentia Alexandrescu, Mihai Georgescu, Dana Florentina Gurau, Elena Badea	DOI: 10.24264/lfj.22.4.2 Vol. 22, Nr. 4, pg. 257-266	SCOPUS
12.	Multi-analytical study of the archaeological leather discovered at Oratea	Revista Cercetari arheologice, ISSN 0255-6812	Cristina Carsote, Elena Badea , Eugen S. Teodor	DOI: 10.46535/ca.29.1.10 Nr. 29.1, pg.185-19	SCOPUS
13.	Experimentation in open sea of the composite structures for the sustainable development of aquatic ecosystems	Human Factors in Architecture, Sustainable Urban Planning and Infrastructure, ISBN 978-1-958651-34-6	Alexandra Gabriela Ene, Carmen Mihai, Mihaela Jomir	DOI: 10.54941/ahfe1002373 Vol. 58, pg. 362-369	SCOPUS
14.	Assessment of the mechanical behaviour of the maritime signaling systems based on textiles using descriptive statistics	Human Factors for Apparel and Textile Engineering, ISBN 978-1-958651-08-7	Carmen Mihai, Alexandra Gabriela Ene, Mihaela Jomir	DOI: 10.54941/ahfe1001557 Vol. 32, p 206-211	SCOPUS
15.	Functionalized multilayer structures for burns treatment	Human Aspects of Advanced Manufacturing, ISBN 978-1-958651-42-1	Emilia Visileanu, Alexandra Ene , Stelian Sergiu Maier, Diana Popescu, Alina Vladu	DOI: 10.54941/ahfe1002686 Vol. 66, pg. 40-48	SCOPUS

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16.	Pyrolysis kinetics of vegetable tanned leather by iso-conversional method and generalized principal diagram method	Journal of Leather Science and Engineering (Chinese Edition), ISSN 2524-7859	Mingrui Zhang, Yinfei Wang, Meng Wang, Fang Wang, Jie Liu, Madalina Georgiana Albu Kaya , Keyong Tang	DOI:1 0.19677/j.issn.1004-7964.2022.06.002 Vol. 32, nr. 6, pg. 6-12	SCOPUS
Anul 2023					
1.	Biodegradable polymer composite based on polyvinyl chloride and poly (ethylene-vinyl acetate) waste	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Laurentia Alexandrescu, Mihaela Nituica, Mihai Georgescu, Maria Sonmez, Daniela-Maria Stelescu, Dana Gurau	DOI: 10.24264/lfj.23.1.6 Vol. 23, nr. 1, pg. 55-64	SCOPUS
2.	Applications of Enzymes as Ecologic Alternatives in the Leather Industry	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Demetra Simion, Carmen Gaidau, Gabriela Paun, Daniela Berechet	DOI: 10.24264/lfj.23.2.4 Vol. 23, nr. 2, pg. 107-114	SCOPUS
3.	Studies Regarding the Cytotoxicity of Antimicrobial Gels Formulated with Natural Biopolymers	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mohammed Omar Mohammed, Nicoleta Radu, Rodica Constantinescu , Petruta Cornea, Magdalena Ursu, Narcisa Babeanu	DOI: 10.24264/lfj.23.2.5 Vol. 23, nr. 2, pg. 115-122	SCOPUS
4.	Keratin Hydrolyzate from Wool By-products Used in Different Technologies for Dyeing Bovine Leathers	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mariana Daniela Berechet, Carmen Gaidau, Demetra Simion, Claudiu Sendrea	DOI: 10.24264/lfj.23.3.1 Vol. 23, nr. 3, pg. 163-172	SCOPUS
5.	Influence of Atmospheric Conditions on the Polymer Composite Based on NBR Rubber and Functionalized Protein Waste	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela Nituica, Maria Sönmez, Daniela Stelescu, Mihai Georgescu, Bogdan Rusu, Andrei Dumitru, Vlad Barbulescu	DOI: 10.24264/lfj.23.3.3 Vol. 23, nr. 3, pg. 183-190	SCOPUS
6.	Personal Design, the New Fashion Trend with Applications of Innovative Technologies	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Traian Foiasi, Mirela Pantazi-Bajenaru	DOI: 10.24264/lfj.23.3.5 Vol. 23, nr. 3, pg. 199-208	SCOPUS
7.	Determination of the immersion resistance of polymeric biocomposites based on TPU (thermoplastic polyurethane) / recycled TPU/ protein and elastomeric waste mixture	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Nituica Mihaela, Stelescu Maria Daniela, Sonmez Maria, Georgescu Mihai, Alexandrescu Laurentia, Gurau Dana Florentina, Pantazi Mirela, Foiasi Traian	DOI: 10.24264/lfj.23.4.3 Vol. 23, nr. 4, pg. 247-256	SCOPUS
8.	Obtaining new bioemulsions based on lavender extract and surfactants	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Demetra Simion, Carmen Gaidau, Gabriela Paun, Daniela Berechet	DOI: 10.24264/lfj.23.4.4 Vol. 23, nr. 4, pg. 257-266	SCOPUS
9.	Innovative technologies for obtaining structured emulsions, based on sea buckthorn extract and tensides	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Demetra Simion, Carmen Gaidau, Gabriela Paun, Daniela Berechet	DOI: 10.24264/lfj.23.4.8 Vol. 23, nr. 4, pg. 303-320	SCOPUS
10.	Eureka Project BIO-PLANT-Protect as Model Knowledge Transfer Between Academic, Research and Industry	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela-Doina Niculescu , Brindusa Georgiana Dumitriu, Stelica Cristea, Lucretia Miu , Magdalena Lason-Rydel, Joanna Sobczyk, Cosmin Andrei Alexe	DOI: 10.24264/lfj.23.4.6 Vol. 23, nr. 4, pg. 279-286	SCOPUS

