

### **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](#)

### **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](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](#)

### **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 <http://dx.doi.org/10.1366/14-07705>

### **Economic sustainability of Estonian shale oil industry until 2030**

**Kallemets, Kalev** Oil shale 2016 / p. 272-289 : ill <https://doi.org/10.3176/oil.2016.3.06> [https://artiklid.elnet.ee/record=b2798383\\*est](https://artiklid.elnet.ee/record=b2798383*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Effect of different temperature-time combinations in kerogen pyrolysis to thermobitumen and oil**

**Šarajeva, Galina; Luik, Lea; Luik, Hans** International journal of environmental engineering 2015 / p. 174-181 : ill <http://seekdl.org/nm.php?id=5785>

### **Effect of different temperature-time combinations in kerogen pyrolysis to thermobitumen and oil**

**Šarajeva, Galina; Luik, Lea; Luik, Hans** 2014 proceedings of Second International Conference On Advances in Applied Science and Environmental Engineering : 20-21 December, 2014, Kuala Lumpur, Malaysia 2014 / p. 40-47 : ill

### **Gas-chromatographic determination of sulfur compounds in the gasoline fractions of shale oil and oil obtained from used tires**

**Pihl, Olga; Niidu, Allan; Merkulova, Nadežda; Fomitšov, Mihhail; Siirde, Andres; Tšepelevitš, Maria** Oil shale 2019 / p. 188-196 : ill [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-188-196.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-188-196.pdf) <https://doi.org/10.3176/oil.2019.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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 oils using a thermogravimetric analyzer : application to unconventional oil fractions**

**Rannaveski, Rivo; Järvik, 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](#)

### **Phenols to pores to adsorption : a potential route towards new methods for extracting value from shale oil side stream**

**Niidu, Allan** Oil shale 2019 / p. 128-141 [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-128-141.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf)

### **A potential route towards new methods for extracting value from shale oil side stream**

**Niidu, Allan** Oil shale 2019 / p. 128-141 : ill [http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_2S/OS-2019-2S-128-141.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf) <https://doi.org/10.3176/oil.2019.2S.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Prediction of surface tension of heteroatom-rich fuel fractions from pyrolysis of oil shale**

**Järvik, Oliver** Jordanian Journal of Engineering and Chemical Industries (JJECI) 2023 / p. 26-33 <https://doi.org/10.48103/jjeci652023>

### **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](#)

### **Solid heat carrier oil shale retorting technology with integrated CFB technology**

**Nešumajev, Dmitri; Pihu, Tõnu; Siirde, Andres; Järvik, Oliver; Konist, Alar** Oil shale 2019 / p. 99–113 : ill  
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**Why is education in environmental safety so important?**

**Traumann, Ada; Siirak, Virve; Tint, Piia** Environmental engineering and management journal 2012 / p. 2065-2072