Aasta insener 2023 Mirko Arras : insenerina saab maailma paremaks muutmiseks palju ära teha
Vill, Ants visionest.institute 2024 Aasta insener 2023 Mirko Arras : insenerina saab maailma paremaks muutmiseks palju ära teha

Ahvatlevate üliodavate vidinate küljes ripub tegelikult palju raskem hinnasilt
Ummik, Mari-Liis postimees.ee 2024 Ahvatlevate üliodavate vidinate küljes ripub tegelikult palju raskem hinnasilt

Alar Konist: Eesti ei tohiks kergekäeliselt loobuda oma tootmisvõimsusest
Konist, Alar postimees.ee 2022 "Alar Konist: Eesti ei tohiks kergekäeliselt loobuda oma tootmisvõimsusest"

Alar Konist: Eesti heitenormid on Euroopaga võrreldes karmimad
err.ee 2024 Alar Konist: Eesti heitenormid on Euroopaga võrreldes karmimad

Alar Konist: kas põlevkivienergeetikal on tulevikku?
Konist, Alar err.ee 2023 Alar Konist: kas põlevkivienergeetikal on tulevikku?

Alar Konist: nutikad lahendused Eesti energiatuleviku kujundamiseks
Konist, Alar delfi.ee 2025 https://arileht.delfi.ee/artikkel/120376166/alar-konist-nutikad-lahendused-eesti-energiatuleviku-kujundamiseks

Alar Konist: rohelepe ei tohiks põlevkivi välistada [Võrguväljaanne]
postimees.ee 2021 "Alar Konist: rohelepe ei tohiks põlevkivi välistada"

Alcoholysis of primary amides in the presence of CF3SO3H
Mastitski, Anton; Vellemäe, Eerold; Smorodina, Varvara; **Konist, Alar**; Järv, Jaak Organic preparations and procedures international 2023 / p. 458-468 : ill https://doi.org/10.1080/00304948.2023.2184997 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Algas tulevaste inseneride ja energeetikute suvelaager Enerhack
toostusuudised.ee 2024 Algas tulevaste inseneride ja energeetikute suvelaager Enerhack

Algorithm for life cycle inventory of medical waste treatment technologies emphasizing the role of treatment efficiency
Gušča, Julija; Kuznecova, Inga; Kalnins, Silvija Nora Energy procedia 2017 / p. 423-427 : ill
https://doi.org/10.1016/j.egypro.2017.04.028

An analysis of hybrid renewable energy system using HOMER Pro: a case study in Sungai Tiang Camp, Perak
Fadzli, Nur Farzana Athirah Mohd; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Ismail, Zubir Ahmad Mohd; **Sukumaran, Sreenath** Journal of advanced research in applied sciences and engineering technology 2023 / p. 79-92 : ill https://doi.org/10.37934/araset.31.3.7992 Journal metrics at Scopus Article at Scopus

Analysis of the options of modernization of roller-bit drilling machines with a submersible steamer
Yungmeister, Dmitry A.; **Krupenski, Igor**; Lavrenko, Sergey A. Journal of Mining Institute 2018 / p. 321 - 325
https://doi.org/10.25515/pmi.2018.3.321 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Analytical methods for determination of sulfur content in oil shale
Pikkor, Heliis 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 213-215 : ill http://www.ester.ee/record=b4650094*est

Analytical Quality by Design in Environmental Analysis = Analüütilise disainiruumi kontseptsiooni rakendamine saasteainete pinnases määramise meetodi väljatöötamisel
Jurjeva, Jelena 2025 https://www.ester.ee/record=b5758848*est https://digikogu.taltech.ee/et/Item/365bb698-bf6e-4768-8d60-31737d61ce10
https://doi.org/10.23658/taltech.65/2025

Anna Volkova, Siim Umbleja: olge valmis! Renoveerimislaine harjal tuleb kaugkütte kõrvale ka kaugjahutus
Volkova, Anna; Umbleja, Siim epl.delfi.ee 2023 Anna Volkova, Siim Umbleja: olge valmis! Renoveerimislaine harjal tuleb kaugkütte kõrvale ka kaugjahutus

Application of the concept of design space in method development for the determination of contaminants in soil
Jurjeva, Jelena; **Koel, Mihkel** Proceedings of the Estonian Academy of Sciences 2025 / p. 71-81
https://doi.org/10.3176/proc.2025.1.07

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

Applying the correction for undecomposed carbonates to gross calorific values of oil shales from different deposits

Pihl, Olga; **Tšepelevitš, Maria**; **Burko, Maria**; **Siirde, Andres** Oil shale 2019 / p. 250–256 : ill http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-250-256.pdf https://doi.org/10.3176/oil.2019.2S.13 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ash and flue gas from oil shale oxy-fuel circulating fluidized bed combustion
Loo, Lauri; **Konist, Alar**; **Nešumajev, Dmitri**; **Pihu, Tõnu**; **Maaten, Birgit**; **Siirde, Andres** Energies 2018 / art. 1218, 12 p. : ill https://doi.org/10.3390/en11051218 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**; **Järvik, 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 wheat straw blends with wood and reed
Link, Siim; Yrjas, Patrik; Hupa, Leena Renewable Energy 2018 / p. 11-20 : ill https://doi.org/10.1016/j.renene.2017.09.050 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessing near-bottom velocity field using an experimental particle image velocimeter
Buschmann, Fred; **Erm, Ants**; **Listak, Madis** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 317 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

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

Bifunctional multi-metallic nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol
Kisand, Kaarel; Sarapuu, Ave; Kikas, Arvo; Kisand, Vambola; Rähn, Mihkel; Treshchalov, Alexey; Käärik, Maike; Piirsoo, Helle-Mai; Aruväli, Jaan; **Paiste, Päärn** Electrochemistry communications 2021 / art. 106932 https://doi.org/10.1016/j.elecom.2021.106932 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction
Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit**; **Kriis, Kadri**; **Kanger, Tõnis**; **Tõnsuaadu, Kaia**; Badraoui, Bechir Tetrahedron 2017 / p. 6542-6548 : ill https://doi.org/10.1016/j.tet.2017.09.051 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Calculation analysis of shale oil and power cogeneration
Lausmaa, Toomas; **Ots, Arvo**; **Poobus, Arvi**; **Dedov, Andrei** Oil shale 2019 / p. 19-31 : ill https://doi.org/10.3176/oil.2019.1.02 http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-19-31.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Calculations of activation energy and frequency factors for corn leafs pyrolysis using excel solver: new concept
Al-Ayed, Omar Salim; Amer, Mohammad Waleed; **Maaten, Birgit**; Ahmed, Muhammad Sajjad International journal of chemical reactor engineering 2021 / p. 799−807 https://doi.org/10.1515/ijcre-2020-0140 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Carbon dioxide emission factors for oxy-fuel CFBC and aqueous carbonation of the Ca-rich oil shale ash
Loo, Lauri; **Maaten, Birgit**; **Konist, Alar**; **Siirde, Andres**; **Nešumajev, Dmitri**; **Pihu, Tõnu** Energy procedia 2017 / p. 144-149 : ill https://doi.org/10.1016/j.egypro.2017.09.034 Conference proceedings at Scopus Article at Scopus Article at WOS

