

### **Analysis of cyclic sulfur mustard degradation products in water samples by HPLC and CE**

Lees, Heidi; Avarlaid, Annela; Vaher, Merike; Kaljurand, Mihkel 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 75 : ill [http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts\\_Book\\_EcoBalt\\_2016.pdf](http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf)

### **Analysis of sulfur mustard hydrolysis and oxidation products in seawater and sediments by capillary electrophoresis**

Lees, Heidi; Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria; Kaljurand, Mihkel Science for the Environment 2015 : Aarhus, Denmark, 1-2 October : [abstracts] 2015 / [1] p <http://dce-conference.au.dk/abstracts/>

### **Analysis of thiodiglycol and its oxidation products in sediments by capillary electrophoresis**

Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-55

### **Characterization and enhancement of oil shale fly ash from CFB boiler**

Pikkor, Heliis; Järvi, Oliver; Lees, Heidi; Konist, Alar; Siirde, Andres; Maaten, Birgit 6th International Conference on Smart and Sustainable Technologies, SpliTech 2021 2021 / p. 1-4 <https://doi.org/10.23919/SpliTech52315.2021.9566470>

### **Characterization of oil shale kerogen semi-coke and its application to remove chemical pollutants from aqueous solutions**

Lees, Heidi; Jõul, Piia; Pikkor, Heliis; Järvi, Oliver; Mets, Birgit; Konist, Alar Oil shale 2023 / p. 115-132 : ill <https://doi.org/10.3176/oil.2023.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chemical analysis of dumped chemical warfare agents during the MODUM project**

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### **Comparison of the ecotoxic properties of oil shale industry by-products to those of coal ash**

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### **Computational results of the ecotoxic analysis of fly and bottom ash from oil shale power plants and shale oil production facilities**

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### **Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis**

Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Tretjakova, Anastassija; Kulp, Maria; Vaher, Merike 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 38 [http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts\\_Book\\_EcoBalt\\_2016.pdf](http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf)

### **Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis**

Kaljurand, Mihkel; Mazina, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Špiljova, Anastassija; Kulp, Maria; Vaher, Merike ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. L-36

### **Development and comparison of HPLC and MEKC methods for the analysis of cyclic sulfur mustard degradation products**

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### **Development of analysis methods to detect the use of explosives and chemical warfare agents = Analüüsimetoodikate arendamine keemiareelva- ja lõhkeainete kasutamise tuvastamiseks**

Lees, Heidi 2018 <https://digi.lib.ttu.ee/i/?10379> [https://www.ester.ee/record=b5148514\\*est](https://www.ester.ee/record=b5148514*est)

### **Development of HPLC and MEKC methods for the analysis of sulfur mustard cyclic degradation products**

Lees, Heidi; Kaljurand, Mihkel; Vaher, Merike 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 255

### **Effect of steam activation on oil shale semi-coke surface properties**

**Pikkor, Heliis; Konist, Alar; Maaten, Birgit; Järvik, Oliver; Lees, Heidi** International Multidisciplinary Conference on Computer and Energy Science (SpliTech) 2021 / 5 p <https://doi.org/10.23919/SpliTech52315.2021.9566397>

### **Effect of woody biomass gasification process conditions on the composition of the producer gas**

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### **Preparation and characterization of lignin-derived carbon aerogels**

**Jõul, Piia; Järvik, Oliver; Lees, Heidi; Kallavus, Urve; Koel, Mihkel; Lukk, Tiit** Frontiers in chemistry 2023 / art. 1326454 <https://doi.org/10.3389/fchem.2023.1326454> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Lees, Heidi; Jõul, Piia; Siilak, Kristel; Vaher, Merike** Separation science plus 2020 / p. 313-320 <https://doi.org/10.1002/sscp.202000016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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### **Steam activation of oil shale to enhance the porosity of produced semicoke**

**Pikkor, Heliis; Lees, Heidi; Konist, Alar; Järvik, Oliver; Maaten, Birgit** Energy Sources, Part A : Recovery, Utilization, and Environmental Effects 2022 / p. 9064-9073 <https://doi.org/10.1080/15567036.2022.2128471> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Lees, Heidi; Zapata, Felix; Vaher, Merike; García-Ruiz, Carmen** Science & Justice 2018 / p. 415-424 <https://doi.org/10.1016/j.scijus.2018.07.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Surface area of oil shale and its solid pyrolysis products depending on the particle size**

**Pikkor, Heliis; Maaten, Birgit; Baird, Zachariah Steven; Järvik, Oliver; Konist, Alar; Lees, Heidi** Chemical engineering transactions 2020 / p. 961-966 <https://doi.org/10.3303/CET2081161> [Journal metrics at Scopus](#) [Article at Scopus](#)

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**Pikkor, Heliis; Lees, Heidi; Maaten, Birgit; Järvik, Oliver; Konist, Alar** Chemical engineering transactions 2020 / p. 853-858 : ill <https://doi.org/10.3303/CET2081143> [Journal metrics at Scopus](#) [Article at Scopus](#)