

An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples

Aid, Tiina; Vaher, Merike 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 91 : ill http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Andres Krumme: plastimurest vabaks puidust toodetava bioplasti abil

director.ee 2022 [Andres Krumme: plastimurest vabaks puidust toodetava bioplasti abil](#)

A-tselluloosi lagunemine eritüübilistel niitudel

Peda, Jane TalveAkadeemia 2013 : [teaduslikud lühiartiklid]. Kogumik 11/2013 2013 / lk. 123-127 : ill

Biomajanduses oleme Skandinaaviast paarkümmend aastat maas [Võrguväljaanne]

Kelt, Toomas 2022 ["Biomajanduses oleme Skandinaaviast paarkümmend aastat maas"](#)

Biotoodete tootmine - samm Põhjamaade suunas

Vastutustundlik ettevõtlus 2022 / Lk. 9 [Biotoodete tootmine - samm Põhjamaade suunas](#)

Bleaching of sulfite pulp with hydrogen peroxide and sodium hydrosulfite

Reiska, Rein; Mihhailov, Valdek Tallinna Tehnikaülikooli Toimetised 1994 / lk. 120-126: ill

Carbon materials obtained from self-binding sugar cane bagasse and deciduous wood residues plastics

Zandersons, J.; Gravitis, J.; Zhurinsk, A.; Kokorevics, A.; Kallavus, Urve; Suzuki, C.K. Biomass and bioenergy 2004 / 4, p. 345-360 : ill https://www.fem.unicamp.br/~liqcqits/publications/paper_files/BiomBioe2004v26-4p345-360_Zandersons.pdf

Cellulose dissolution and transesterification in superbase ionic liquid [mTBNH][OAc] with green co-solvents = Tselluloosi lahustamine ja ümberesterdamine superaluselises ioonvedelikus [mTBNH][OAc] koos roheliste kaaslahustitega

Savale, Nutan Bharat 2025 https://www.ester.ee/record=b5734584*est <https://digikogu.taltech.ee/et/Item/85b4caf4-fab7-44a7-96a6-d7f5861795f6> <https://doi.org/10.23658/taltech.13/2025>

Cellulose esters : sythesis in ionic liquid and characterization

Tarasova, Elvira; Šumigin, Dmitri; Krumme, Andres; Viikna, Anti Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 66

Cellulose stearate in melt and plant oil suspension

Krasnou, Illia; Ferrer, Elena Martin; Krumme, Andres Annual Transactions of the Nordic Rheology Society. Vol. 22 2014 / p. 19-22 : ill

Cellulose-based granocel packings for preparative liquid chromatography

Liesiene, J.; Marushka, A.; Sherys, A.; Urbonaviciene, J.; Vaitkevicius, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 67

Composites of low-density polyethylene and poly(lactic acid) with cellulose and its derivatives = Madaltiheda polüetüleeni ja polü(piiimhappe) komposiidid tselluloosi ning selle derivaatidega

Šumigin, Dmitri 2014 https://www.ester.ee/record=b3078663*est

Controlled nanocrystalline precipitation of hydroxyapatite on the surface of microfibrillated cellulose fibers

Kärner, Kärt; Elomaa, Matti Antero; Kallavus, Urve; Tõnsuaadu, Kaia International journal of recent scientific research 2017 / p. 20803-20809 : ill <http://recentscientific.com/sites/default/files/8807-A-2017.pdf>

Determination of carbohydrates in cellulose and enzymatically pretreated wood fractions using capillary electrophoresis

Vaher, Merike; Helmja, Kati; Käsper, Andres; Kudrjašova, Marina; Gorbatošova, Jelena; Kaljurand, Mihkel Program and abstract book : Nordic Separation Science Society 6th Conference : Riga, Latvia, August 24th-27th, 2011 2011 / p. 98

Development of aspen bleached chemithermomechanical pulp towards nanostructure = Haava pleegitatud keemilis-termilise puitmassi töötlemine nanostruktuuride saamiseks

Kärner, Kärt 2018 <https://digi.lib.ttu.ee/i/29947> https://www.ester.ee/record=b5054961*est

EDTA kasutamine tselluloosi pleegitamise ja stabiliseerimise protsessis

Lehtaru, J.; Ilomets, T. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 62

Eesti teadlased hakkavad tootma puidust kilode kaupa bioplasti [Võrguväljaanne]