Carbon dioxide sequestration in power plant Ca-rich ash waste deposits
Leben, Kristjan; **Mõtlep, Riho**; **Konist, Alar**; **Pihu, Tõnu**; **Kirsimäe, Kalle** Oil shale 2021 / p. 65–88 : ill https://doi.org/10.3176/oil.2021.1.04 https://kirj.ee/wp-content/plugins/kirj/pub/OS-1-2021-65-88_20210222125803.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cascade sub-low temperature district heating networks in existing district heating systems
Volkova, Anna; Reuter, Stefan; Puschnigg, Stefan Smart Energy 2022 / art. 100064 https://doi.org/10.1016/j.segy.2022.100064 Journal metrics at Scopus Article at Scopus Article at WOS

Case-study analysis of concrete large-panel apartment building at pre- and post low-budget energy-renovation
Kuusk, Kalle; **Kalamees, Targo**; **Link, Siim**; **Ilomets, Simo**; **Mikola, Alo** Journal of civil engineering and management 2017 / p. 67-75 : ill https://doi.org/10.3846/13923730.2014.975741 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Challenges, benefits, and open questions in data-driven commercial building cooling optimization
Sukhanov, Ivan; **Volkova, Anna**; **Köse, Ahmet**; Hani, Allan; **Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024

2024 / art. 06003 https://doi.org/10.1051/e3sconf/202456206003

Changes in trace element contents in ashes of oil shale fueled PF and CFB boilers during operation
Reinik, Janek; Irha, Natalya; Steinnes, Eiliv; Urb, Gary; Jefimova, Jekaterina; Piirisalu, Eero; **Loosaar, Jüri** Fuel Processing Technology 2013 / p. 174 - 181 https://doi.org/10.1016/j.fuproc.2013.06.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization and enhancement of oil shale fly ash from CFB boiler
Pikkor, Heliis; **Järvik, 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 different wood species as potential feedstocks for gasification
Sulg, Mari; **Konist, Alar**; **Järvik, Oliver** Agronomy research 2021 / p. 276-299 https://doi.org/10.15159/AR.21.005 Journal metrics at Scopus Article at Scopus

Characterization of oil shale kerogen semi-coke and its application to remove chemical pollutants from aqueous solutions
Lees, Heidi; **Jõul, Piia**; **Pikkor, Heliis**; **Järvik, 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

Characterization of organosolv lignins and their application in the preparation of aerogels
Jõul, Piia; **Ho, Tran T.**; **Kallavus, Urve**; **Konist, Alar**; **Leiman, Kristiina**; **Salm, Olivia-Stella**; **Kulp, Maria**; **Koel, Mihkel**; **Lukk, Tiit** Materials 2022 / art. 2861 https://doi.org/10.3390/ma15082861 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Characterization of the pyrolytic water from shale oil industry
Maaten, Birgit; **Järvik, Oliver**; **Loo, Lauri**; **Konist, Alar**; **Siirde, Andres** Oil shale 2018 / p. 365-374 : ill http://kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-365-374.pdf https://doi.org/10.3176/oil.2018.4.06 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chemical and physical characterization of oil shale combustion emissions in Estonia
Aurela, Minna; Mylläri, Fanni; **Konist, Alar**; Saarikoski, Sanna; Olin, Miska; Simonen, Pauli; Bloss, Matthew; **Nešumajev, Dmitri**; Salo, Laura; Maasikmets, Marek; Sipilä, Mikko; Maso, Mikka Dal; Keskinen, Jorma; Timonen, Hilkka; Rönkkö, Topi Atmospheric Environment: X 2021 / art. 100139, 9 p. : ill https://doi.org/10.1016/j.aeaoa.2021.100139 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Climate-neutral Provision of Peak Heat Loads
Moser, Simon; **Volkova, Anna** Euroheat and Power (English Edition) 2024 / p. 23-26 https://prod.euroheat.org/dhc/knowledge-hub/climate-neutral-provision-of-peak-heat-loads Journal metrics at Scopus Article at Scopus

ClimMIT - Climate change mitigation with CCS and CCU technologies
Uibu, Mai; **Siirde, Andres**; **Järvik, Oliver**; **Trikkel, Andres**; **Yörük, Can Rüstü**; Nurk, Gunnar; Kirsimäe, Kalle; **Hazak, Aaro**; **Konist, Alar** Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 9 p https://ssrn.com/abstract=3812288 https://doi.org/10.2139/ssrn.3812288

CO2 - mida sellega peale hakata?
Alvela, Ain Tehnikamaailm 2025 / lk. 66-70 : ill, fot https://www.ester.ee/record=b1073050*est

CO2 emission intensity of the Estonian DH sector
Latõšov, Eduard; Umbleja, Siim; **Volkova, Anna** Smart Energy 2022 / art. 100070 https://doi.org/10.1016/j.segy.2022.100070 Journal metrics at Scopus Article at Scopus Article at WOS

CO2 püüdmine, ladustamine ja kasutamine
Konist, Alar Elektriala 2022 / lk. 11-13 : ill https://www.ester.ee/record=b1240496*est

Co-combustion of coal and oil shale blends in circulating fluidized bed boilers
Konist, Alar; **Pikkor, Heliis**; **Nešumajev, Dmitri**; **Loo, Lauri**; **Järvik, Oliver**; **Siirde, Andres**; **Pihu, Tõnu** Oil shale 2019 / p. 114–127 : ill https://doi.org/10.3176/oil.2019.2S.03 http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-114-127.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-gasification of biomass and oil shale under CO2 atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)
Sinisalu, Mari; **Järvik, Oliver**; **Mets, Birgit**; **Konist, Alar** Bioresource technology 2024 / art. 130086 https://doi.org/10.1016/j.biortech.2023.130086 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Combustion as a possible solution to pyrolytic wastewater utilization
Konist, Alar; **Järvik, Oliver**; **Pihu, Tõnu**; **Nešumajev, Dmitri** Chemical engineering transactions 2018 / p. 859-864 : ill
https://doi.org/10.3303/CET1870144 Journal metrics at Scopus Article at Scopus

Combustion of fuel mixtures in oil shale fired CFBC and PC boilers
Pihu, Tõnu; **Konist, Alar**; **Nešumajev, Dmitri**; **Loo, Lauri** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 24-25
http://www.ester.ee/record=b4751282*est

Comparative analyses of processed wood waste reuse possibilities after chemical delignification treatment
M'hamdi, Asmae Ismaili; **Gušča, Julija**; Blumberga, Dagnija; Zerouale, Abdelaziz; Kandri, Noureddine Idrissi Energy procedia 2017 / p. 289-296 : ill http://dx.doi.org/10.1016/j.egypro.2017.04.068

Comparative assessment of heat recovery from treated wastewater in the district heating systems of the three capitals of the Baltic countries
Ziemele, Jelena; **Volkova, Anna**; **Latõšov, Eduard**; Murauskaite, Lina; Džiuve, Vytautas Energy 2023 / art. 128132
https://doi.org/10.1016/j.energy.2023.128132 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of COP estimation methods for large-scale heat pumps used in energy planning
Pieper, Henrik; Ommen, Torben; Kjær Jensen, Jonas Energy 2020 / art. 117994, 13 p. : ill https://doi.org/10.1016/j.energy.2020.117994

