

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>

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>

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
<http://dx.doi.org/10.5755/j01.ms.22.3.7412>

Lignin and outer cell wall removal from aspen pulp fibres by using supercritical CO2 extraction

Kärner, Kärt; Elomaa, Matti Antero; Kallavus, Urve Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 372-377 : ill

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

Rapid semi-quantitative determination of aspen lignin in lignocellulosic products

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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