

Advances in desulfurization research of liquid fuel

Rang, Heino; Kann, Jüri; Oja, Vahur Oil shale 2006 / 2, p. 164-176 https://artiklid.elnet.ee/record=b2364065*est

Application of a DSC based vapor pressure method for examining the extent of ideality in associating binary mixtures with narrow boiling range oil cuts as a mixture component

Siitsman, Carmen; Oja, Vahur Thermochimica acta 2016 / p. 24-30 : ill <https://doi.org/10.1016/j.tca.2016.05.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of bulk property based correlations to phenolic moieties rich oil

Oja, Vahur; Baird, Zachariah Steven; Järvik, Oliver 28th European Symposium on Applied Thermodynamics ESAT 2015 : June 11-14, 2015, Athens, Greece : book of abstracts 2015 / p. 140

Application of differential scanning calorimetry to study solvent swelling of kukersite oil shale macromolecular organic matter : a comparison with the fine-grained sample volumetric swelling method

Hruljova, Jelena; Järvik, Oliver; Oja, Vahur Energy & fuels 2014 / p. 840-847 : ill <https://doi.org/10.1021/ef401895u> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Application of Knudsen effusion methods to study the vaporization of compounds from complex matrices

Oja, Vahur Proceedings of the 23rd European Symposium on Applied Thermodynamics : Cannes, France, 29 May - 1 June, 2008 2008 / p. 228

Application of thermal analysis to study vaporization parameters of narrow boiling range oil fractions

Oja, Vahur 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 39 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

Application of undefined mixture correlations and FTIR-PLS method to predict thermodynamic properties of hydroxyl group rich Kukersite oil shale derived "synthetic oils"

Baird, Zachariah Steven; Järvik, Oliver; Oja, Vahur X Iberoamerican Conference on Phase Equilibria and Fluid Properties for Process Design : June 28-July 1, 2015, Alicante (Spain) : book of abstracts 2015 / [2] p

Assessment of work environment hazards during shale oil handling

Traumann, Ada; Tint, Piia; Reinhold, Karin; Järvik, Oliver; Oja, Vahur Riga Technical University 53rd International Scientific Conference dedicated to the 150th anniversary and the 1st Congress of World Engineers and Riga Polytechnical Institute/RTU Alumni : 11-12 October 2012, Riga, Latvija : [abstracts] 2012 / p. 459 : ill

ASTM D86 distillation in the context of average boiling points as thermodynamic property of narrow boiling range oil fractions

Rannaveski, Rivo; Listak, Madis; Oja, Vahur Oil shale 2018 / p. 254-264 : ill <https://doi.org/10.3176/oil.2018.3.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biomassi pürolüüsitõrvade (õlide) lenduvus

Oja, Vahur; Hajaligol, Mohammad R. XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 96

A breaf overview of motor fuels from shale oil of kukersite

Oja, Vahur Oil shale 2006 / p. 160-163
https://www.researchgate.net/publication/237236318_A_breif_overview_of_motor_fuels_from_shale_oil_of_Kukersite

Characterization of tars from Estonian kukersite oil shale based on their volatility

Oja, Vahur Journal of analytical and applied pyrolysis 2005 / p. 55-60 : ill

Characterization of thermally pretreated kukersite oil shale using the solvent-swelling technique

Savest, Natalja; Hruljova, Jelena; Oja, Vahur Energy & fuels 2009 / 12, p. 5972-5977: ill

Co-hydrothermal liquefaction of lignocellulosic biomass with kukersite oil shale

Akalin, Ece; Kim, Young-Min; Alper, Koray; Oja, Vahur Energy & fuels 2019 / p. 7424-7435 : ill
<https://doi.org/10.1021/acs.energyfuels.9b01473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of oil shales from different deposits : oil shale pyrolysis and co-pyrolysis with ash

Oja, Vahur; Elenurm, Alfred; Rohtla, Ilme; Tali, Enn; Tearo, Eduard; Yanchilin, Alexey Oil shale 2007 / 2, p. 101-108
https://artiklid.elnet.ee/record=b2374389*est