Comparison of district heating supply options for different CHP configurations
Rušeljuk, Pavel; **Dedov, Andrei**; **Hlebnikov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energies 2023 / art. 603, 14 p. : ill
https://doi.org/10.3390/en16020603 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Aricle at WOS

Comparison of suitable business models for the 5th generation district heating system implementation through game theory approach
Pakere, Ieva; Kacare, Marika; Murauskaite, Lina; **Huang, Pei**; **Volkova, Anna** Environmental and Climate Technologies 2023 / p. 1-15 https://doi.org/10.2478/rtuect-2023-0001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of the ecotoxic properties of oil shale industry by-products to those of coal ash
Lees, Heidi; **Järvik, Oliver**; **Konist, Alar**; **Siirde, Andres**; **Maaten, Birgit** Oil shale 2022 / p. 1-19 : tab
https://doi.org/10.3176/oil.2022.1.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of the most likely low-emission electricity production systems in Estonia
Baird, Zachariah Steven; **Nešumajev, Dmitri**; **Järvik, Oliver**; Powell, Kody M. PLoS ONE 2021 / e0261780, 37 p
https://doi.org/10.1371/journal.pone.0261780 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of the porous structure of oil shale fly ashes from two different CFB boilers
Pikkor, Heliis 18th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology III : Toila, Estonia, January 14-19, 2019 : [proceedings] 2019 / p. 99-100 : ill
https://www.ester.ee/record=b5183874*est

Composition of gas from pyrolysis of Estonian oil shale with various sweep gases
Mozaffari, Sepehr; **Järvik, Oliver**; **Baird, Zachariah Steven** Oil shale 2021 / p. 215-227 : ill https://doi.org/10.3176/oil.2021.3.03
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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comprehensive review of carbon capture science and technologies
Wu, Chunfei; Huang, Qi; Xu, Zhicheng; Tariq Sipra, Ayesha; Gao, Ningbo; Porto de Souza Vandenberghe, Luciana; Vieira, Sabrina; Soccol, Carlos Ricardo; Zhao, Ruikai; Deng, Shuai; **Konist, Alar**; **Baqain, Mais Hanna Suleiman** Carbon capture science & technology 2024 / art. 100178, 180 p. : ill https://doi.org/10.1016/j.ccst.2023.100178 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Computational results of the ecotoxic analysis of fly and bottom ash from oil shale power plants and shale oil production facilities
Lees, Heidi; **Järvik, Oliver**; **Konist, Alar**; **Siirde, Andres**; **Maaten, Birgit** Chemical engineering transactions 2020 / p. 967-972 https://doi.org/0.3303/CET2081162 https://www.scopus.com/record/display.uri?eid=2-s2.0-85092033034&origin=inward&txGid=0c1c7fc07fcc8f2767255413a47fc58b Journal metrics at Scopus Article at Scopus

Converting Tallinn's historic centre's (Old Town) heating system to a district heating system
Volkova, Anna; **Krupenski, Igor**; **Kovtunova, Natalja**; **Hlebnikov, Aleksandr**; **Mašatin, Vladislav**; Ledvanov, Aleksandr Energy 2023 / art. 127429 https://doi.org/10.1016/j.energy.2023.127429 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-pyrolysis and co-gasification of biomass and oil shale
Järvik, Oliver; **Sulg, Mari**; **Cascante Cirici, Pau**; Eldermann, Meelis; **Konist, Alar**; Gusca, Julija; Siirde, Andres Environmental and Climate Technologies 2020 / p. 624–637 : ill https://doi.org/10.2478/rtuect-2020-0038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-pyrolysis of biomass and oil shale = Biomassi ja põlevkivi koospürolüüs
Lyons Ceron, Alejandro 2024 https://doi.org/10.23658/taltech.27/2024 https://www.ester.ee/record=b5685170*est https://digikogu.taltech.ee/et/Item/086c2b08-a10f-4af2-aa9a-1bd3aa07693c

Co-pyrolysis of biomass woodchips with Ca-rich oil shale fuel in a continuous feed reactor
Lyons Ceron, Alejandro; **Pihu, Tõnu**; **Konist, Alar** Oil Shale 2024 / p. 208–235 : ill https://doi.org/10.3176/oil.2024.3.04

Co-pyrolysis of Estonian oil shale with polymer wastes
Pihl, Olga; **Khaskhachikh, Vladimir**; **Kravetskaja, Julia**; **Niidu, Allan**; **Siirde, Andres** ACS omega 2021 / p. 31658–31666 : ill https://doi.org/10.1021/acsomega.1c04188 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-pyrolysis of Estonian oil shale with polymer wastes = Eesti põlevkivi ja polümeerjäätmete koospürolüüs
Pihl, Olga 2022 https://doi.org/10.23658/taltech.36/2022 https://www.ester.ee/record=b5503196*est https://digikogu.taltech.ee/et/Item/ab6c2255-91b6-4ce5-b26e-95665266870e

Co-pyrolysis of woody biomass and oil shale — a kinetics and modelling study
Lyons Ceron, Alejandro; **Ochieng, Richard**; **Sarker, Shiplu**; **Järvik, Oliver**; **Konist, Alar** Energies 2024 / art. 1055 https://doi.org/10.3390/en17051055 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Co-Pyrolysis of Woody Biomass and Oil Shale in a Batch Reactor in CO2, CO2-H2O, and Ar Atmospheres
Lyons Ceron, Alejandro; **Konist, Alar** Energies 2023 / art. 3145 https://doi.org/10.3390/en16073145 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrosive effects of H2S and NH3 on natural gas piping systems manufactured of carbon steel
Latõšov, Eduard; **Maaten, Birgit**; **Loorits, Mihkel**; **Volkova, Anna**; **Soosaar, Sulev** Energy procedia 2017 / p. 316-323 https://doi.org/10.1016/j.egypro.2017.08.319 Conference proceedings at Scopus Article at Scopus Article at WOS

Current status of co-pyrolysis of oil shale and biomass
Lyons Ceron, Alejandro; **Konist, Alar**; **Lees, Heidi**; **Järvik, Oliver** Oil shale 2021 / p. 228-263 : tab https://doi.org/10.3176/oil.2021.3.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A decade of solar PV deployment in ASEAN : policy landscape and recommendations
Sreenath, Sukumaran; Azmi, Azlin Mohd; Dahlan, Nofri Yenita; Sudhakar, K. Energy reports 2023 / p. 460-469 https://doi.org/10.1016/j.egyr.2022.05.219

Decarbonisation of Estonian oil shale industry : framework and categories definition
Eldermann, Meelis; **Siirde, Andres**; **Gušča, Julija** Energy procedia 2017 / p. 77-81 : ill https://doi.org/10.1016/j.egypro.2017.04.020 Conference proceedings at Scopus Article at Scopus Article at WOS

Decarbonisation of fossil-fuel CHP based district heating system = Fossiilkütustel põhineva CHP kaugküttesüsteemi dekarboniseerimine
Rušeljuk, Pavel 2023 https://doi.org/10.23658/taltech.62/2023 https://digikogu.taltech.ee/et/Item/84455e85-92bf-4aba-8623-86c0904a8747 https://www.ester.ee/record=b5640849*est

