

Projekta Izp-2020/1-0385 rezultāti

Augsta atjaunojamo vielu satura termoreaktīvo polimēru izstrāde no augu izcelsmes eļļām (Bio-Mer)

Oriģināli zinātniskie raksti, kas publicēti zinātniskos žurnālos, rakstu krājumos vai konferenču rakstu krājumos, kuri ir indeksēti datu bāzēs Web of Science Core Collection, SCOPUS vai ERIH PLUS

1. Pomilovskis, R.; Mierina, I.; Beneš, H.; Trhlíková, O.; Abolins, A.; Fridrihsona, A.; Kirpluks, M. The Synthesis of Bio-Based Michael Donors from Tall Oil Fatty Acids for Polymer Development. - *Polymers*, 2022, <https://doi.org/10.3390/polym14194107>
2. Pomilovskis, R.; Mierina, I.; Fridrihsone, A.; Kirpluks, M. Bio-Based Polymer Developments from Tall Oil Fatty Acids by Exploiting Michael Addition. - *Polymers*, 2022, <https://doi.org/10.3390/polym14194068>
3. Pomilovskis, R.; Kaulina, E.; Mierina, I.; Abolins, A.; Kockova, O.; Fridrihsone, A.; Kirpluks, M. Wood pulp industry by-product valorization for acrylate synthesis and bio-based polymer development via Michael addition reaction. - *Journal of Bioresources and Bioproducts* Volume 8, Issue 3, August 2023, <https://doi.org/10.1016/j.jobab.2023.06.001>
4. Pomilovskis, R.; Kaulina, E.; Mierina, I.; Abolins, A.; Kockova, O.; Fridrihsone, A.; Kirpluks, M. Fast-curing bio-based thermoset foams produced via the Michael 1,4-addition using fatty acid-based acetoacetate and acrylate. - *European Polymer Journal*, 2024, <https://doi.org/10.1016/j.eurpolymj.2024.112968>