Männi, Marian novaator.err.ee 2022 ["Eesti teadlased hakkavad tootma puidust kilode kaupa bioplasti"](#)

Eesti teadlased sihivad plasti tootmises revolutsiooni [Võrguväljaanne]

aripaev.ee 2022 [Eesti teadlased sihivad plasti tootmises revolutsiooni](#)

Effect of green co-solvents on properties and synthesis of cellulose esters in superbase ionic liquid

Tarasova, Elvira; Savale, Nutan Bharat; Trifonova, Lada; Krasnou, Illia; Reile, Indrek; Kudrjašova, Marina; Mere, Arvo; Kaljuvee, Tiit; Mikli, Valdek; Sedrik, Rauno; Krumme, Andres Cellulose 2024 / p. 4911-4927 <https://doi.org/10.1007/s10570-024-05920-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficient barrier properties of mechanically enhanced agro-extracted cellulosic biocomposites

Qasim, Umair; Fatima, R.; Usman, M. Materials today chemistry 2020 / art. 100378, 8 p. : ill <https://doi.org/10.1016/j.mtchem.2020.100378>

Electrospun materials in triboelectric series

Savest, Natalja; Krasnou, Illia; Krumme, Andres; Dobryden, I.; Hakansson, K.; Edberg, J. Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 72 [Baltic Polymer Symposium, BPS2023 : programme and abstracts](#)

Evaluating the impact of toxicities in hemicellulosic hydrolysates during biotechnological valorisation processes

Lipova, Inna; Axelrud Nunes, Andreia; Bonturi, Nemailla; Lahtvee, Petri-Jaan Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 15 https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf

Faster magic angle spinning reveals cellulose conformations in woods

Yuan, Eric Chung-Yueh; Huang, Shing-Jong; Huang, Hung-Chia; Sinkkonen, Jari; Oss, Andres; Org, Mai-Liis; Samoson, Ago; Tai, Hwan-Ching; Chan, Jerry Chun Chung Chemical communications 2021 / p. 4110-4113 <https://doi.org/10.1039/D1CC01149A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Graphene oxide-terminated hyperbranched amino polymer-carboxymethyl cellulose ternary nanocomposite for efficient removal of heavy metals from aqueous solutions

Kong, Qiaoping; Preis, Sergei; Li, Leli; Luo, Pei; Hua, Yun; Wei, Chaohai International journal of biological macromolecules 2020 / p. 581-592 : ill <https://doi.org/10.1016/j.ijbiomac.2020.01.185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ida-Virumaale kerkib "roheline kulla" biotoodete tehas, mille toorainest saab teha nii peenekoelise kleidi kui ka joogitopsi rohe.geenius.ee 2022 [Ida-Virumaale kerkib "roheline kulla" biotoodete tehas, mille toorainest saab teha nii peenekoelise kleidi kui ka joogitopsi](#)

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](#)

Influence of cellulose content on rheological and mechanical properties of "green" poly(lactic) acid/cellulose composites

Šumigin, Dmitri; Poltimäe, Triinu; Tarasova, Elvira; Krumme, Andres; Meier, Pille Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010 / p. 122

Influence of cellulose content on rheological and mechanical properties of poly(lactic) acid/cellulose and LDPE/cellulose composites

Šumigin, Dmitri; Tarasova, Elvira; Meier, Pille Proceedings of the 6th meeting of the Nordic-Baltic Network in Wood Material Science and engineering (WSE) : October 21-22, 2010, Tallinn, Estonia 2010 / p. 187

Influence of cellulose content on rheological and mechanical properties of poly(lactic) acid/cellulose and low-density polyethylene/cellulose composites

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Meier, Pille 11th International Conference on Wood & Biofiber Plastic Composites & Nanotechnology in Wood Composites Symposium, May 16-18, Madison, USA 2011 / p. 51

Influence of cellulose content on thermal properties of poly(lactic) acid/cellulose and low-density polyethylene/cellulose composites

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Viikna, Anti Proceedings of the Estonian Academy of Sciences 2012 / p. 237-244 : ill https://artiklid.elnet.ee/record=b2535727*est

Influence of cellulose content on thermal properties of poly(lactic) acid/cellulose and low-density polyethylene/cellulose composites