Degradation of environmentally toxic refractory compounds in suspended-bed reactor by photocatalytic oxidation and combination of biological treatment with photocatalysis [Online resource]
Pronina, Natalja; **Klauson, Deniss**; **Kamenev, Sven**; **Kamenev, Inna**; **Rudenko, Tatjana**; **Künnis-Beres, Kai**; Moiseev, Anna; **Kritševskaja, Marina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill http://fmtdk.ut.ee/teesid/

Densities, viscosities, and thermal conductivities of the ionic liquid 7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-enium acetate and its mixtures with water
Baird, Zachariah Steven; Uusi-Kyyny, Petri; Dahlberg, Artur; Cederkrantz, Daniel; Alopaeus, Ville International journal of thermophysics 2020 / art. 160, 21 p. : ill https://doi.org/10.1007/s10765-020-02742-4

Design and development of a conceptual solar energy laboratory for district heating applications
Chung, Jaewook; **Sukumaran, Sreenath**; **Hlebnikov, Aleksandr**; **Volkova, Anna** Solar 2023 / p. 504-521 https://doi.org/10.3390/solar3030028

Design of High Volume CFBC Fly Ash Based Calcium Sulphoaluminate Type Binder in Mixtures with Ordinary Portland Cement
Paaver, Peeter; **Järvik, Oliver**; Kirsimäe, Kalle Materials 2021 / art. 5798 https://doi.org/10.3390/ma14195798 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 biomass content in combusted municipal waste and associated CO2 emissions in Estonia
Moora, Harri; **Roos, Inge**; Kask, Ülo; Kask, Livia; Õunapuu, Kerlin Energy procedia 2017 / p. 222-229 : tab https://doi.org/10.1016/j.egypro.2017.09.059 Conference proceedings at Scopus Article at Scopus Article at WOS

Determination of the total sulphur content of oil shale by using different analytical methods
Maaten, Birgit; **Pikkor, Heliis**; **Konist, Alar**; **Siirde, Andres** Oil shale 2018 / p. 144-153 : ill https://doi.org/10.3176/oil.2018.2.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 keemispiiridega pidevate segude keskmiste keemispunktide leidmiseks
Rannaveski, Rivo 2018 https://digi.lib.ttu.ee/i/?10985 https://www.ester.ee/record=b5161022*est

Development of a user-friendly mobile app for the national level promotion of the 4th generation district heating
Volkova, Anna; **Latõšov, Eduard**; Mašatin, Vladislav; **Siirde, Andres** International journal of sustainable energy planning and management 2019 / p. 21−36 : ill https://doi.org/10.5278/ijsepm.2019.20.3 Journal metrics at Scopus Article at Scopus

Developments in analytical chemistry initiated from green chemistry
Koel, Mihkel Sustainable Chemistry for the Environment 2024 / art.100078 https://doi.org/10.1016/j.scenv.2024.100078 Journal metrics at Scopus Article at Scopus

Dioxin concentrations and congener distribution in biomass ash from small to large scale biomass combustion plants
Ummik, Mari-Liis; **Järvik, Oliver**; **Konist, Alar** Environmental science and pollution research 2024 / p. 58946 - 58956 https://doi.org/10.1007/s11356-024-35141-5 Journal metrics at Scopus Article at Scopus

District cooling network planning. A case study of Tallinn
Volkova, Anna; Hlebnikov, Aleksandr; Ledvanov, Aleksandr; Kirs, Tanel; **Raudsepp, Urmas**; **Krupenski, Igor**; **Latõšov, Eduard** International Journal of Sustainable Energy Planning and Management 2022 / p. 63-78 : ill https://doi.org/10.54337/ijsepm.7011 Journal metrics at Scopus Article at Scopus

Dmitri Nešumajev, tehnika- ja arvutiteadused [Võrguväljaanne]
Nešumajev, Dmitri Eesti Teaduste Akadeemia : Youtube kanal 2021 / video Dmitri Nešumajev, tehnika- ja arvutiteadused

Doktoritöö pakub lahenduse põlevkivitööstuse süsinikuheitmete vähendamiseks
Baqain, Mais Hanna Suleiman novaator.err.ee 2024 Doktoritöö pakub lahenduse põlevkivitööstuse süsinikuheitmete vähendamiseks https://digikogu.taltech.ee/et/item/0fdc7a64-d5bc-4310-aec2-88bfd867bce9

Doktoritöö: põlevkivile biomassi lisades saab toota puhtamaid kütuseid
Ceron, Alejandro Lyons novaator.err.ee 2025 Doktoritöö: põlevkivile biomassi lisades saab toota puhtamaid kütuseid

Ecotoxicity assessment of ashes from calcium-rich fuel combustion: contrasting results and regulatory implications
Ummik, Mari-Liis; **Järvik, Oliver**; **Reinik, Janek**; **Konist, Alar** Environmental science and pollution research 2024 / p. 48523-48533 https://doi.org/10.1007/s11356-024-34387-3 Journal metrics at Scopus Article at Scopus

Eessõna
Ots, Arvo Soojustehnika Instituut : teadusuuringud 1936-2016 2020 / lk. 3-4 https://www.ester.ee/record=b5376612*est

Eesti teadlased arendavad CO2 kogumise tehnoloogiat, mis aitab tööstuse jäätmevabaks muuta

Tamm, K. toostusuudised.ee 2024 Eesti teadlased arendavad CO kogumise tehnoloogiat, mis aitab tööstuse jäätmevabaks muuta

Eesti teadlased arendavad jäätmevabu ehitusmaterjale
Ehitaja 2024 / lk. 34 : portr https://www.ester.ee/record=b1072123*est

Eesti teadlased arendavad süsinikuheite kogumise tehnoloogiat, et muuta tööstust jäätmevabaks
Tamm, Kadriann äripäev.ee 2024 Eesti teadlased arendavad süsinikuheite kogumise tehnoloogiat, et muuta tööstust jäätmevabaks

Eesti teadlased leidsid lahenduse: kas jäätmetele hakatakse nüüd tormi jooksma?
Tamm, Kadriann postimees.ee 2024 Eesti teadlased leidsid lahenduse: kas jäätmetele hakatakse nüüd tormi jooksma?