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11.	Local Raw Material Sources in the Color Palette of the Transylvanian Icon Painters. The Reproduction of Some Colored Earth Pigments of Local Provenience	Terra Sebus. Acta Musei Sabesiensis, ISSN 2066–9143	Dumitrita Daniela Filip, Cristina Carsote , Zizi Ileana Balta, Paul Scrobota, Elena Badea	DOI: - Vol. 15, pg. 335-361	SCOPUS
12.	Preparation and antimicrobial activity of fucoidan containing collagen/(ZnTiO3/SiO2) composites	Journal of Chemical Technology and Metallurgy, ISSN 1314-7471	Todorka G. Vladkova, Boris L. Martinov, Anna D. Staneva, Iliana At. Ivanova, Dilyana N. Gospodinova, Madalina Georgiana Albu-Kaya	DOI: 10.59957/jctm.v58i4.98 Vol.58, nr. 4, pg. 654-663	SCOPUS
13.	Structure, extraction, processing and Applications of collagen as an ideal component for biomaterials - A review	Collagen and Leather, ISSN 2731-6998	Qijue Chen, Ying Pei, Keyong Tang, Madalina Georgiana Albu-Kaya	DOI: 10.1186/s42825-023-00127-5 Vol. 5, nr. 20	SCOPUS
Anul 2024					
1.	Compositional Solutions and Assimilation of New Technical Elements with Applications of Design in Footwear Manufacturing	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mirela Pantazi-Bajenaru, Traian Foiasi, Dana Gurau	DOI: 10.24264/lfj.24.3.3 Vol. 24 (2024) 3, pg. 205-214	SCOPUS
2.	Testing and Assessing Functionality of Keratin Hydrolysate with Agricultural Application on Wheat Seeds	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mariana Daniela Berechet, Carmen Gaidau, Demetra Simion	DOI: 10.24264/lfj.24.1.4 Vol. 24 (1), pg. 43-50	SCOPUS
3.	Influence of Compatibilizer and Short Hemp Fibres on the Mechanical, Rheological and Morphological Properties of Recycled Polyethylene Terephthalate	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Maria Sonmez, Laurentia Alexandrescu, Mihai Georgescu, Dana Florentina Gurau, Maria Daniela Stelescu , Denisa Fikai, Anton Fikai, Roxana Trusca, Ioana Lavinia Ardelean, Doina Constantinescu, Cristina Elisabeta Pelin, George Pelin, Adriana Stefan	DOI: 10.24264/lfj.24.2.2 Vol. 24 (2024) 2, pp. 109-130	SCOPUS
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6.	Valorization of Collagen and Keratin By-Products from Leather Industry to Increase the Quality of Production from a Cherry Orchard	Revista de Pielarie Incaltaminte, ISSN 1583-4433	Mihaela-Doina Niculescu, Maria Stanca , Mirela Calinescu, Brindusa Georgiana Dumitriu, Stelica Cristea, Daniela Balan	DOI: 10.24264/lfj.24.3.2 Vol. 24 (2024) 3, pp. 197-204	SCOPUS
7.	Electromagnetic shielding fabrics with antimicrobial properties for healthcare	IEEE Xplore / Proceedings 2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME), ISSN 2642-7036	Ion-Razvan Radulescu, Marius-Alexandru-Cezar Lupescu, Elena Perdum, Laurentiu-Christian Dinca, Ovidiu Iordache, Bogdan Cazan, Raluca Maria Aileni	DOI: 10.1109/SIITME63973.2024.10814815 pg. 343 - 347	SCOPUS

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8.	The Development and Electrical and Morphological Characterization of some Electrodes on the Sponge Structure used in the Realization of Supercapacitors	IEEE Xplore / Proceedings 2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME), ISSN 2642-7036	Rodica Cristina Negroiu, Cristina Marghescu, Irina. Bristena Bacis, Laurentiu Dinca, Ion Razvan Radulescu	DOI: 10.1109/SIITME63973.2024.10814789 pg. 448 - 451	SCOPUS
9.	Flexible supercapacitors for energy supply in smart textiles – applications and prototype	IEEE Xplore / Proceedings 2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME), ISSN 2642-7036	Ion Razvan Radulescu, Elena Perdum, Cezar Lupescu, Laurentiu Dinca, Rodica Negroiu	DOI: 10.1109/SIITME63973.2024.10814885 pg. 494 - 499	SCOPUS