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Viikna, Anti 12th International Conference on Biocomposites : Transition to Green Materials : May 6-8, 2012, Niagara Falls, Ontario, Canada 2012 / p. 54 [https://www.researchgate.net/publication/267408407_Influence_of_cellulose_content_on_thermal_properties_of_poly\(lactic\)acidcellulose_and_low-density_polyethylenecellulose_composites](https://www.researchgate.net/publication/267408407_Influence_of_cellulose_content_on_thermal_properties_of_poly(lactic)acidcellulose_and_low-density_polyethylenecellulose_composites)

Influence of cellulose stearate (CS) content on thermal and rheological properties of poly(lactic acid)/CS composites

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Viikna, Anti Baltic Polymer Symposium 2013 / p. 99-104

Influence of enzyme premixes MEK-CG and MEK-CGL addition on the cellulase activity of alimentary tract chyme of laying hens

Estko, V.; Bobiniene, R. Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 78

Ionic liquids as solvents for making composite materials from cellulose

Elhi, Fred; Aid, Tiina; Koel, Mihkel Proceedings of the Estonian Academy of Sciences 2016 / p. 255-266 : ill

<https://doi.org/10.3176/proc.2016.3.09> https://artiklid.elnet.ee/record=b2798397*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Isolation of cellulose from wheat straw using Alkaline Hydrogen Peroxide and Acidified Sodium Chlorite treatments: comparison of yield and properties

Qasim, Umair; Ali, Zulfiqar; Nazir, Muhammad Shahid Advances in polymer technology 2020 / art. 9765950, 7 p. : ill

<https://doi.org/10.1155/2020/9765950>

Jaan Kers: Eestist võiks saada Soome ja Rootsi kõrval edukas bioreafineerimise arendaja [Võrguväljaanne]

Kartau, Mari maaleht.ee 2022 [Jaan Kers: Eestist võiks saada Soome ja Rootsi kõrval edukas bioreafineerimise arendaja](#)

Kalorimeetrilisi katseid tselluloosi hüdroolüüsi kohta kontsentritud soolhappe toimele 0[kraadi]C juures

Rannak, Eero 1938

Kalorimeetrilisi katseid tselluloosi hüdroolüüsi kohta

Rannak, Eero 1939 https://www.ester.ee/record=b1430696*est <https://digikogu.taltech.ee/et/Item/a4de3f80-345d-411a-871b-66a05849342a>

Kas jumalaga, [t]selluloos?

Pavelson, Henno Sirp 1992 / 24. apr., lk. 5

Kassari lahe punavetika (Furcellaria lumbricalis) biomassi töötlusjäädade uudsed rakendused :

Keskkonnainvesteeringute Keskuse projekt nr. 11247 [Võrguväljaanne]

Kallavus, Urve 2018 https://www.kik.ee/sites/default/files/uuringud/projekti_11247_lopparuanne.pdf

Kolm Eesti ülikooli ja rida ettevõtteid loovad täiesti uusi puidupõhiseid materjale

Kartau, Mari maaleht.delfi.ee 2023 [Kolm Eesti ülikooli ja rida ettevõtteid loovad täiesti uusi puidupõhiseid materjale](#) [Kolm Eesti ülikooli ja rida ettevõtteid loovad täiesti uusi puidupõhiseid materjale](#)

Metal-catalyzed degradation of cellulose in ionic liquid media

Aid, Tiina; Koel, Mihkel; Lopp, Margus; Vahe, Merike Inorganics 2018 / art. 78, 11 p. : ill <https://doi.org/10.3390/inorganics6030078>

[Journal metrics at Scopus](#) [Article at Scopus](#)

Mis on paberkrohv ning missugused on tema omadused?

