

Application of DSC to study the promoting effect of a small amount of high donor number solvent on the solvent swelling of kerogen with non-covalent cross-links in non-polar solvents

Hruljova, Jelena; Oja, Vahur Fuel 2015 / p. 230-235 : ill <https://doi.org/10.1016/j.fuel.2015.01.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ash characterisation formed under different oxy-fuel circulating fluidized bed conditions

Baqain, Mais Hanna Suleiman; Yörük, Can Rüstü; Nešumajev, Dmitri; Järvi, Oliver; Konist, Alar Fuel 2023 / art. 127244 <https://doi.org/10.1016/j.fuel.2022.127244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ash melting behaviour of reed and woody fuels blends

Link, Siim; Yrjäs, Patrik; Lindberg, Daniel; Trikkel, Andres; Mikli, Valdek Fuel 2022 / art. 123051

<https://doi.org/10.1016/j.fuel.2021.123051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calculation of qualitative and quantitative composition of Estonian oil shale and its combustion products. Part 1, Calculation on the basis of heating value

Arro, Hendrik; Prikk, Arvi; Pihu, Tõnu Fuel 2003 / p. 2179-2195

Calculation of qualitative and quantitative composition of Estonian oil shale and its combustion products. Part 2, Calculation on the basis of technical analysis data

Arro, Hendrik; Prikk, Arvi; Pihu, Tõnu Fuel 2003 / p. 2197-2204

Effect of water on the hydrogen bond formation in Estonian kukersite kerogen as revealed by molecular modelling

Lille, Ülo Fuel 2004 / 9, p. 1267-1268

The emissions of NO_x, SO₂, CO and decomposition of carbonates during oxyfuel combustion of low heating value semicoke in CFB pilot facility

Nešumajev, Dmitri; Baqain, Mais Hanna Suleiman; Konist, Alar Fuel 2024 / art. 132563, 10 p. : ill

<https://doi.org/10.1016/j.fuel.2024.132563> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Examination of molecular weight distributions of primary pyrolysis oils from three different oil shales via direct pyrolysis Field Ionization Spectrometry

Oja, Vahur Fuel 2015 / p. 759-765 : ill <https://doi.org/10.1016/j.fuel.2015.07.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of oxy-fuel combustion of Ca-rich oil shale fuel on carbonate stability and ash composition

Konist, Alar; Valtsev, Aleksandr; Loo, Lauri; Pihu, Tõnu; Liira, Martin; Kirsimäe, Kalle Fuel 2015 / p. 671-677 : ill

<https://doi.org/10.1016/j.fuel.2014.09.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interaction of Estonian kukersite with organic solvents : a volumetric swelling and molecular simulation study

Savest, Natalja; Oja, Vahur; Kaevand, Toomas; Lille, Ülo Fuel 2007 / 1/2, p. 17-21

Investigation of fouling and corrosion of low-temperature reheater in a CFBC boiler

Konist, Alar Fuel 2023 / art. 127373, 8 p. : ill <https://doi.org/10.1016/j.fuel.2022.127373> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kukersite oil shale kerogen solvent swelling in binary mixtures

Hruljova, Jelena; Savest, Natalja; Oja, Vahur; Suuberg, Eric M. Fuel 2013 / p. 77-82 : ill <https://doi.org/10.1016/j.fuel.2012.06.085> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecular model of Estonian kukersite kerogen evaluated by ¹³C MAS NMR spectra

Lille, Ülo; Heinmaa, I.; Pehk, Tõnis Fuel 2003 / p. 799-804 : ill <https://www.sciencedirect.com/science/article/pii/S0016236102003587>

Oil shale CFBC ash cementation properties in ash fields

Pihu, Tõnu; Arro, Hendrik; Prikk, Arvi; Rootamm, Rein; Konist, Alar Fuel 2012 / p. 172-180 : ill <https://www.sciencedirect.com/science/article/pii/S0016236111005242>

Ozonation for the chemical modification of carbon surfaces in fly ash

Gao, Y.; Külaots, Indrek Fuel 2001 / 5, p. 765-768 : ill

Probes for measuring heat transfer parameters and fouling intensity in boilers

Paist, Aadu; Poobus, Arvi; Tiikma, Toomas Fuel 2002 / p. 1811-1818 : ill

Review of oil shale semicoke and its combustion utilization

Han, Xiangxin; Külaots, Indrek; Jiang, Xiumin; Suuberg, Eric M. Fuel 2014 / p. 143-161 : ill

Synergy in co-liquefaction of oil shale and willow in supercritical water

Johannes, Ille; Luik, Hans; Palu, Vilja; Kruusement, Kristjan; Gregor, Andre Fuel 2015 / p. 180-187 : ill

<https://doi.org/10.1016/j.fuel.2014.12.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Technical concept and process modeling of a pilot-scale fluidized bed conversion facility

Xu, Fanfan; Nešumajev, Dmitri; Järvik, Oliver; Martins, Ants; Konist, Alar Fuel 2026 / art. 137166

<https://doi.org/10.1016/j.fuel.2025.137166>

Transformation of calcareous oil-shale circulating fluidized-bed combustion boiler ashes under wet conditions

Liira, Martin; Kirsimäe, Kalle; Kuusik, Rein, keemik; Mõtlep, Riho Fuel 2009 / p. 712-718 : ill

<https://www.sciencedirect.com/science/article/pii/S0016236108003268>