

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

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/>

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](#)

Fibrillation of aspen by alkaline cold pre-treatment and vibration milling

Kärner, Kärt; Elomaa, Matti Antero; Kallavus, Urve Materials science = Medžiagotyra 2016 / p. 358-363 : ill <https://doi.org/10.5755/j01.ms.22.3.7412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of aspen and black alder substitution in birch plywood

Akkurt, Tolgay; Kallakas, Heikko; Rohumaa, Anti; Hunt, Christopher Glaab; Kers, Jaan Forests 2022 / art. 142 <https://doi.org/10.3390/f13020142>

Lepp ja haab ei anna rämpsputitu, vaid väärtuslikku toorainet

toostusuudised.ee 2024 [Lepp ja haab ei anna rämpsputitu, vaid väärtuslikku toorainet](#)

Rapid quantitative determination of lignin in lignocellulosic products

Kärner, Kärt; Kärner, Kristi; Kallavus, Urve; Elomaa, Matti Antero Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 56 [Conference Proceedings metrics at Scopus](#) [Article at Scopus](#)

Rapid semi-quantitative determination of aspen lignin in lignocellulosic products

Kallavus, Urve; Kärner, Kristi; Kärner, Kärt; Elomaa, Matti Antero Proceedings of the Estonian Academy of Sciences 2015 / p. 105-112 : ill <https://doi.org/10.3176/proc.2015.1S.06> https://artiklid.elnet.ee/record=b2716368*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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 väärdamine 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>

Термохимическое модифицирование древесины. Сообщ. 17, Распределение пропиточной смеси ДФК-16 в массивной осиновой древесине

Kaps, Tiit; Riistop, Märt; Sillajõe, Aadu Синтез и применение поликонденсационных клеев. 11 1988 / с. 69-77