

**A combined analysis of the drying and decomposition kinetics of wood pyrolysis using non-isothermal thermogravimetric methods**

Ochieng, Richard; **Ceron, Alejandro Lyons; Konist, Alar**; Sarker, Shiplu Energy conversion and management : X 2023 / art. 100424, 12 p. : ill <https://doi.org/10.1016/j.ecmx.2023.100424> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of vapor pressures of 5-Methylresorcinol derivatives by thermogravimetric analysis**

Järvik, Oliver; Rannaveski, Rivo; Roo, Eke; **Oja, Vahur** Thermochimica acta 2014 / p. 198-205 : ill <https://doi.org/10.1016/j.tca.2014.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mineral matter effect on the decomposition of Ca-rich oil shale**

**Maaten, Birgit; Loo, Lauri; Konist, Alar; Siirde, Andres** Journal of thermal analysis and calorimetry 2018 / p. 2087–2091 : ill <https://doi.org/10.1007/s10973-017-6823-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxygen influence on Estonian kukersite oil shale devolatilization and char combustion**

**Loo, Lauri; Maaten, Birgit; Nešumajev, Dmitri; Konist, Alar** Oil shale 2017 / p. 219-231 : ill <https://doi.org/10.3176/oil.2017.3.02> [http://www.ester.ee/record=b1072685\\*est](http://www.ester.ee/record=b1072685*est) [https://artiklid.elnet.ee/record=b2824314\\*est](https://artiklid.elnet.ee/record=b2824314*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**TG-MS analysis and kinetic study of co-combustion of ca-rich oil shale with biomass in air and oxy-like conditions**

**Baqain, Mais Hanna Suleiman; Nešumajev, Dmitri; Konist, Alar** Carbon capture science & technology 2024 / art. 100162 <https://doi.org/10.1016/j.ccst.2023.100162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal decomposition behaviors and kinetic parameter calculations during common reed and its components pyrolysis**

**Xu, Fanfan; Nešumajev, Dmitri; Konist, Alar** Renewable Energy 2025 / art. 123130 <https://doi.org/10.1016/j.renene.2025.123130> <https://www.sciencedirect.com/science/article/pii/S096014812500792X>

**Влияние модифицирующего агента на термические свойства поликонденсационных смол [Электронный ресурс]**

**Jurkeviciute, Ana; Grigorieva, Larisa; Moskvina, K.** Шестьдесят девятая всероссийская научно-техническая конференция студентов, магистрантов и аспирантов высших учебных заведений с международным участием : сборник материалов конференции : электронное издание 2016 / с. 228-231 : ил. [CD-ROM] [http://www.ystu.ru/download/Sbornik\\_materialov\\_69\\_Conf\\_2016.pdf](http://www.ystu.ru/download/Sbornik_materialov_69_Conf_2016.pdf)