

Effect of hemp fiber surface treatment on the moisture/water resistance and reaction to fire of reinforced PLA composites

Alao, Percy Festus; Marrot, Laetitia; **Kallakas, Heikko**; **Just, Alar**; **Poltimäe, Triinu**; **Kers, Jaan** Materials 2021 / art. 4332, 17 p. : ill <https://doi.org/10.3390/ma14154332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of alkali and silane treatment on hemp/PLA composites' performance : from micro to macro scale

Alao, Percy Festus; Marrot, Laetitia; Burnard, Michael David; Lavrič, Gregor; **Saarna, Mart**; **Kers, Jaan** Polymers 2021 / art. 851, 18 p. : ill <https://doi.org/10.3390/polym13060851> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of frost-retted hemp fibres for the reinforcement of composites

Marrot, Laetitia; **Alao, Percy Festus**; **Mikli, Valdek**; **Kers, Jaan** Journal of natural fibers 2022 / p. 16017-16028

<https://doi.org/10.1080/15440478.2021.1904474> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of retted hemp fibres for reinforcement of composites

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Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 13 : ill <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Utilization of Estonian cultivated hemp fibre (a byproduct of cannabidiol production), as a reinforcing material for bio-based thermoplastic composite

Alao, Percy Festus; **Marrot, Laetitia**; **Kers, Jaan** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 /

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