

**Antibacterial and antiviral effects of Ag, Cu and Zn metals, respective nanoparticles and filter materials thereof against coronavirus SARS-CoV-2 and influenza A virus**

Kubo, Anna-Liisa; Rausalu, Kai; Savest, Natalja; Žusinaite, Eva; **Vasiliev, Grigory; Viirsalu, Mihkel; Plamus, Tiia; Krumme, Andres**; Merits, Andres; Bondarenko, Olesja Pharmaceutics 2022 / art. 2549 : 19 p. : ill <https://doi.org/10.3390/pharmaceutics14122549>  
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**Application of HOHWM based function approximation algorithms in engineering design**

**Mäe, Tiina; Plamus, Tiia; Majak, Jüri; Karunanidhi, Ramachandran; Rahman, Md Toufiqur** International conference of numerical analysis and applied mathematics ICNAAM 2021 : Rhodes, Greece, 20–26 September 2021 2023 / art. 250003  
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**Design of performance characteristics on laser treated denim fabric**

**Mandre, Nele; Plamus, Tiia; Linder, Angelika; Varjas, Toivo; Majak, Jüri; Krumme, Andres** The materials science = Medžiagotyra 2023 / 10 p. : ill <https://doi.org/10.5755/j02.ms.33259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design of performance characteristics on laser treated denim fabric : [conference paper]**

**Mandre, Nele; Plamus, Tiia; Linder, Angelika; Varjas, Toivo; Majak, Jüri; Krumme, Andres** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 36 : ill [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Development of bio-based nonwoven materials from post-consumer textile waste**

**Rahman, Md Toufiqur**; Kaljus, Astri; **Plamus, Tiia** Baltic polymer symposium 2024 : book of abstracts 2024 / p. 65  
<https://doi.org/10.5755/e01.3030-1378.2024>

**Doktorikraad materjalitehnoloogia valdkonnas aitab lahendada tekstiilijäätmete probleemi**

**Plamus, Tiia** digi.geenius.ee 2024 [Doktorikraad materjalitehnoloogia valdkonnas aitab lahendada tekstiilijäätmete probleemi](#)

**Effect of fibre content, structural parameters, and laser fading on durability and aesthetic properties of multicomponent denim fabric = Kiulise koostise, struktuuri parameetrite ja laserkulutuse mõju mitmekomponentse teksakanga vastupidavusele ja esteetilistele omadustele**

**Mandre, Nele** 2023 <https://doi.org/10.23658/taltech.30/2023> <https://digikogu.taltech.ee/et/Item/c19f3da7-7f69-4fa9-ab59-057adf1fdd33>  
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**The effect of ionic liquids on the conductivity of electrospun polyacrylonitrile membranes**

**Savest, Natalja; Plamus, Tiia; Tarasova, Elvira; Viirsalu, Mihkel; Krasnou, Illia; Gudkova, Viktoria; Küppar, Kadi-Anne; Krumme, Andres** Journal of electrostatics 2016 / p. 63-68 : ill <https://doi.org/10.1016/j.elstat.2016.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The effect of ionic liquids on the mechanical properties of electrospun polyacrylonitrile membranes**

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**The effect of pressing parameters on the properties of nonwoven composites**

**Rahman, Md Arifur; Plamus, Tiia; Rahman, Md Toufiqur** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 70 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

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**Worth, Katre; Rahman, Md Toufiqur; Plamus, Tiia** Baltic Polymer Symposium 2024 : 22nd International Scientific Conference, September 17-19, 2024, Birštonas, Lithuania : Book of abstracts 2024 / p. 67 <https://doi.org/10.5755/e01.3030-1378.2024>

**Electrospun conductive mats from PANi-ionic liquid blends**

**Savest, Natalja; Plamus, Tiia; Kütt, Kertu; Kallavus, Urve; Viirsalu, Mihkel; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Krumme, Andres** Journal of electrostatics 2018 / p. 40-44 <https://doi.org/10.1016/j.elstat.2018.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Electrospun nanofibrous materials for energy storage and harvesting**

**Krasnou, Illia; Plamus, Tiia; Vassiljeva, Viktoria; Malmberg, Siret; Tarasova, Elvira; Krumme, Andres** Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 27 : ill [Molecularly imprinted](#)

### **Enne netist tellitud riiete kandmist tasub uurida nende värvi ja lõhna**

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### **Impact of 1-butyl-3-methylimidazolium chloride on the electrospinning of cellulose acetate nanofibers**

Javed, Kashif; Krumme, Andres; Krasnou, Illia; Mikli, Valdek; Viirsalu, Mihkel; Plamus, Tiia; Vassiljeva, Viktoria; Tarasova, Elvira; Savest, Natalja; Mendez, James D. Journal of macromolecular science, part A : pure and applied chemistry 2018 / p. 142-147 : ill <https://doi.org/10.1080/10601325.2017.1387861> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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### **A method for producing conductive graphene biopolymer nanofibrous fabrics by exploitation of an ionic liquid dispersant in electrospinning**

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### **One-step carbon nanotubes grafting with styrene-co-acrylonitrile by reactive melt blending for electrospinning of conductive reinforced composite membranes**

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**Teadlane arutleb: Kuivõrd riidest poekott on keskkonnasõbralik?**

Külaots, Helen kaubandus.ee 2023 [Teadlane arutleb: Kuivõrd riidest poekott on keskkonnasõbralik?](#)

**Tehnikaülikoolis toimub täna koolinoorte võistlus «Prügireseptid 2023»**

**Репортаж "АК" с конкурса школьников "Рецепты из мусора"**

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**Tekstiilitehnoloogia kaasprofessor Tiia Plamus**

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**The effect of ionic liquid on the properties of electrospun polyacrylonitrile membranes [Online resource]**

**Plamus, Tiia; Savest, Natalja; Krumme, Andres; Viirsalu, Mihkel** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmtdk.ut.ee/teesid/>

**The influence of conductive additives on the mechanical properties of electrospun mats = Juhtivate lisandite mõju elektrokedratud nanokiuliste lausmaterjalide mehaanilistele omadustele**

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**Valorization of mechanically recycled textile fibres into nonwoven materials with various compositions**

**Worth, Katre; Sõrra, Susanna; Plamus, Tiia** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 65 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

**Viru Keskuses lahati moetööstuse rohepöörde mõju eestlastele**

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**Доцент ТТУ: новую одежду перед ноской обязательно следует постирать**

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