The composition of kukersite shale oil

Baird, Zachariah Steven; Oja, Vahur; Järvik, Oliver Oil shale 2023 / p. 25-43 : ill <https://doi.org/10.3176/oil.2023.1.02>
https://artiklid.elnet.ee/record=b2903562*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Desulfurization, denitrogenation and deoxygenation of shale oil

Baird, Zachariah Steven; Rang, Heino; Oja, Vahur Oil shale 2021 / p. 137-154 : ill <https://doi.org/10.3176/oil.2021.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of solubility parameters of kukersite oil shale kerogen and kukersite oil shale oils [Electronic resource]

Oja, Vahur; Hruļjova, Jelena 20th International Congress of Chemical and Process Engineering CHISA 2012 : Praha, Czech Republic, 25-29 August 2012 2012 / [CD-ROM] <https://www.etis.ee/Portal/Publications/Display/5cbe1c39-bc3a-4fda-bfce-2a8f98c2c2af>

Determination of vaporization properties and volatile hazardous components relevant to kukersite oil shale derived fuel oil handling

Traumann, Ada; Tint, Piia; Järvik, Oliver; Oja, Vahur Materials science = Medžiagotyra 2014 / p. 351-356 : ill <https://doi.org/10.5755/j01.ms.20.3.4549> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of volatile components from shale fuel oil during handling

Traumann, Ada; Tint, Piia; Järvik, Oliver; Oja, Vahur Integration Challenges for Sustainability : 7th International Conference on Environmental Engineering and Management, 18-21 of September 2013, Vienna, Austria : conference abstracts book 2013 / p. 33-34

Developing a novel method for using thermal analysis to determine average boiling points of narrow boiling range continuous mixtures = Uudse termilise analüüsi meetodi arendamine kitsaste keemispriiridega pidevate segude keskmiste keemispunktide leidmiseks

Rannaveski, Rivo 2018 <https://digi.lib.ttu.ee/i/?10985> https://www.ester.ee/record=b5161022*est

Devoatilization study of the Estonian oil shales

Oja, Vahur 16th International Symposium on Analytical and Applied Pyrolysis : Alicante Spain, 2004 2004

Distribution of hydroxyl groups in kukersite shale oil : quantitative determination using Fourier transform infrared (FT-IR) spectroscopy

Baird, Zachariah Steven; Oja, Vahur; Järvik, Oliver Applied spectroscopy 2015 / p. 555-562 <https://doi.org/10.1366/14-07705>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DSC-based study on kukersite kerogen swelling in binary solvent mixtures

Hruļjova, Jelena; Oja, Vahur TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Eesti Elektrijsaama hüdraulilise tuhaarastussüsteemi ringlusvee keemilis-tehniline iseloomustus ja tema korrosiooniaktiivsus

Rohtla, Ilme; Elenurm, Alfred; Oja, Vahur XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 98-99

Eesti põlevkivi kerogeeni pundumine lahustites

Savest, Natalja; Oja, Vahur XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 100

Eesti põlevkivide pundumine lahustites : termokeemilise konversiooni mõju pundumisprotsessile

Savest, Natalja; Kilk, Kristel; Oja, Vahur XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 72

Energeetika : põlevkiviõli ehk mitte ainult juhtmeid pidi põlevkivi küljes

Oja, Vahur; Elenurm, Alfred Horisont 2011 / 4, lk. 34-39 : ill https://artiklid.elnet.ee/record=b2423131*est

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](#)

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](#)

Extension of the DSC method to measuring vapor pressures of narrow boiling range oil cuts

Siitsman, Carmen; Oja, Vahur Thermochimica acta 2015 / p. 31-37 : ill <https://doi.org/10.1016/j.tca.2015.04.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Extension of the DSC method to measuring vapor pressures of narrow boiling range oil cuts = DSC meetodi arendamine õlide kitsaste keemistemperatuuri vahemikega fraktsioonide aururõhu mõõtmiseks