Nutt, Nele delfi.ee 2022 [Mis on paberkrohv ning missugused on tema omadused?](#)

Nanoengineered cellulosic biohydrogen production via dark fermentation : A novel approach

Srivastava, Neha; Srivastava, Manish; Malhotra, Banshi D.; Gupta, Vijai Kumar Biotechnology Advances 2019 / art. 107384, 13 p. : ill

<https://doi.org/10.1016/j.biotechadv.2019.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization and degradation studies of cellulose transesterification to palmitate esters in superbase ionic liquid

Savale, Nutan Bharat; Tarasova, Elvira; Krasnou, Illia; Kudrjašova, Marina; Rjabovs, Vitālijs; Reile, Indrek; Heinmaa, I. A.;

Krumme, Andres Carbohydrate Research 2024 / art. 109047 <https://doi.org/10.1016/j.carres.2024.109047> [Journal metrics at Scopus](#)

[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of wheat-straw-extracted cellulose via response surface methodology and mechanical properties of its poly(lactide)-based biocomposites

Qasim, Umair; Ali, Muzaffar; Usman, Muhammad Polymer composites 2020 / p. 5355-5364 <https://doi.org/10.1002/pc.25799>

An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples

Aid, Tiina; Paist, Loore; Lopp, Margus; Kaljurand, Mihkel; Vahe, Merike Journal of chromatography A 2016 / p. 141-147 : ill

<https://doi.org/10.1016/j.chroma.2016.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paber : [ka a/s "Eesti Paber" juhatuse esimehe H.Pavelsoni seisukohti]

Pavelson, Henno; Taliste, Hillar Tehnika ja Tootmine 1992 / 3, lk. 11-13

Permeability of water and oleic acid in composite films of phase separated polypropylene and cellulose stearate blends
Krasnou, Illia; Gardebjer, Sofie; **Tarasova, Elvira**; Larsson, Anette; Westman, Gunnar; **Krumme, Andres** Carbohydrate polymers 2016 / p. 450-458 : tab. <https://doi.org/10.1016/j.carbpol.2016.07.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plant cell wall degrading enzymes in biomass bioprocessing to biorefineries: a review. Chapter 21

Srivastava, Shilpi; Sharma, Minaxi; **Usmani, Zeba**; **Dubey, Saijasi** Recent developments in bioenergy research 2020 / p. 415-432 <https://doi.org/10.1016/B978-0-12-819597-0.00022-2>

Plastid, probleem ja lahendus

Krumme, Andres Sirp 2019 / lk. 34-36 : fot https://www.ester.ee/record=b1072938*est <https://sirp.ee/s1-artiklid/c21-teadus/plastid-probleem-ja-lahendus/>

Preparation of cellulose mix-esters and cellulose esters/MWCNT composites in ionic liquids

Tarasova, Elvira; **Kudrjašova, Marina**; **Krumme, Andres** EUPOC-2013 : Polymers and Ionic Liquids, 1-5 September 2013, Gargnano, Italy 2013

Preparation of cellulose stearate and cellulose acetate stearate in 1-butyl-3-methylimidazolium chloride

Tarasova, Elvira; **Šumigin, Dmitri**; **Kudrjašova, Marina**; **Krumme, Andres** Baltic Polymer Symposium 2013 / p. 105-110 <https://doi.org/10.4028/www.scientific.net/KEM.559.105> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Pretreatment of plant feedstocks and agrofood waste using ionic liquids

Usmani, Zeba; Sharma, Minaxi; **Karpichev, Yevgen**; **Gathergood, Nicholas**; Bhat, Rajeev; Gupta, Vijai Kumar Recent developments in bioenergy research 2020 / p. 393-413 <https://doi.org/10.1016/B978-0-12-819597-0.00021-0>

Processing of lignocellulose in ionic liquids : a cleaner and sustainable approach

Qasim, Umair; Rafiq, Sikander; Jamil, Farrukh; Ahmed, Ashfaq; Ali, Touqeer; **Kers, Jaan**; Khurram, M. Shahzad; Hussain, Murid; Inayat, Abrar; Park, Young-Kwon Journal of cleaner production 2021 / art. 129189, 17 p. : ill <https://doi.org/10.1016/j.jclepro.2021.129189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Production and properties of microcrystalline cellulose (MCC)

Roomets, Mart; Saar, Eva-Kai; **Vokk, Raivo** 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция химии и технологии пищевых продуктов. Секция биотехнологии 1991 / с. 3-7 : ил

Puidu uus tulemine

Kers, Jaan Horisont 2022 / lk. 14-19 : fot https://www.ester.ee/record=b1072243*est

Puiduteadlane : keskkonnasõbralike toodete valmistamiseks vajab Eesti tselluloositehast

