

Ando Jukk: Eesti on liiga väike riik, et täiendavate nõuetega hakkama saada
Aunap, Sigrid Eesti Tööstus 2023 / lk. 4-8 : fot https://www.ester.ee/record=b5283062*est

Assessing the potential of furan polymer-based resin development in bonded veneer processing factors on adhesive bond strength

Matsi, Mikk; Rohumaa, Anti; Piirlaid, Marko; Hughes, Mark; **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. 193

Assessing the potential of furan polymer-based resin development in bonded veneer processing factors on adhesive bond strength

Matsi, Mikk; Piirlaid, Marko; Meier, Pille; Rohumaa, Anti; Hughes, Mark Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010 / p. 54 <https://wsenetwork.org/assessing-the-potential-of-furan-polymer-based-resin-development-in-bonded-veneer-processing-factors-on-adhesive-bond-strength/>

Assessment of fire-retardant treatments and their impact on the fire performance and bonding properties of aspen and silver birch veneers

Alao, Percy Festus; Olusoji, Adekunle; **Kallakas, Heikko; Just, Alar; Kers, Jaan** European journal of wood and wood products 2025 / art. 66 <https://doi.org/10.1007/s00107-025-02223-1>

Combined methods for the treatment of a typical hardwood soaking basin wastewater from plywood industry

Klauson, Deniss; Klein, Kati; Kivi, Arthur; **Kattel, Eneliis; Viisimaa, Marika; Dulova, Niina;** Velling, Siiri; **Trapido, Marina;** Tenno, Taavo International journal of environmental science and technology 2015 / p. 3575-3586 : ill <https://doi.org/10.1007/s13762-015-0777-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combined processes for the treatment of a typical hardwood soaking basin wastewater from plywood industry

Klauson, Deniss; Viisimaa, Marika; Kattel, Eneliis; Trapido, Marina; Kivi, Arthur; Klein, Kati; Velling, S.; Tenno, Taavo Abstracts book : International Congress on Water, Waste and Energy Management : 16th-18th July 2014, Porto, Portugal 2014 / p. 33

Detachable connecting fittings failure loads on plywood furniture

Saar, Kaarel; Kers, Jaan; Luga, Üllar; Reiska, Ahto Proceedings of the Estonian Academy of Sciences 2015 / p. 113-117 : ill <https://doi.org/10.3176/proc.2015.1S.07> https://artiklid.elnet.ee/record=b2716371*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the susceptibility to discoloration and inactivation of dried birch veneer

Rohumaa, Anti; Süld, Tiia-Maaja; Kaps, Tiit Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 249-251

Eesti insenerid arendavad haavaspooni, mis võib muuta vineeritööstust

geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/eesti-insenerid-arendavad-haavaspooni-mis-voib-muuta-vineeritoostust/>

Effect of aspen face veneer thickness on the fire performance of post-manufacture fire-retardant treated birch plywood

Alao, Percy Festus; Rohumaa, Anti; Dembovski, Karl Harold; Ruponen, Jussi; **Kallakas, Heikko; Kers, Jaan** Proceedings of the 11th European Conference on Wood Modification 2025 / p. 165-172 https://doi.org/10.1007/978-3-031-99418-0_21

Effect of birch veneer processing factors on adhesive bond shear strength

Piirlaid, Marko; Matsi, M.; Kers, Jaan; Rohumaa, Anti; Meier, Pille Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 705-710 : ill

Effect of birch veneer processing factors on adhesive bond strength development

Piirlaid, Marko; Meier, Pille; Rohumaa, Anti; Hughes, Mark; **Matsi, Mikk** Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010 / p. 54

Effect of birch veneer processing factors on adhesive bond strength development

Piirlaid, Marko; Rohumaa, Anti; Matsi, Mikk; Hughes, Mark; 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. 192

Effect of different hardwood species and lay-up schemes on the mechanical properties of plywood

Kallakas, Heikko; Rohumaa, Anti; Vahermets, Harti; Kers, Jaan Forests 2020 / art. 649, 13 p. : ill <https://doi.org/10.3390/f11060649> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of hardwood veneer densification on plywood density, surface hardness, and screw withdrawal capacity

Kallakas, Heikko; Kallakas, Heikko; Akkurt, Tolgay; Akkurt, Tolgay; Scharf, Alexander; Scharf, Alexander; **Mühls, Fred; Mühls, Fred;** Rohumaa, Anti; Rohumaa, Anti; **Kers, Jaan; Kers, Jaan** Forests 2024 / art. 1275 <https://doi.org/10.3390/f15071275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of lignin on veneer densification and set-recovery