Siitsman, Carmen 2018 <https://digi.lib.ttu.ee/i/?10063> https://www.ester.ee/record=b5144509*est

Extension of the DSC method to measuring vapor pressures of narrow boiling range oil cuts [Online resource]

Siitsman, Carmen; Oja, Vahur Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Heat capacities of kukersite oil shale in comparison with available data of other oil shales

Savest, Natalja; Oja, Vahur 19th European Conference on Thermophysical Properties : Thessaloniki, Greece, August 28-September 1 2011 / p. 287

Heat capacity of kukersite oil shale : literature overview

Savest, Natalja; Oja, Vahur Oil shale 2013 / p. 184-192 : ill https://artiklid.elnet.ee/record=b2621584*est <https://doi.org/10.3176/oil.2013.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heat of combustion of oxygen containing shale oil

Järvik, Oliver; Oja, Vahur; Baird, Zachariah Steven; Yanchilin, Alexey Chemical engineering and biochemical engineering for a new sustainable process industry in Europe : ECCE10+ECAB3+EPIC5 : September 27th - October 1st 2015, Nice, France : abstract book 2015 / p. 1464

How unreliable are petroleum derived correlations for predicting thermodynamic properties of kukersite oil, which are needed in process design and environmental risk assessment?

Oja, Vahur International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 43-44

Hydrogen solubility of shale oil containing polar phenolic compounds

Baird, Zachariah Steven; Uusi-Kyyry, Petri; Oja, Vahur; Alopaeus, Ville Industrial and engineering chemistry research 2017 / p. 8738-8747 : ill <https://doi.org/10.1021/acs.iecr.7b00966> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improvement of work environment through modelling the prevention of health risks focusing on indoor pollutants =

Töökeskonna parendamine tööruumi siseõhu saasteainete poolt põhjustatud terviseriskide hindamise kaudu
Traumann, Ada 2014 https://www.ester.ee/record=b3082201*est

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

Is it time to improve the status of oil shale science? : editor's page

Oja, Vahur Oil shale 2007 / 2, p. 97-99 https://artiklid.elnet.ee/record=b2374451*est

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](#)

Kukersite oil shale solvent swelling : swelling equilibrium in binary mixtures

Hruljova, Jelena; Oja, Vahur; Savest, Natalja; Suuberg, Eric M. International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 95-96 http://www.ester.ee/record=b4775098*est

Management of health hazards during shale oil handling

Traumann, Ada; Tint, Piia; Järvik, Oliver; Oja, Vahur Agronomy research 2013 / p. 479-486 : ill <https://agronomy.emu.ee/vol112/p11224.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Molecular weight distribution of industrial shale oils

Järvik, Oliver; Oja, Vahur International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 43

Molecular weight distributions and average molecular weights of pyrolysis oils from oil shales : literature data and measurements by size exclusion chromatography (SEC) and atmospheric solids analysis probe mass spectroscopy (ASAP MS) for oils from four different deposits

Järvik, Oliver; Oja, Vahur Energy & fuels 2017 / p. 328-339 : ill <https://doi.org/10.1021/acs.energyfuels.6b02452> [Journal metrics at](#)

Molecular weight parameters of oil shale pyrolysis products

Oja, Vahur Energy & Fuels Preprints : presented at the 246th ACS National Meeting & Exhibition 2013 2013 / p. 656-657

Molecular weight parameters of oil shale pyrolysis products

Oja, Vahur 246th ACS National Meeting and Exposition, September 8-12, 2013, Indianapolis, Indiana : [book of abstracts] 2013 / [1] p

Multivariate models based on infrared spectra as a substitute for oil property correlations to predict thermodynamic properties : evaluated on the basis of the narrow-boiling fractions of Kukersite retort oil

Baird, Zachariah Steven; Oja, Vahur Oil shale 2022 / p. 20-36 <https://doi.org/10.3176/oil.2022.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new method for determining average boiling points of narrow boiling range oil fractions using a thermogravimetric analyzer