Viiron, Kristiina; **Kers, Jaan** Maaleht 2019 / lk. 14

Puine vool

Strandberg, Marek Inseneeria 2015 / lk. 10 : fot

Reactive extrusion of cellulose esters in ionic liquid: Exploring properties and performance across different cellulose types and degree of polymerizations

Tarasova, Elvira; **Krasnou, Illia**; Enkhsaikhan, Giiguulen; Abousharabia, Ibrahim; Nunes, Caio César Zandonadi; Karthegesu, Darshni; **Savale, Nutan Bharat**; Kontturi, Eero; **Krumme, Andres** Cellulose 2024 / 28 p <https://doi.org/10.21203/rs.3.rs-4580669/v1>

Renewable cellulosic nanocomposites for food packaging to avoid fossil fuel plastic pollution: a review

Qasim, Umair; Osman, Ahmed I.; Al-Muhtaseb, A.; Farrell, C.; Al-Abri, M.; Ali, M.; Vo, D.-V. N.; Jamil, F.; Rooney, D. W. Environmental chemistry letters 2021 / p. 613-641 <https://doi.org/10.1007/s10311-020-01090-x>

Rheological and mechanical properties of poly(lactic) acid- and polyethylene-based cellulosic composites

Šumigin, Dmitri; **Poltimäe, Triinu**; **Tarasova, Elvira**; **Krumme, Andres**; **Meier, Pille** BIOCAMP 2010 : 10th Pacific Rim Bio-based Composites Symposium : October 5th-8th, 2010, Banff, Alberta, Canada 2010 / p. 310

Rheological and mechanical properties of poly(lactic) acid/cellulose and LDPE/cellulose composites

Šumigin, Dmitri; **Tarasova, Elvira**; **Krumme, Andres**; **Meier, Pille** Materials science = Medžiagotyra 2011 / p. 32-37 : ill

Rheology and dissolution capacity of cellulose in novel [mTBNH][OAc] ionic liquid mixed with green co-solvents

Tarasova, Elvira; **Savale, Nutan Bharat**; **Ausmaa, Peeter**; **Mihkel, Krasnou, Illia**; **Krumme, Andres** Rheologica acta 2024 / p. 167-178 <https://doi.org/10.1007/s00397-024-01433-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stabilizing effect of cyclodextrins and microcrystalline celluloses in food products and pharmaceuticals

Saar, Eva-Kai; Hamburg, Anu; Menert, Anne; Vokk, Raivo Kemia-kemi 1990 / 10B, p. 1006

Studies on the structure of the steam explosion and swelling-solvation cellulose and lignin using ¹³C CP/MAS NMR

Gravitis, Janis; Andersons, Bruno; Teeäär, Raivo; Kallavus, Urve Third European Workshop on Lignocellulosics and Pulp (EWLP '94), Stockholm, Sweden, August 28-31, 1994 : extended abstracts 1994 / p. 5-7: ill

Study of the effect of mechanical treatment and supercritical CO₂ extraction on aspen BCTMP by surface charge measurements and SEM

Kärner, Kärt; Talviste, Rasmus; Viipsi, Karin; Elomaa, Matti Antero; Kallavus, Urve Cellulose chemistry and technology 2014 / p. 535-544 : ill [https://www.cellulosechemtechnol.ro/pdf/CCT5-6\(2014\)/p.535-544.pdf](https://www.cellulosechemtechnol.ro/pdf/CCT5-6(2014)/p.535-544.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable routes for synthesis of fatty acid cellulose esters

Krumme, Andres Baltic Polymer Symposium 2024 : 22nd International Scientific Conference, September 17-19, 2024, Birštonas, Lithuania : Book of abstracts 2024 / p. 21 <https://doi.org/10.5755/e01.3030-1378.2024>

Synthesis of thermoplastic cellulose esters in novel ionic liquid

Savale, Nutan Bharat; Tarasova, Elvira; Krasnou, Illia; Kudrjašova, Marina; Reile, Indrek; Krumme, Andres Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 14

Tensile and surface hydrophobicity investigation of the novel synthesized cellulose derivative films

Kallakas, Heikko; Kilumets, Catherine; Tarasova, Elvira; Krasnou, Illia; Savest, Natalja; Gudkova, Viktoria; Ahmadian, Iman; Krumme, Andres; Kers, Jaan Research Square 2022 / 13 p <https://doi.org/10.21203/rs.3.rs-2191830/v1>