Kilumets, Catherine; Kallakas, Heikko; Ralph, Sally; Zhu, J. Y.; Hunt, Christopher Glaab; **Rohumaa, Anti; Kers, Jaan** Construction and building materials 2024 / art. 138795 <https://doi.org/10.1016/j.conbuildmat.2024.138795> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of log soaking and the temperature of peeling on the properties of rotary-cut birch (Betula pendula Roth) veneer bonded with phenol-formaldehyde adhesive

Rohumaa, Anti; Yamamoto, Akio; Hunt, Christopher Glaab; Frihart, Charles Richard; Hughes, Mark; Kers, Jaan Bioresources 2016 / p. 5829-5838 : ill <https://doi.org/10.15376/biores.11.3.5829-5838> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of prestressing and temperature on tensile strength of basalt fiber-reinforced plywood

Lõhmus, Rünno; Kallakas, Heikko; Tuhkanen, Eero; Gulik, Volodymyr; Kiisk, Madis; Saal, Kristjan; **Kalamees, Targo** Materials 2021 / art. 4701, 9 p. : ill <https://doi.org/10.3390/ma14164701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of surface properties on bond strength of birch, black alder, grey alder and aspen veneers

Rohumaa, Anti; Kallakas, Heikko; Mäetalu, Marja; Savest, Natalja; Kers, Jaan International Journal of Adhesion and Adhesives 2021 / art. 102945 <https://doi.org/10.1016/j.ijadhadh.2021.102945> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effective Wood Veneer Densification by Optimizing Key Parameters : Temperature, Equilibrium Moisture Content, and Pressure

Akkurt, Tolgay; Rohumaa, Anti; Kers, Jaan Forests 2025 / 14 p. : ill <https://doi.org/10.3390/f16060969>

Enhancing the bending strength, load-carrying capacity and material efficiency of aspen and black alder plywood through thermo-mechanical densification of face veneers

Akkurt, Tolgay; Rohumaa, Anti; Kallakas, Heikko; Scharf, Alexander; **Kers, Jaan** Construction and building materials 2024 / art. 138555 <https://doi.org/10.1016/j.conbuildmat.2024.138555> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fiber-reinforced plywood: Increased performance with less raw material

Saal, Kristjan; Kallakas, Heikko; Tuhkanen, Eero; Just, Alar; Rohumaa, Anti; Kers, Jaan; Kalamees, Targo; Lõhmus, Rünno Materials 2024 / art. 3218 <https://doi.org/10.3390/ma17133218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kuivatusparameetrite mõju spooni valgustundlikkusele

Rohumaa, Anti; Süld, Tiia-Maaja; Kaps, Tiit XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 126-127

Mechanical properties of connecting fittings for plywood furniture

Saar, Kaarel; Kers, Jaan; Luga, Üllar; Reiska, Ahto Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 399-404 : ill

Plywood reinforced with volcanic fibre fabric

Kattamanchi, Tanuj; Kallakas, Heikko; Hakonen, Joonas Lauri; Lõhmus, Rünno Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 80 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Puidu ja puitmaterjalide vastupidavus. Bioloogiliste ohuklasside määratlus

Mänd, Urmas; Soonurm, Enno 2002 https://www.ester.ee/record=b1736775*est

Puidu liimimine, inseneripuidust toodete ja puitplaatide valmistamine

Puidutöötlemise õpik 2025 / lk. 268-374 : ill <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93> https://www.ester.ee/record=b5714083*est

Puidutehnoloog: väikese arendustöö järel saaks teha vineerist ämbreid [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Puidutehnoloog: väikese arendustöö järel saaks teha vineerist ämbreid"](https://novaator.err.ee/2021/05/10/puidutehnoloog-vaikese-arendustoo-jarel-saaks-teha-vineerist-ambreid)

Puitplaadid [Võrguteavik] : formaldehüüdi sisalduse määramine. Osa 5, Ekstraktsioonmeetod (perforaatormeetod) = Wood-based panels : determination of formaldehyde release. Part 5, Extraction method (called the perforator method) (ISO 12460-5:2015)

2016 http://www.ester.ee/record=b4602950*est

Puitplaadid. Formaldehüüdi sisalduse määramine. Ekstraktsioonmeetod (perforaatormeetod)