Rannaveski, Rivo; Järvi, Oliver; Oja, Vahur 22nd International Congress of Chemical and Process Engineering : CHISA 2016 Prague : 27-31 August 2016, Prague, Czech Republic : volume 1 2016 / p. 729-730

A new method for determining average boiling points of oils using a thermogravimetric analyzer : application to unconventional oil fractions

Rannaveski, Rivo; Järvi, Oliver; Oja, Vahur Journal of thermal analysis and calorimetry 2016 / p. 1679-1688 : ill <https://doi.org/10.1007/s10973-016-5612-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new thermogravimetric application for determination of vapour pressure curve corresponding to average boiling points of oil fractions with narrow boiling ranges

Rannaveski, Rivo; Oja, Vahur Thermochimica acta 2020 / art. 178468, 7 p. : ill <https://doi.org/10.1016/j.tca.2019.178468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale processing, chemistry and technology

Oja, Vahur; Suuberg, Eric M. Encyclopedia of sustainability science and technology 2012 / p. 7457-7491

Oil shale processing, chemistry and technology

Oja, Vahur; Suuberg, Eric M. Fossil energy : selected entries from the encyclopedia of sustainability science and technology 2013 / 99-148 http://dx.doi.org/10.1007/978-1-4614-5722-0_5

Oil shale processing, chemistry, and technology

Oja, Vahur; Suuberg, Eric M. Fossil Energy : A Volume in the Encyclopedia of Sustainability Science and Technology, Second Edition 2020 / p. 47-83 https://doi.org/10.1007/978-1-4939-9763-3_102

Physical and thermodynamic properties of kukersite pyrolysis shale oil : literature overview

Oja, Vahur; Rooleht, Ruth; Baird, Zachariah Steven Oil shale 2016 / p. 184-197 : ill <https://doi.org/10.3176/oil.2016.2.06> https://artiklid.elnet.ee/record=b2778471*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physical and thermodynamic properties of phenol-rich oil from oil shale : application of correlations based on bulk properties

Oja, Vahur; Järvi, Oliver; Baird, Zachariah Steven; Rannaveski, Rivo PetroPhase 2016 : Elsinore, Denmark, 19-23 June 2016 2016 / p. 99 http://petrophase2016.com/wp-content/uploads/2016/06/PetroPhase2016_ConferenceBook.pdf

Pluses and minuses of thermal analysis for determining vapour pressure of narrow boiling range oil fractions

Siitsman, Carmen; Oja, Vahur 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / PS2.031, p. 397 <http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf>

Predicting fuel properties from infrared spectra = Kütuse omaduste hindamine infrapunasppektrilt

Baird, Zachariah Steven 2017 <https://digi.lib.ttu.ee/i/?8530> https://www.ester.ee/record=b4689447*est

Predicting fuel properties using chemometrics : a review and an extension to temperature dependent physical properties by using infrared spectroscopy to predict density

Baird, Zachariah Steven; Oja, Vahur Chemometrics and intelligent laboratory systems 2016 / p. 41-47 : ill <https://doi.org/10.1016/j.chemolab.2016.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prediction of pour points of kukersite shale oil : influence of phenols on pour point

Baird, Zachariah Steven; Oja, Vahur; Järvi, Oliver Chemical engineering and biochemical engineering for a new sustainable process industry in Europe : ECCE10+ECAB3+EPIC5 : September 27th - October 1st 2015, Nice, France : abstract book 2015 / p. 1466

Properties of kukersite shale oil

Järvik, Oliver; Baird, Zachariah Steven; Rannaveski, Rivo; Oja, Vahur Oil shale 2021 / p. 265-294

<https://doi.org/10.3176/oil.2021.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Põlevkivi ja kummijäätmete termiline töötlemine tahke soojuskandjaga utteseadmes

Oja, Vahur; Elenurm, Alfred; Rohtla, Ilme Eesti Põlevloodusvarad ja -jäätmad 2005 / lk. 27-28 : ill

https://www.ester.ee/record=b1803882*est

Põlevkivi uttetõrvade aurustusvõime uurimine

Soodla, Merike; Orle, Merle; Oja, Vahur XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian

