

Projekta Izp-2018/2-0020 rezultāti

Koksnes pārstrādes blakusproduktu transformācija vērtīgos biopoliolos, izmantojot perspektīvus heterogēnas fāzes biokatalizatorus un raksturojot procesa kinētiku. (FORinPOL)

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. Vevere, L.; Fridrihsone, A.; Kirpluks, M.; Cabulis, U. A review of wood biomass-based fatty acids and rosin acids use in polymeric materials. - Polym., 2020, 12 (11), 1-17, <https://doi.org/10.3390/polym12112706>
2. Vanags, E.; Abolins, A.; Cabulis, U. Correction: Lipase Catalyzed Self-epoxidation of Tall Oil Fatty Acids in Batch and Continuous Flow Conditions. - Journal of Polymers and the Environment, 2023, 31, 5, (2166-2176), 10.1007/s10924-022-02739-0. <https://doi.org/10.1007/s10924-023-02783-4>
3. Vanags, E.; Abolins, A.; Cabulis, U. Lipase Catalyzed Self-epoxidation of Tall Oil Fatty Acids in Batch and Continuous Flow Conditions - J. Polym. Environ., 2023, 31 (5), 2166-2176. <https://doi.org/10.1007/s10924-022-02739-0>
4. Kirpluks, M.; Pomilovskis, R.; Vanags, E.; Abolins, A.; Mierina, I.; Fridrihsone, A. Influence of different synthesis conditions on the chemo-enzymatic epoxidation of tall oil fatty acids. - Process Biochem., 2022, 122, 38-49, <https://doi.org/10.1016/j.procbio.2022.08.024>
5. Abolins, A.; Pomilovskis, R.; Vanags, E.; Mierina, I.; Michalowski, S.; Fridrihsone, A.; Kirpluks, M. Impact of different epoxidation approaches of tall oil fatty acids on rigid polyurethane foam thermal insulation. - Mater., 2021, 14 (4), 1-17, <https://doi.org/10.3390/ma14040894>