Eesti teadlaste leiutis muudab jäätmed väärtuslikuks toorainekс
Einama, Kaido Postimees 2024 / lk. 11 https://dea.digar.ee/article/postimees/2024/10/24/8.1

Eesti teadlaste uus lähenemine teeb päikesepaneelid efektiivsemaks ja odavamaks
Konist, Alar novaator.err.ee 2019 / fot Eesti teadlaste uus lähenemine teeb päikesepaneelid efektiivsemaks ja odavamaks

Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ega soojust raisata
Lepiksaar, Kertu postimees.ee 2024 Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ega soojust raisata
https://digikogu.taltech.ee/et/Item/1bf329b0-baf7-4581-866e-fbc147c44d6c

Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ja soojust raisata
Lepiksaar, Kertu postimees.ee 2024 Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ja soojust raisata

Eestis puuritakse aasta lõpuks suur auk, mis aitab kütta maju
postimees.ee 2023 Eestis puuritakse aasta lõpuks suur auk, mis aitab kütta maju

Effect of different sweep gases on sulfur behavior during pyrolysis of kukersite oil shale = Pürolüüsikeskkonna mõju väävli käitumisele kukersiitse põlevkivi pürolüüsil
Mozaffari, Sepehr 2022 https://doi.org/10.23658/taltech.60/2022 https://digikogu.taltech.ee/et/Item/cf50933f-1f46-4cdb-b83e-f97cf2a962ca
https://www.ester.ee/record=b5524905*est

Effect of leaching pretreatment on the gasification of wine and vine (residue) biomass
Link, Siim; Arvelakis, Stelios; **Paist, Aadu**; Liliedahl, Truls; Rosen, Christer Renewable energy 2018 / p. 1-5 : tab
https://doi.org/10.1016/j.renene.2017.08.028 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of N2 and CO2 on shale oil from pyrolysis of Estonian oil shale
Mozaffari, Sepehr; **Järvik, Oliver**; **Baird, Zachariah Steven** International journal of coal preparation and utilization 2022 / p. 2908-2922 https://doi.org/10.1080/19392699.2021.1914025 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of punching the electrical sheets on optimal design of a permanent magnet synchronous motor
Martin, Floran; Aydin, Ugur; Sundaria, Ravi; Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero IEEE Transactions on Magnetics 2018 / art. 8102004 https://doi.org/10.1109/TMAG.2017.2768399 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

The effect of the district heating return temperature reduction on flue gas condenser efficiency
Lepiksaar, Kertu; **Volkova, Anna**; **Ruševljuk, Pavel**; **Siirde, Andres** Environmental and Climate Technologies 2020 / p. 23−38
https://doi.org/10.2478/rtuect-2020-0083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of woody biomass gasification process conditions on the composition of the producer gas
Lyons Cerón, Alejandro; **Konist, Alar**; **Lees, Heidi**; **Järvik, Oliver** Sustainability 2021 / art. 11763, 17 p. : ill
https://doi.org/10.3390/su132111763 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of coupling combined heat and power production with district cooling
Lepiksaar, Kertu; **Mašatin, Vladislav**; **Krupenski, Igor**; **Volkova, Anna** Energies 2023 / art. 4552
https://doi.org/10.3390/en16124552 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficient lignin fractionation from Scots pine (Pinus sylvestris) using ammonium-based protic ionic liquid : process optimization and characterization of recovered lignin
Khan, Sharib; Rauber, Daniel; Shanmugam, Sabarathinam; Kay, Christopher W. M.; **Konist, Alar**; Kikas, Timo Polymers 2022 / art.

4637, 13 p. : ill https://doi.org/10.3390/polym14214637 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Efficient use of heat from CHP distributed by district heating system in district cooling networks
Pieper, Henrik; Kirs, Tanel; **Krupenski, Igor**; **Ledvanov, Aleksandr**; **Lepiksaar, Kertu**; **Volkova, Anna** Energy reports 2021 / p. 47-54 https://doi.org/10.1016/j.egyr.2021.09.041 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Einari Kisel: tulevikus lõpetab riik kõigi elektritootmisvariantide toetamise
Kisel, Einari err.ee 2025 https://www.err.ee/1609732152/einari-kisel-tulevikus-lopetab-riik-koigi-elektritootmisvariantide-toetamise

Eksperdid kahtlevad uue Eesti-Läti elektriühenduse vajalikkuses
Voltri, Johannes err.ee 2025 https://www.err.ee/1609631458/eksperdid-kahtlevad-uue-eesti-lati-elektriuhenduse-vajalikkuses

Ekspert Eesti Energia probleemidest: meie heitenormid on Euroopaga võrreldes karmimad
postimees.ee 2024 Ekspert Eesti Energia probleemidest: meie heitenormid on Euroopaga võrreldes karmimad

Ekspert: Eesti kiireim tee tuumaenergiani oleks jaam Leedus
Peegel, Mari err.ee 2023 Ekspert: Eesti kiireim tee tuumaenergiani oleks jaam Leedus

Elektri varustuskindlusest
Konist, Alar Postimees 2021 / Lk. 15 https://dea.digar.ee/article/postimees/2021/02/22/14.6

Elektri varustuskindlusest
Konist, Alar; Aro, Rein Elektriala 2021 / lk. 6-9 : portr https://www.ester.ee/record=b1240496*est

Emission measurements with gravimetric impactors and electrical devices : An aerosol instrument comparison
Salo, Laura; Mylläri, Fanni; Maasikmets, Marek; Niemelä, Ville; **Konist, Alar**; **Kupri, Hanna-Lii** Aerosol science and technology 2019 / p. 526-539 : ill https://doi.org/10.1080/02786826.2019.1578858 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The emissions of NOx, 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

Energeetik: lumi on kasulik looduslik ressurss
Krupenski, Igor toostusuudised.ee 2024 Energeetik: lumi on kasulik looduslik ressurss

Energeetikaeksperdid andsid komisjonis meretuuleparkidele kriitilise vaate
err.ee 2024 Energeetikaeksperdid andsid komisjonis meretuuleparkidele kriitilise vaate

Energeetikateadlane Alar Konist: LNG ei ole õige tee. Uued põlevkiviplokid on täiesti keskkonnasõbralikud [Võrguväljaanne]
Konist, Alar epl.delfi.ee 2022 Energeetikateadlane Alar Konist: LNG ei ole õige tee. Uued põlevkiviplokid on täiesti keskkonnasõbralikud

Energiateadlase hinnangul võiks uute taastuvelektrijaamade rajamisega oodata
Roomets, Katre err.ee 2023 Energiateadlase hinnangul võiks uute taastuvelektrijaamade rajamisega oodata

Energiatootmine Eestis ja lähiriikides
Konist, Alar Postimees 2020 / Lk. 6-7 : ill https://dea.digar.ee/article/ak/2020/09/19/5.1

Energy cascade connection of a low-temperature district heating network to the return line of a high-temperature district heating network
Volkova, Anna; **Krupenski, Igor**; Ledvanov, Aleksandr; Hlebnikov, Aleksandr; **Lepiksaar, Kertu**; **Latõšov, Eduard**; **Mašatin, Vladislav** Energy 2020 / art. 117304, 15 p. : ill https://doi.org/10.1016/j.energy.2020.117304 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Energy experts critical of government's offshore wind farms plan
news.err.ee 2024 Energy experts critical of government's offshore wind farms plan

Energy industry waste as a thermochemical energy storage resource
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** 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. 81 http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf

Energy performance of the Serbian and Estonian family house with a selective absorption facade
Lukic, N.; Nešovic, A.; Nikolic, N.; **Siirde, Andres**; **Volkova, Anna**; **Latõšov, Eduard** IOP conference series : materials science and engineering 2019 / art. 012047, 10 p. : ill https://doi.org/10.1088/1757-899X/659/1/012047 Conference proceedings at Scopus Article at Scopus

Enerhack в четвертый раз организует летний лагерь для будущих инженеров и энергетиков. Среди спикеров Кристина Каллас, Пирет Хартман и олимпийская чемпионка Ирина Эмбрих
rus.delfi.ee 2024 Enerhack в четвертый раз организует летний лагерь для будущих инженеров и энергетиков. Среди спикеров Кристина Каллас, Пирет Хартман и олимпийская чемпионка Ирина Эмбрих В TalTech в четвертый раз стартовал летний лагерь Enerhack