Chemistry Days : abstracts of scientific conference 2001 / lk. 127

Recycling of waste plastic via co-processing with kukersite oil shale

Elenurm, Alfred; Oja, Vahur; Rohtla, Ilme International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy

solutions : come and share your vision! 2009 / p. 68 http://www.ester.ee/record=b4775098*est

Role of specifically interacting solvents in solvent swelling of kukersite oil shale kerogen = Spetsiifiliste vastasmõjudega lahustite roll kukersiitse põlevkivi kerogeeni pundumises

Hruljova, Jelena 2014 https://www.ester.ee/record=b3088095*est

Screening of the extent of ideality in hydroxyl group rich Kukersite oil shale derived "synthetic crude oils"

Siitsman, Carmen; Oja, Vahur IUPAC Conference on Chemical Thermodynamics (ICCT-2014) : Durban, South Africa, 27 July-1

August 2014 : abstracts 2014

Solvent swelling of dictyonema oil shale

Kilk, K.; Savest, Natalja; Hruljova, Jelena; Tearo, Eduard; Kamenev, Sven; Oja, Vahur Oil shale 2010 / 1, p. 26-36 : ill

https://artiklid.elnet.ee/record=b1966260*est

Solvent swelling of Dictyonema oil shale : low temperature heat-treatment caused changes in swelling extent

Kilk, Kristel; Savest, Natalja; Yanchilin, Alexey; Kellogg, Diane S.; Oja, Vahur Journal of analytical and applied pyrolysis 2010 / 2, p. 261-264 : ill

Solvent swelling of Estonian oil shales : low temperature thermochemical conversion caused changes in swelling

Savest, Natalja; Oja, Vahur 2010 https://www.ester.ee/record=b2560850*est

Solvent swelling of kukersite oil shale macromolecular organic matter in binary mixtures : impact of specifically interacting solvents

Hruljova, Jelena; Savest, Natalja; Yanchilin, Alexey; Oja, Vahur; Suuberg, Eric M. Oil shale 2014 / p. 365-376 : ill

https://artiklid.elnet.ee/record=b2704126*est <https://doi.org/10.3176/oil.2014.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solvent swelling thermodynamics of kukersite and dictyonema kerogens

Hruljova, Jelena; Savest, Natalja; Kilk, K.; Oja, Vahur Book of abstracts of the VIII Iberoamerican Conference on Phase Equilibria and Fluid Properties for Process Design : 17-21 October, Praia da Rocha, Portugal [2009] / p. 128

Studies on kukersite oil shale kerogen solvent swelling by differential scanning calorimetry (DSC)

Hruljova, Jelena; Järvik, Oliver; Oja, Vahur 11th Mediterranean Conference of Calorimetry and Thermal Analysis (MEDICTA 2013) : Athens, Greece, 12-15 June, 2013 2013

Sublimation study of solid hydroxyl-containing coumarins and their derivatives

Oja, Vahur 18th IUPAC International conference on Chemical Thermodynamics : August 17-21, 2004, Beijing, China 2004

A sublimation study of sterols

Oja, Vahur; Waymack, B.; Hajaligol, Mohammad; Chen, Xu Abstracts of Scientific Conference Thermodynamics 2005 : 19th meeting 2005 / p. 122

Sublimation thermodynamic parameters for cholesterol, ergosterol, [beeta]-sitosterol, and Stigmasterol

Oja, Vahur; Chen, Xu; Hajaligol, Mohammad R.; Chan, W. Geoffrey Journal of chemical & engineering data 2009 / p. 730-734

<https://pubs.acs.org/doi/full/10.1021/je800395m>

Surface tensions of phenolic mixture separated from kukersite oil shale oil

Albert, Tiina; Oja, Vahur Thermodynamics'2019 : the 26th conference. 26-28 June 2019 : abstract book 2019 / p. 265

http://filico.dfa.uhu.es/thermodynamics2019/Thermodynamics2019_definitive_BoA_170x240+3.pdf

