

**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; Mühlis, Fred; Mühlis, Fred; Rohumaa, Anti; Rohumaa, Anti; Kers, Jaan; Kers, Jaan Forests 2024 / art. 1275 <https://doi.org/10.3390/f15071275>

**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>

**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>

**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://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>