Erikomisjon arutab, millised on Eesti elektrisüsteemi valikud = В Рийгикогу обсудят решения в отношении системы электроснабжения Эстонии
postimees.ee 2023 Erikomisjon arutab, millised on Eesti elektrisüsteemi valikud В Рийгикогу обсудят решения в отношении системы электроснабжения Эстонии

Estimation of the share of total nutrient load from the territory of Estonia along the Narva river to the Baltic Sea
Reihan, Alvina; **Roosalu, Kati** Proceedings 2023 / art. 44 https://doi.org/10.3390/proceedings2023092044

Estonian Energy Roadmap to carbon neutrality
Volkova, Anna; **Kisel, Einari**; Grünvald, Olavi; Veske, Andres; Sukumaran, Sreenath; Purga, Jaanus International journal of sustainable energy planning and management 2023 / p. 30-46 https://doi.org/10.54337/ijsepm.7568 Journal metrics at Scopus Article at Scopus

An evaluation and innovative coupling of seawater heat pumps in district heating networks
Ali, Hesham; **Hlebnikov, Aleksandr**; Pakere, leva; **Volkova, Anna** Energy 2024 / art. 133461
https://doi.org/10.1016/j.energy.2024.133461

Exhaust air heat pump connection schemes and balanced heat recovery ventilation effect on district heat energy use and return temperature
Thalfeldt, Martin; **Kurnitski, Jarek**; **Latõšov, Eduard** Applied thermal engineering 2018 / p. 402-414 : ill
https://doi.org/10.1016/j.applthermaleng.2017.09.033 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Experimental analysis of combustion characteristics of Estonian oil shale in regular and oxy-fuel atmospheres = Eesti põlevkivi põlemiskarakteristikute eksperimentaalne analüüs tavalises ja oxy-fuel keskkonnas
Loo, Lauri 2018 https://digi.lib.ttu.ee/i/?10575 https://www.ester.ee/record=b5151046*est

Experimental and modeling studies of intermediate pyrolysis of wood in a laboratory-scale continuous feed retort reactor
Ochieng, Richard; **Ceron, Alejandro Lyons**; **Konist, Alar**; Sarker, Shilpu Bioresource technology reports 2023 / art. 101650
https://doi.org/10.1016/j.biteb.2023.101650 Journal metrics at Scopus Article at Scopus Article at WOS

Experimental investigation of the high-speed combustion of different oil shales
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / PS2.030, p. 396 http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf

Expert: Lithuanian plant would be Estonia's fastest route to nuclear energy
news.err.ee 2023 Expert: Lithuanian plant would be Estonia's fastest route to nuclear energy

Experts question necessity of new Estonia-Latvia electricity connection
news.err.ee 2025 https://news.err.ee/1609631540/experts-question-necessity-of-new-estonia-latvia-electricity-connection

Exploring heat demand forecasting in district heating networks using random parameter linear regression model
Ali, Hesham; **Dedov, Andrei**; **Volkova, Anna** Environmental and Climate Technologies 2024 / p. 670-685
https://doi.org/10.2478/rtuect-2024-0052

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://fmtdk.ut.ee/teesid-2018/

Factors affecting the improvement of district heating. Case studies of Estonia and Serbia
Ruševljuk, Pavel; **Volkova, Anna**; Lukic, Nebojša; **Lepiksaar, Kertu**; Nikolic, Novak; Nešovic, Aleksandar; **Siirde, Andres**

Environmental and Climate Technologies 2021 / p. 521−533 https://doi.org/10.2478/rtuect-2020-0121 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fast pyrolysis as a new approach to the upgrading of oil shale retorting methods
Pikkor, Heliis; **Maaten, Birgit**; **Siirde, Andres** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 23 http://www.ester.ee/record=b4751282*est

Feasibility of solar hybrid energy system at a conservation park: Technical, economic, environmental analysis
Sreenath, Sukumaran; Azmi, Azlin Mohd; Ismail, Zubir Ahmad Mohd Energy reports 2023 / p. 711-719 https://doi.org/10.1016/j.egyr.2022.11.065

Feasibility of thermal energy storage integration into biomass CHP-based district heating system
Volkova, Anna; **Latõšov, Eduard**; **Andrijaškin, Maksim**; **Siirde, Andres** Chemical engineering transactions 2018 / p. 499-504 : ill https://doi.org/10.3303/CET1870084 Journal metrics at Scopus Article at Scopus

5th generation district heating and cooling (5GDHC) implementation potential in urban areas with existing district heating systems
Volkova, Anna; Pakere, Ieva; Murauskaite, Lina; Huang, Pei; **Lepiksaar, Kertu**; Zhang, Xinxing Energy reports 2022 / p. 10037-10047 https://doi.org/10.1016/j.egyr.2022.07.162 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Flash points of gasoline from Kukersite oil shale : prediction from vapor pressure
Rannaveski, Rivo; **Listak, Madis** Agronomy research 2018 / p. 1218-1227 : ill https://doi.org/10.15159/AR.18.025 Journal metrics at Scopus Article at Scopus

Flash points of gasoline from Kukersite oil shale : prediction from vapor pressure [Online resource]
Rannaveski, Rivo; **Listak, Madis** 9th International Conference "Biosystems Engineering 2018": 9–11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 160 http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf

Fluidized bed pyrolysis as a new approach for shale oil production
Pikkor, Heliis; **Siirde, Andres** 17th International Symposium “Topical Problems in the Field of Electrical and Power Engineering”. Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 277-279 : ill http://ise.elnet.ee/record=b2950220~S2*est

Forecasting annual electric power consumption using a random parameters model with heterogeneity in means and variances
Hamed, Mohammad M.; **Ali, Hesham**; Abdelal, Qasem Energy 2022 / art. 124510 https://doi.org/10.1016/j.energy.2022.124510

Full-scale tests on the co-firing of peat and oil shale in an oil shale fired circulating fluidized bed boiler
Pihu, Tõnu; **Konist, Alar**; **Nešumajev, Dmitri**; **Loo, Lauri**; Molodtsov, Artjom; Valtsev, Aleksandr Oil shale 2017 / p. 250-262 : ill http://www.ester.ee/record=b1072685*est https://doi.org/10.3176/oil.2017.3.04 https://artiklid.elnet.ee/record=b2824316*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 https://doi.org/10.3176/oil.2019.2S.09 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Geochemical study of stable carbon and oxygen isotopes in landfilled Ca-rich oil shale ash
Leben, Kristjan; Mõtlep, Riho; Paaver, Peeter; **Konist, Alar**; **Pihu, Tõnu**; Kirsimäe, Kalle Estonian journal of earth sciences 2020 / p. 134-142 : ill https://doi.org/10.3176/earth.2020.09 https://kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2020/issue_3/earth-2020-3-121-133.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

GIS-based approach to identifying potential heat sources for heat pumps and chillers providing district heating and cooling
Pieper, Henrik; **Lepiksaar, Kertu**; **Volkova, Anna** International Journal of Sustainable Energy Planning and Management 2022 / p. 29-44 https://doi.org/10.54337/ijsepm.7021 Journal metrics at Scopus Article at Scopus