Surface tensions of phenolic moieties rich narrow boiling range distillation cuts from kukersite oil shale based crude oil

Albert, Tiina; Baird, Zachariah Steven; Oja, Vahur ECTP2014 - 20th European Conference on Thermophysical Properties : Porto, Portugal, August 31st-September 4th 2014 : abstracts 2014 / [1] p

Temperature and pressure dependence of density of a shale oil and derived thermodynamic properties

Baird, Zachariah Steven; Uusi-Kyyny, Petri; Järvi, Oliver; **Oja, Vahur**; Alopaeus, Ville Industrial & engineering chemistry research 2018 / p. 5128-5135 <https://doi.org/10.1021/acs.iecr.7b05018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Faculty of Chemical and Materials Technology 2012-2013

2014 https://www.ester.ee/record=b3078114*est

The vaporization of semi-volatile compounds during tobacco pyrolysis

Oja, Vahur; Hajaligol, Mohammad; Waymack, Bruce Journal of analytical and applied pyrolysis 2006 / 1/2, p. 117-123 : ill <https://www.sciencedirect.com/science/article/pii/S0165237005001646>

Thermal processes of dictyonema argillite and kukersite oil shale : transformation and distribution of sulfur compounds in pilot-scale Galoter process

Elenurm, Alfred; Oja, Vahur; Tali, Enn; Tearo, Eduard; Yanchilin, Alexey Oil shale 2008 / 3, p. 328-334 https://www.researchgate.net/publication/237250986_Thermal_processing_of_dictyonema_argillite_and_kukersite_oil_shale_Transformation_and_distribution_of_sulfur_compounds_in_pilot-scale_galoter_process

Thermal processing of polyvinylchloride waste with oil shale ash to capture chloride

Oja, Vahur; Elenurm, Alfred; Rohtla, Ilme; Tearo, Eduard; Tali, Enn Oil shale 2008 / 2, p. 203-208 https://www.researchgate.net/publication/252826875_Thermal_processing_of_polyvinylchloride_waste_with_oil_shale_ash_to_capture_chloride

Thermal swelling behavior during pyrolysis of estonian oil shale kukersite

Oja, Vahur; Yanchilin, Alexey; Kan, Tao; Strezov, V. 20th International Symposium on Analytical and Applied Pyrolysis : PYRO 2014 : 19-23 May 2014, Birmingham, UK : conference guide and abstracts 2014 / p. 82

Thermally pre-treated kukersite oil shale characterization : swelling solvents

Savest, Natalja; Hruļjova, Jelena; Oja, Vahur International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 65-66 http://www.ester.ee/record=b4775098*est

Thermodynamic and transport properties of liquid products from oil shale pyrolysis

Oja, Vahur Abstracts of the XIX International Conference on Chemical Thermodynamics in Russia (RCCT-2013) : Moscow, June 24–28, 2013 2013 / p. 13

Thermo-swelling behavior of Kukersite oil shale : commercial grade oil shale compared to its kerogen

Oja, Vahur; Yanchilin, Alexey; Kan, Tao; Strezov, Vladimir Journal of thermal analysis and calorimetry 2015 / p. 1163-1169 : ill <https://doi.org/10.1007/s10973-014-4258-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜs saab teha paremini keemilis-tehnilisi analüüse : [tutvustab Vahur Oja]

Oja, Vahur Elektriala 2012 / lk. 29 : portr

Unconventional use of a DSC based vapor pressure method for examining the extent of ideality in associating binary mixtures composed of narrow boiling range oil cuts

Siitsman, Carmen; Oja, Vahur 22nd International Congress of Chemical and Process Engineering : CHISA 2016 Prague : 27-31 August 2016, Prague, Czech Republic : Volume 2 2016 / p. 740-741

Uus labor : [IV korpuse teisel korraldusel paikneb keemiatehnika instituudi keemiatehnika ja kütuste teaduslaboratoorium : ka keemiatehnika instituudi direktori Vahur Oja kommentaarid]

