

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

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

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>

ELIMÄKI Locus is required for vertical proprioceptive response in birch trees

Alonso-Serra, Juan; Shi, Xueping; Peaucelle, Alexis; **Smolander, Olli-Pekka** Current biology : CB 2020 / p. 589-599
<https://doi.org/10.1016/j.cub.2019.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Essential oil in Betula spp. leaves naturally growing in Estonia

Orav, Anne; Arak, Elmar; Boikova, Tatjana; Raal, Ain Biochemical systematics and ecology 2011 / p. 744-748

Experimental observation of crack formation on surface of charring timber

Rinta-Paavola, Aleks; Ferrantelli, Andrea; Hostikka, Simo Fire safety journal 2024 / art. 104231
<https://doi.org/10.1016/j.firesaf.2024.104231> [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>

The influence of birch (Betula pendula) false heartwood on the mechanical properties of wood-plastic composites = Kase (Betula pendula) väärilülipuidu mõju puitplastkomposiitide mehaanilistele omadustele

Kallakas, Heikko 2019 <https://digi.lib.ttu.ee/i/?12253>

Influence of birch false heartwood on the physical and mechanical properties of wood-plastic composites

Kallakas, Heikko; Ayansola, Gbenga; Tumanov, Tanel; Goljandin, Dmitri; Poltimäe, Triinu; Krumme, Andres; Kers, Jaan Bioresources 2019 / p. 3554-3566 : ill <https://doi.org/10.15376/biores.14.2.3554-3566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kasepuidu pundumine orgaaniliste ainete vesilahustes

Meier, Pille; Kaps, Tiit XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 85

Magistritööst selgus, millist multši peaks aias kasutama

Ivask, Mairi; Ivask, Mari; **Meitern, Annika Joy** postimees.ee 2025 <https://maaelu.postimees.ee/8279164/magistritoost-selgus-millist-multsi-peaks-aias-kasutama>

Microstructure study of birch false heartwood

Bankole, Olabode Samuel; Rohumaa, Anti; **Kers, Jaan** Proceedings of the 12th Meeting of the Northern European Network for Wood Science and Engineering (WSE) : Wood Science and Engineering - a Key Factor on the Transition to Bioeconomy : September 12-13, 2016, Riga, Latvia 2016 / p. 117-123 : ill <http://www.kki.lv/dokumenti/WSE2016.pdf>

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](#)

The effect of surface treatment on the antibacterial properties of wood and the possibility to detect the antibacterially with fluorescence method

Vainio-Kaila, Tiina; Harju, Anni; Rohumaa, Anti; Paajanen, Olli; Venäläinen, Martti; Seppä, Julia; Veijalainen Anna-Maria; Pasanen, Pertti Forests 2023 / art. 23, 13 p. : ill <https://doi.org/10.3390/f14010023>

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 väärimine innovatiivseteks kihulisteks 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>

Ülemiste keskuse roheasfalt: esimene eksperiment õnnestus, nüüd tuleb isegi tähtsam katse = «Зеленый асфальт» центра Ülemiste: первый эксперимент удался

goodnews.ee 2023 [Ülemiste keskuse roheasfalt: esimene eksperiment õnnestus, nüüd tuleb isegi tähtsam katse «Зеленый асфальт» центра Ülemiste: первый эксперимент удался](https://www.ester.ee/record=b5757106*est)

Влияние условий взрывного автогидролиза березовой древесины на структуру получаемых волокнистых продуктов

Kallavus, Urve; Grāvītis, Jānis; Polmanis, A. Строение древесины и его роль в процессах делигнификации : тезисы докладов 3-го научного семинара 1986 / с. 85-88 https://www.ester.ee/record=b2333166*est

Микроструктурные исследования древесины березы, пропитанной растворами смолы ДФК-20 различных концентраций

Tanner, Jüri; Nikitšenko, Ludmilla Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы докладов 1987 / с. 96-97 https://www.ester.ee/record=b1263082*est

Термохимическое модифицирование древесины. Сообщ. 12, Сопротивление истиранию натуральной и модифицированной смолой ДФК-20 березовой древесины

Riistop, Märt Синтез и применение поликонденсационных клеев. 9 1986 / с. 69-78

Термохимическое модифицирование древесины. Сообщ. 13, Вязкоупругие свойства и сопротивление истиранию модифицированной смолой ДФК-20 березовой древесины

Liiv, E.; Riistop, Märt Синтез и применение поликонденсационных клеев. 9 1986 / с. 79-87

Термохимическое модифицирование древесины. Сообщ. 14, Структурные особенности пропитанной древесины березы в зависимости от режима модифицирования ее смолой ДФК-20

Tanner, Jüri; Nikitšenko, Ludmilla Синтез и применение поликонденсационных клеев. 10 1987 / с. 49-54

Термохимическое модифицирование древесины. Сообщ. 18, Набухание березовой древесины в водных растворах этанола

Kaps, Tiit; Riistop, Märt; Taul, Marina Синтез и применение поликонденсационных клеев. 12 1989 / с. 93-96