GIS-based optimisation for district heating network planning
Tšitšerin, Stanislav; **Volkova, Anna**; **Latõšov, Eduard** Energy procedia 2018 / p. 635-641 : ill https://doi.org/10.1016/j.egypro.2018.08.228 Conference Proceedings at Scopus Article at Scopus Article at WOS

Green hydrogen use in Estonian transport and energy sectors raises concerns
Klementi, Joakim news.err.ee 2023 Green hydrogen use in Estonian transport and energy sectors raises concerns

Gümnasistid võtsid mõõtu energiatehnoloogia erialavõistlustel

Lepiksaar, Kertu; Kelder, Kristiina Angela Mente et Manu 2022 / lk. 40-41 : fot https://www.ester.ee/record=b1242496*est

Harri Tallermo : 28.09.1929 - 03.02.2018 : publikatsioonid = Harri Tallermo : 28.09.1929 - 03.02.2018 : publications
2019 https://www.ester.ee/record=b5260457*est

Heat pump potential in the Baltic States
Volkova, Anna; **Pieper, Henrik**; **Koduvere, Hardi**; **Lepiksaar, Kertu**; **Siirde, Andres** 2021
https://pub.norden.org/nordicenergyresearch2021-02/

Heat pump use in rural district heating networks in Estonia
Lepiksaar, Kertu; Kalme, Kiur; **Siirde, Andres**; **Volkova, Anna** Environmental and climate technologies 2021 / p. 786–802
https://doi.org/10.2478/rtuect-2021-0059 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Heat storage combined with biomass CHP under the national support policy. A case study of Estonia
Volkova, Anna; **Latõšov, Eduard**; **Siirde, Andres** Environmental and Climate Technologies 2020 / p. 171−184
https://doi.org/10.2478/rtuect-2020-0011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High temperature corrosion and remaining lifetime assessment of ferritic steel 13CrMo4-4 tubes in a convective superheater of a CFB oil shale boiler
Dedov, Andrei; **Klevtsov, Ivan**; **Lausmaa, Toomas**; **Bojarinova, Tatjana** Corrosion science 2020 / art. 108311
https://doi.org/10.1016/j.corsci.2019.108311 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High-speed thermogravimetric analysis of the combustion of wood and Ca-rich fuel
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** Journal of thermal analysis and calorimetry 2019 / p. 2807–2811
https://doi.org/10.1007/s10973-019-08785-6 Teadlased: puidu osakaalu suurendamine fossiilkütustes on üks lahendus Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

High-speed thermogravimetric analysis of the combustion of wood and Ca-rich fuel
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / OP1.16, p. 72 http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf

Hybrid heat pump performance evaluation in different operation modes for single-family house
Tihana, Jelena; **Ali, Hesham**; Apse, Jekaterina; Jekabsons, Janis; Ivancovs, Dmitrijs; Gaujena, Baiba; **Dedov, Andrei** Energies 2023 / art. 7018 https://doi.org/10.3390/en16207018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Hydrogen solubility of shale oil containing polar phenolic compounds
Baird, Zachariah Steven; Uusi-Kyyny, 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

Igor Krupenski : Energiakriis ning küttelahendused ehk kui lõpetatakse gaasi kasutamine? [Võrguväljaanne]
Krupenski, Igor ohtuleht.ee 2022 / Lk. 8 Igor Krupenski : Energiakriis ning küttelahendused ehk kui lõpetatakse gaasi kasutamine?
https://dea.digar.ee/article/ohtuleht/2022/05/10/8.5

Igor Krupenski: kas energiakandjate hinnaralli jätkub? [Võrguväljaanne]
Krupenski, Igor err.ee 2022 Igor Krupenski: kas energiakandjate hinnaralli jätkub?

Impact of ball-milling of carbide-derived carbons on the generation of hydrogen peroxide via electroreduction of oxygen in alkaline media
Palm, Iris; Kibena-Põldsepp, Elo; Lilloja, Jaana; **Paiste, Päärn** Journal of electroanalytical chemistry 2020 / art. 114690
https://doi.org/10.1016/j.jelechem.2020.114690 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact of grid gas requirements on hydrogen blending levels
Latõšov, Eduard; Pakere, Ieva; Murauskaite, Lina; **Volkova, Anna** Environmental and Climate Technologies 2021 / P. 688-699
https://doi.org/10.2478/rtuect-2021-0052 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The impact of parallel energy consumption on the district heating networks
Latõšov, Eduard; **Siirde, Andres**; **Volkova, Anna**; **Thalfeldt, Martin**; **Kurnitski, Jarek** Environmental and Climate Technologies 2019 / 13 p. : ill https://doi.org/10.2478/rtuect-2019-0001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact of the blending method on the melting characteristics of ashes of biomass blends
Link, Siim; Yrjas, Patrik; Hupa, L. 25th European Biomass Conference and Exhibition : 12-15 June 2017, Stockholm, Sweden : proceedings 2017 / p. 547-551 https://doi.org/10.5071/25thEUBCE2017-2BV.1.13 Conference proceedings at Scopus Article at Scopus

Article at WOS

Improvement of district heating network energy efficiency by pipe insulation renovation with PUR foam shells
Mašatin, Vladislav; **Volkova, Anna**; **Hlebnikov, Aleksandr**; **Latõšov, Eduard** Energy procedia 2017 / p. 265-269 : ill
https://doi.org/10.1016/j.egypro.2017.04.064 Conference proceedings at Scopus Article at Scopus Article at WOS

Improving CHP flexibility by integrating thermal energy storage and power-to-heat technologies into the energy system
Lepiksaar, Kertu; Mašatin, Vladislav; **Latõšov, Eduard**; **Siirde, Andres**; **Volkova, Anna** Smart energy 2021 / art. 100022
https://doi.org/10.1016/j.segy.2021.100022

Indicator analysis of integrated municipal waste management system. Case study of Latvia
Kavals, Edgars; Klavenieks, Kaspars; **Gušča, Julija**; Blumberga, Dagnija Energy procedia 2018 / p. 227-234
https://doi.org/10.1016/j.egypro.2018.07.086

The influence of O2 and CO2 on the possible corrosion on steel transmission lines of natural gas
Latõšov, Eduard; **Maaten, Birgit**; **Siirde, Andres**; **Konist, Alar** Energy procedia 2018 / p. 63-70 : ill
https://doi.org/10.1016/j.egypro.2018.07.034 Journal metrics at Scopus Article at Scopus Article at WOS

Influence of the end-temperature on the oil shale fast pyrolysis process and its products
Maaten, Birgit; **Siirde, Andres**; Vahur, Signe; Kirsimäe, Kalle Journal of thermal analysis and calorimetry 2023 / p. 1647-1655 : ill
https://doi.org/10.1007/s10973-022-11567-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit
Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; **Uibu, Mai**; **Jefimova, Jekaterina** 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / OP1.19, p. 75
http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf

Innovaatiliste ja keskkonnasõbralike põlevkivi või selle saaduste töötlemise tehnoloogiate arendamine
Siirde, Andres TeadusEST 2021 : teaduse roll riigi juhtimisel 2021 / lk. 8 : ill https://www.ester.ee/record=b5482277*est

