

Alternative wood preservative systems in a combined impregnation process (CIP)

Libert, Laura; Treu, Andreas; 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. 190

Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar**; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> Journal metrics at Scopus Article at Scopus Journal metrics at Scopus Article at WOS

Doktoritöö: kastanist valmistatud materjal sobib toidupakendiks [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 "[Doktoritöö: kastanist valmistatud materjal sobib toidupakendiks](#)"

Electrospinning polyvinyl alcohol reinforced with chitin: The effect of the degree of acetylation

Krumme, Andres; Mendez, James D. Polymers 2024 / art. 1955 <https://doi.org/10.3390/polym16141955>

Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling

Bajić, Marijan; Oberlinterer, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.ijbiomac.2020.05.186> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The investigation of the production of salt-added polyethylene oxide/chitosan nanofibers

Varnaite-Žuravlioja, Sandra; **Savest, Natalja**; Baltušnikaite-Guzaitiene, Julija; Abraitiene, Aušra; **Krumme, Andres** Materials 2024 / art. 132 <https://doi.org/10.3390/ma17010132> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kas tulevikus võiks toidupakendeid valmistada kastanitest?

Maa Elu 2021 / Lk. 4 https://www.estet.ee/record=b4427409*est

Kas tulevikus võiks toidupakendeid valmistada kastanitest? [Võrguväljaanne]

postimees.ee 2021 "[Kas tulevikus võiks toidupakendeid valmistada kastanitest?](#)"

Life cycle assessment of laboratory-scale chitosan production: comparison of high-pressure processing-assisted and conventional methods

Bashiri, Bashir; Pinheiro, Ana Cristina De Aguiar Saldanha; Tappi, Silvia; Rocculi, Pietro; **Kaleda, Aleksei**; Vilu, Raivo Proceedings of the Estonian Academy of Sciences 2025 / p. 1-14 : ill <https://doi.org/10.3176/proc.2025.1.01>

Macroporous silicon-wollastonite scaffold with Sr/Se/Zn/Mg-substituted hydroxyapatite/chitosan hydrogel

Ressler, Antonia; **Kamboj, Nikhil Kumar**; Ledinski, Maja; Rogina, Anamarja; Urlic, Inga; **Hussainova, Irina**; Ivankovic, Hrvoje; Ivankovic, Marica Open Ceramics 2022 / art. 100306 <https://doi.org/10.1016/j.oceram.2022.100306> Journal metrics at Scopus Article at Scopus Article at WOS

Potential eco-friendly wood protection systems used in royal process

Liibert, Laura; **Treu, Andreas**; Kers, Jaan; Meier, Pille Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 674-679 : ill

Reduction in spoilage microbiota and cyclopiazonic acid mycotoxin with chestnut extract enriched chitosan packaging: stability of inoculated Gouda cheese

Körge, Kristi; Šeme, Helena; Bajić, Marijan; Likozar, Blaž; Novak, Uroš Foods 2020 / Art. nr. 1645

<https://doi.org/10.3390/foods9111645> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synergistic interaction of natamycin with carboxymethyl chitosan for controlling *Alternata alternata*, a cause of black spot rot in postharvest jujube fruit

Gong, Liang; Zhao, Zhiyong; Yin, Chunxiao; **Gupta, Vijai Kumar**; Zhang, Xianhui; Jiang, Yueming Postharvest Biology and Technology 2019 / Art. nr. 110919 <https://doi.org/10.1016/j.postharvbio.2019.05.020> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthesis and antibacterial efficiency of chitosan–copper oxide nanocomposites

Laanoja, Jüri; Sihtmäe, Mariliis; Otsus, Maarja; Kahru, Anne; Kasemets, Kaja International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092035>

Synthesis and characterization of chitosan-polyacrylamide cryogels for the purification of human IgG by IMAC

Sepúlveda Del Rio Hamacek, Henrique; Bresolin, Igor Tadeu Lazzarotto; Fioravante, Igor Ferreira; Bueno, Sonia Maria Alves Process Biochemistry 2023 / p. 199 - 209 <https://doi.org/10.1016/j.procbio.2023.06.021>