Reiska, Rein 2002 https://www.ester.ee/record=b1620170*est

Puitplaadid. Paindeelastsusmooduli ja paindetugevuse määramine

Reiska, Rein 2002 https://www.ester.ee/record=b1620166*est

Puitu töötlev tööstus

Reiska, Rein Tehnoloogiaseire. I, (Eesti majanduse tehnoloogilise taseme võrdlev analüüs) 1999 / lk. 78-86

Saematerjali ja spooni kuivatus, puidu modifitseerimine

Kallakas, Heikko; Poltimäe, Triinu; Reiska, Rein; Riistop, Märt Puidutöötlemise õpik 2025 / lk. 172-237 : ill

https://www.ester.ee/record=b5714083*est <https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93>

Saematerjali ja spooni tootmine

Kallakas, Heikko; Riistop, Märt Puidutöötlemise õpik 2025 / lk. 94-171 : ill., fot https://www.ester.ee/record=b5714083*est

<https://digikogu.taltech.ee/et/Item/32f67368-0b3f-4f3d-9c57-26b8d9d7bc93>

Surface properties of birch false heartwood [Online resource]

Saar, Kaarel Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu :

teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

The effect of birch (Betula pendula Roth) face veneer thickness on the reaction to fire properties of fire-retardant treated plywood

Alao, Percy Festus; Dembovski, Karl Harold; Rohumaa, Anti; Ruponen, Jussi; Kers, Jaan Construction and building materials

2024 / art. 136242 <https://doi.org/10.1016/j.conbuildmat.2024.136242> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of drying and artificial solar light on wood surface

Süld, Tiia-Maaja; Rohumaa, Anti Polimeru chemija, fizika ir tehnologija = Polymer chemistry, physics and technology :

konferencijos pranešimu medžiaga 2000 / p. 17-22 : ill

TTÜ avas spooni- ja vineeritootmise labori

Ehitaja 2018 / lk. 12 : fot http://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2862050*est

TTÜ uhiuus spooni- ja vineeritootmise T&A teeb kadedaks

Director. Inseneria 2018 / lk. 105-107 : fot http://www.ester.ee/record=b2336521*est https://artiklid.elnet.ee/record=b2861399*est

Valorizing low-quality wood species into innovative multilayer engineered wood products

Akkurt, Tolgay Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium

2025" : Book of abstracts 2025 / p. 43 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Valorizing low-quality wood species into innovative multilayer engineered wood products = Madalakvaliteediliste puiduliikide puidu väärindamine innovatiivseteks kihilisteks inseneripuittoodeteks

Akkurt, Tolgay 2025 https://www.ester.ee/record=b5757106*est <https://digikogu.taltech.ee/et/Item/8f72385d-d8f0-40eb-b21f-f41170872c8e>
<https://doi.org/10.23658/taltech.58/2025>

Vineer [Võrguteavik] : spetsifikaadid = Plywood : specifications

2015 http://www.ester.ee/record=b4439793*est

Vineer. Liigitus pinna kvaliteedi järgi

1999 https://www.ester.ee/record=b1315184*est

Vineer. Liigitus pinna kvaliteedi järgi

1999 https://www.ester.ee/record=b1315193*est

Vineer. Liigitus pinna kvaliteedi järgi

1999 https://www.ester.ee/record=b1315197*est

Vineer. Liigitus pinna kvaliteedi järgi

1999 https://www.ester.ee/record=b1315199*est

Vineer. Liimühenduse kvaliteet

1999 https://www.ester.ee/record=b1315106*est

Vineer. Liimühenduse kvaliteet

1999 https://www.ester.ee/record=b1315176*est

Vineer. Tehnonõuded

1999 https://www.ester.ee/record=b1315089*est

Vineer. Tehnonõuded

1999 https://www.ester.ee/record=b1315091*est

Vineer. Tehnonõuded

1999 https://www.ester.ee/record=b1315099*est

Ülikooli puidulabor pani üles väikese vineeritehase

Alvela, Ain; **Kers, Jaan** Maaleht 2018 / Metsaleht, lk. 7 <https://maaleht.delfi.ee/artikkel/84021886/ulikooli-puidulabor-pani-ules-vaikese-vineeritehase>

Технолог по деревообработке: из фанеры можно было бы делать ведра [Online resource]

Zöbina, J. rus.err.ee 2021 ["Технолог по деревообработке: из фанеры можно было бы делать ведра"](#)