Tensile and surface wettability properties of the solvent cast cellulose fatty acid ester films

Kallakas, Heikko; Kattamanchi, Tanuj; Kilumets, Catherine; Tarasova, Elvira; Krasnou, Illia; Savest, Natalja; Ahmadian, Iman; Kers, Jaan; Krumme, Andres Polymers 2023 / art. 2677 <https://doi.org/10.3390/polym15122677> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Holocene isotopic record of aquatic cellulose from Lake Äntu Sinijärv, Estonia: Influence of changing climate and organic-matter sources

Street-Perrott, F. Alayne; Holmes, Jonathan A.; Robertson, Iain; Ficken, Katherine J.; Koff, Tiiu; Martma, Tõnu Quaternary science reviews 2018 / p. 68-83 : ill <https://doi.org/10.1016/j.quascirev.2018.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal and rheological properties of composites based on poly(lactic acid) and cellulose derivatives

Šumigin, Dmitri; Tarasova, Elvira; Krumme, Andres; Viikna, Anti Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 127

Thermoplastic cellulose stearate and cellulose laurate : melt rheology, processing and application potential

Krasnou, Illia; Tarasova, Elvira; Märtson, Triin; Krumme, Andres International polymer processing 2015 / p. 210-216 <https://doi.org/10.3139/217.2980> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tselluloosi hüdroolüüs ioonses vedelikus

Helmja, Kati; Vaher, Merike XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 25

TTÜ teadlased katsetavad puidust bioplasti tootmise tehnoloogiaid

Saluorg, Jane err.ee 2022 [TTÜ teadlased katsetavad puidust bioplasti tootmise tehnoloogiaid](#)

Use of EDTA in bleaching and stabilization of cellulose

Lehtaru, J.; Ilomets, T. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 68

Uuring: kingime põhjanaabritele igal aastal sadu miljoneid eurosid

Saarmann, Tanel Eesti Päevaleht 2022 / Lk. 17 <https://dea.digar.ee/article/eestipaevaleht/2022/02/01/18.2>

Valmis mõne minutiga : Eesti teadlased hakkavad puidust plastmassi tootma [Võrguväljaanne]

rohe.geenius.ee 2022 [Valmis mõne minutiga: Eesti teadlased hakkavad puidust plastmassi tootma](#)

VKG lubab : tselluloositehas päästab idavirulased töötusest ja puidu ahjust [Võrguväljaanne]

Kartau, Mari maaleht.ee 2022 [VKG lubab: tselluloositehas päästab idavirulased töötusest ja puidu ahjust](#)

В ТТУ активно совершенствуют технологию производства биопластика из целлюлозы [Online resource]

Männi, Marian rus.err.ee 2022 ["В ТТУ активно совершенствуют технологию производства биопластика из целлюлозы"](#)

Исследование пригодности фенолов и фенолятов смолы эстонских горючих сланцев для консервирования промышленных целлюлозных материалов : [научно-исследовательская работа]

Kikerpill, Elmar 1955 https://www.ester.ee/record=b2226973*est

Исследование процессов грануляции и сушки карбонатного шлама

Viisimaa, Ludmilla; Kuusik, Rein, keemik; Veiderma, Mihkel Процессы и аппараты химической технологии и технология неорганических веществ. 8 1977 / с. 27-32 : илл https://www.ester.ee/record=b1531858*est <https://digikogu.taltech.ee/et/Item/97286e9a-e68e-4dd6-9aae-92786dbf43a7>

Исследование совместимости лигнина с геницеллюлозами в их смесях методом сканирующей электронной микроскопии

Andersons, Bruno; Kallavus, Urve; Grāvītis, Jānis Химия древесины 1984 / с. 106-108 : ил https://www.ester.ee/record=b2158897*est

Получение ионотропных гелией карбоксиметилцеллюлозы

Kalbin, Georgi Tallinna Tehnikaülikooli Toimetised 1991 / lk. 81-92

Ученые ТТУ совместно с VKG экспериментируют с технологией производства биопластика из древесины

Saluorg, Jane rus.err.ee 2022 [Ученые ТТУ совместно с VKG экспериментируют с технологией производства биопластика из древесины](#)