Aru, Erik; **Oja, Vahur** Mente et Manu 2012 / lk. 9 : fot https://www.ester.ee/record=b1242496*est

Vapor liquid equilibrium in polycyclic aromatic compound mixtures and in coal tars

Oja, Vahur; Suuberg, Eric M. Heavy hydrocarbon resources : characterization, upgrading and utilization 2005 / p. 113-122

Vapor liquid equilibrium in polycyclic aromatic compound mixtures and in coal tars [Electronic resource]

Oja, Vahur; Suuberg, Eric M. The 25th ASC National meeting : New Orleans, LA, 2003 2003 / [CD-ROM] https://www.researchgate.net/publication/228753390_Vapor_Liquid_Equilibrium_in_Polycyclic_Aromatic_Compound_Mixtures_and_in_Coal_Tars

Vapor pressure characterization of several phenolics and polyhydric compounds by Knudsen effusion method

Chen, Xu; **Oja, Vahur**; Chan, W. Geoffrey; Hajaligol, Mohammad R. Journal of chemical and engineering data 2006 / 2, p. 386-391 : ill <https://pubs.acs.org/doi/10.1021/je050293h>

Vapor pressure data of nicotine, anabasine and cotinine using differential scanning calorimetry

Siitsman, Carmen; Kamenev, Inna; Oja, Vahur Thermochimica acta 2014 / p. 35-42 : ill <https://doi.org/10.1016/j.tca.2014.08.033>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vapor pressure measurements of tobacco pyrolysis tar by a non-isothermal Knudsen effusion method

Shim, Hong-Shing; **Oja, Vahur**; Hajaligol, Mohammad Journal of analytical and applied pyrolysis 2003 / p. 183-190 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0165237002001134>

Vapor pressures of coal tars and model aromatic systems [Electronic resource]

Oja, Vahur; Suuberg, Eric M. Fuel chemistry preprints : [papers presented at the National meeting of the American Chemical Society] 2006 / 2, Papers presented at the San Francisco, CA meeting, p. 729-730 [CD-ROM]

Vapor pressures of kukersite oil shale primary pyrolysis tars

Oja, Vahur Summaries 2 : Separation Processes : 7th European Congress of Chemical Engineering. 19th International Congress of Chemical and Process Engineering CHISA 2010 2010 / p. 649

Vapor pressures of narrow gasoline fractions of oil from industrial retorting of Kukersite oil shale

Mozaffari, Parsa; Baird, Zachariah Steven; Listak, Madis; Oja, Vahur Oil shale 2020 / p. 287-303 : tab
<https://doi.org/10.3176/oil.2020.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vaporization parameters of primary pyrolysis oil from kukersite oil shale

Oja, Vahur Oil shale 2015 / p. 124-133 : ill https://artiklid.elnet.ee/record=b2727432*est <https://doi.org/10.3176/oil.2015.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vaporization related properties of pyrolysis oils/tars from kukersite oil shale

Oja, Vahur; Yanchilin, Alexey International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 72 http://www.ester.ee/record=b4775098*est

Vapour pressure data for 2-n-propylresorcinol, 4-ethylresorcinol and 4-hexylresorcinol near their normal boiling points measured by differential scanning calorimetry

Astra, Hanna-Liina; Oja, Vahur The journal of chemical thermodynamics 2019 / p. 119-126 : ill <https://doi.org/10.1016/j.jct.2019.03.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Viscosity data for kukersite shale gasoline fractions

Baird, Zachariah Steven; Yanchilin, Alexey; Oja, Vahur; Järvik, Oliver Oil shale 2022 / p. 241-251
<https://doi.org/10.3176/oil.2022.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Yields and the selected physicochemical properties of thermobitumen as an intermediate product of the pyrolysis of Kukersite oil shale

Astra, Hanna-Liina; Albert, Tiina; Mozaffari, Sepehr; Järvik, Oliver; Yanchilin, Alexey; Kamenev, Sven; Karagöz, Selhan; Oja, Vahur Oil shale 2021 / p. 295-316 <https://doi.org/10.3176/oil.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)