

Influence of protic ionic liquid-based flame retardant on the flammability and water sorption of alkalized hemp fiber-reinforced PLA composites

Alao, Percy Festus; Press, Raimond; Ruponen, Jussi; **Mikli, Valdek; Kers, Jaan** Polymers 2023 / art. 3661

<https://doi.org/10.3390/polym15183661> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of efficient alkali treatment and the effect of flame retardant on the mechanical and fire performance of frost-retted hemp fiber reinforced PLA

Alao, Percy Festus; Press, Raimond; Kallakas, Heikko; Ruponen, Jussi; **Poltimäe, Triinu; Kers, Jaan** Polymers 2022 / art. 2280

<https://doi.org/10.3390/polym14112280> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)