

Projekta Izp-2020/2-0019 rezultāti

Jauni biomasas izcelsmes oglekļa hibrīdmateriāli enerģijas uzglabāšanai (BiComp)

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. Godina, D.; Meile, K.; Zhurinsh, A. Obtaining lignocellulosic biomass-based catalysts and their catalytic activity in cellobiose hydrolysis and acetic acid esterification reactions. - RSC Adv., 2021, 11 (30), 18259-18269, <https://doi.org/10.1039/d1ra02824c>.
2. Volperts, A.; Plavniece, A.; Kaare, K.; Dobeļe, G.; Zhurinsh, A.; Kruusenbergs, I. Influence of chemical activation temperatures on nitrogen-doped carbon material structure, pore size distribution and oxygen reduction reaction activity. – Catalysts, 2021, 11 (12), <https://doi.org/10.3390/catal11121460>
3. Plavniece, A.; Volperts, A.; Dobeļe, G.; Zhurinsh, A.; Kaare, K.; Kruusenbergs, I.; Kaprans, K.; Knoks, A.; Kleperis, J. Wood and black liquor-based n-doped activated carbon for energy application. – Sustainability, 2021, 13 (16), <https://doi.org/10.3390/su13169237>