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.; Zhurinsh, 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 in choline chloride-based deep eutectic solvents : dissolution, regeneration, and acetylation
Brus, Gretel; **Tarasova, Elvira**; **Krumme, Andres** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 61 http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf

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

Choline hydroxide-based deep eutectic solvents : cellulose dissolution and esterification
Prelgauskaite, Vilte; **Tarasova, Elvira**; **Krumme, Andres** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 85 http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf

Composites of low-density polyethylene and poly(lactic acid) with cellulose and its derivatives = Madaltiheda polüetüleeni ja polü(piimhappe) 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**; **Gorbatšova, 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/?9947 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 drying methods on the morphological and functional properties of cellulose ester films
Kattamanchi, Tanuj; **Kallakas, Heikko**; **Tarasova, Elvira**; **Alao, Percy Festus**; **Kaljuvee, Tiit**; **Mere, Arvo**; **Katerski, Atanas**; **Kers, Jaan** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025"Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 42 http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf

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

Electrospun triboelectric textiles utilizing cellulose acetate
Edberg, Jesper; **Savest, Natalja**; **Krasnou, Illia**; Mulla, Mohammad Yusuf; **Krumme, Andres**; Hakansson, Karl; Dobryden, Illia Advanced sustainable systems 2025 / art. e00173 https://doi.org/10.1002/adsu.202500173

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 "rohelise kulla" biotoodete tehas, mille toorainest saab teha nii peenekoelise kleidi kui ka joogitopsi
rohe.geenius.ee 2022 Ida-Virumaale kerkib "rohelise 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 Confernece 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_polylactic_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
https://doi.org/10.4028/www.scientific.net/KEM.559.99 Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

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 hüdrolüüsi kohta kontsentritud soolhappe toimel 0[kraadi]C juures
Rannak, Eero 1938

Kalorimeetrilisi katseid tselluloosi hüdrolüüsi 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 töötlusjääkide uudsed rakendused : Keskkonnainvesteeringute Keskuse projekt nr. 11247 [Võrguväljanne]
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**; **Vaher, 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, Bansi 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 ofwheat-straw-extractedcellulose 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**; **Vaher, 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, Ashfag; 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

Reactive extrusion of cellulose esters in ionic liquid: exploring properties and performance across different cellulose types and degrees of polymerization
Tarasova, Elvira; **Krasnou, Illia**; **Enkhsaikhan, Giiguulen**; **Abousharabia, Ibrahim**; **Nunes, Caio César Zandonadi**; **Karthegesu, Darshni**; **Savale, Nutan Bharat**; Kontturi, Eero; **Krumme, Andres** Cellulose 2024 / p. 10223-10240 : ill https://doi.org/10.1007/s10570-024-06203-1 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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** BIOCOMP 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

Rheological properties of fatty acid cellulose esters synthesised by reactive extrusion
Ilnitskaja, Anna; **Krasnou, Illia**; **Krumme, Andres** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 55 http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf

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

Separation and characterization of soluble and insoluble phases from cellulose laurate (cl) for bioplastic coating applications
Ebber, Laura Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 66 http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf

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 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 hüdrolüüs 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 целюлозных 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