Investigating the pyrolysis of oil shale using TGA-MS
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 30 : ill http://www.ester.ee/record=b4751282*est

Investigating the pyrolysis of oil shale using TGA-MS [Online resource]
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill http://fmtdk.ut.ee/teesid/

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

Investigation of steam turbine blades damage and reliability in a power plant
Molodtsov, Artjom; **Dedov, Andrei**; **Klevtsov, Ivan**; **Kommel, Lembit**; **Lausmaa, Toomas**; **Mikli, Valdek** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 89-94 : ill https://www.scientific.net/KEM.799.89 https://www.ester.ee/record=b5235278*est
https://doi.org/10.4028/www.scientific.net/KEM.799.89 Conference proceeding at Scopus Article at Scopus

Investigation of the evolution of sulphur during the thermal degradation of di□erent oil shales
Maaten, Birgit; **Loo, Lauri**; **Konist, Alar**; **Pihu, Tõnu**; **Siirde, Andres** Journal of analytical and applied pyrolysis 2017 / p. 405-411 : ill https://doi.org/10.1016/j.jaap.2017.09.007 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Jätkusuutlik kaugküte : digitaalne õpik
Volkova, Anna; **Latõšov, Eduard**; **Mašatin, Vladislav**; **Krupenski, Igor**; **Siirde, Andres** 2022
https://digikogu.taltech.ee/et/Item/5dd01aa2-609e-40ee-9927-4b708315faa1 https://www.ester.ee/record=b5491563*est

Kaljulaid: No claims should be made that we build the oil plant regardless
Nael, Merili; Kersa, Kristina news.err.ee 2023 Kaljulaid: No claims should be made that we build the oil plant regardless

Kas 110 aastat põlevkivitarkust rohepöörde prügikasti? Professor soovitab hoopis uue elektrijaama ehitamist
Konist, Alar maaleht.delfi.ee 2025 https://maaleht.delfi.ee/artikkel/120362609/kas-110-aastat-polevkivitarkust-rohepoorde-prugikasti-professor-soovitab-hoopis-uue-elektrijaama-ehitamist

"Kas 350 miljonit läheb vanarauaks" : lühike ülevaade

Konist, Alar Elektriala 2023 / lk. 12-13 https://www.ester.ee/record=b1240496*est

Kas põlevkivienergeetikal on tulevikku?
Konist, Alar Riigikogu Toimetised 2023 / lk. 41-50 : ill https://rito.riigikogu.ee/wordpress/wp-content/uploads/2023/06/RiTo_47_2023.pdf https://www.ester.ee/record=b1361123*est

Kas põlevkivil on kohta ka tulevikus?
Konist, Alar Riigikogu Toimetised 2019 / lk. 201-212 : ill https://rito.riigikogu.ee/eelmised-numbrid/kas-polevkivil-on-kohta-ka-tulevikus/ https://www.ester.ee/record=b1361123*est

Kas põlevkivist gaasi tootmine aitaks parandada Eesti energiavarustuskindlustust 2.
Siirde, Andres Elektriala 2022 / lk. 10-11 : portr https://www.ester.ee/record=b1240496*est

Kas põlevkivist gaasi tootmine* aitaks parandada Eesti energiavarustuskindlustust 1.
Siirde, Andres Elektriala 2022 / lk. 11-13 : ill https://www.ester.ee/record=b1240496*est

Kas üliodavate vidinate ostuparadiis või petuskeem tuleviku arvelt?
Ummik, Mari-Liis Sakala 2024 / lk. 2 https://dea.digar.ee/article/sakala/2024/12/13/3.3

Kaubapõlevkivi = Oil shale as a product
2023 https://www.ester.ee/record=b5650547*est

Kaugjahutuse keskkonnasäästlik revolutsioon
Hurt, Kadri Kestlik Eesti 2024 / lk. 27-28 https://www.ester.ee/record=b5678518*est

Kliimamuutuste leevendamine läbi CCS ja CCU tehnoloogiate
Konist, Alar TeadusEST 2021 : teaduse roll riigi juhtimisel 2021 / lk. 6 : ill https://www.ester.ee/record=b5482277*est

Kliimaneutraalsus on saavutatav ka põlevkiviga, rakendades CO2 püüdmise CCU- ja CCS-tehnloogiaid
Konist, Alar TööstusEST 2021 / lk. 62-64 : ill http://www.ester.ee/record=b4481084*est

Konist: Eesti peaks energeetikas keskenduma eelkõige oma ressurssidele
Konist, Alar err.ee 2025 Konist: Eesti peaks energeetikas keskenduma eelkõige oma ressurssidele

Konist: Eesti peaks kiirendama kasvuhoonegaaside vähendamist, aga kuidas?
Konist, Alar err.ee 2024 Konist: Eesti peaks kiirendama kasvuhoonegaaside vähendamist, aga kuidas?

Konist: energia tootmine peaks olema kui supi keetmine, Strandberg: kui taastuvenergiat õnnestub salvestada, siis energiakriise ei saagi tekkida [Võrguväljaanne]
Konist, Alar; Strandberg, Marek pealinn.ee 2022 "Konist: energia tootmine peaks olema kui supi keetmine, Strandberg: kui taastuvenergiat õnnestub salvestada, siis energiakriise ei saagi tekkida"

Kuhu liiguvad ohtlikud jäätmed, mis lru jäätmepõletusse ei sobi?
Ummik, Mari-Liis postimees.ee 2024 Kuhu liiguvad ohtlikud jäätmed, mis lru jäätmepõletusse ei sobi?

Kuidas korraldada hoonete renoveerimist?
Volkova, Anna; Umbleja, Siim Eesti Päevaleht 2023 / lk. 4 https://dea.digar.ee/article/eestipaevaleht/2023/03/21/5.3

Kütuse põletamine lämmastikuvabas keskkonnas
Ots, Arvo Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 152-160 : ill., fot https://www.ester.ee/record=b5208765*est

Kütuselisandid: meile meeldib, aga me ei tea täpselt, miks
,
Suur lugu: kas kütuselisandid päriselt ka toimivad ja kuidas need autole mõjuvad?
Tampere, Uku Autoleht 2023 / Lk. 50-53 Suur lugu: kas kütuselisandid päriselt ka toimivad ja kuidas need autole mõjuvad? https://www.ester.ee/record=b1240587*est

Large-scale experimental investigation of heat transfer augmentation technique in gas-heated channels
Nešumajev, Dmitri; **Pihu, Tõnu**; **Konist, Alar**; **Siirde, Andres** International Heat Transfer Conference 16 : 2018, 10-15 August, Beijing, China 2018 / p. 5619-5626 http://dx.doi.org/10.1615/IHTC16.hte.024075

Large-scale heat pumps for district heating systems in the Baltics : potential and impact
Volkova, Anna; Koduvere, Hardi; Pieper, Henrik Renewable and sustainable energy reviews 2022 / art. 112749 https://doi.org/10.1016/j.rser.2022.112749 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Leedus kummitab Ignalina tuumajaama vare
Kapper, Külli postimees.ee 2024 Leedus kummitab Ignalina tuumajaama vare

Life cycle assessment of enfanced oil shale retorting technology
Eldermann, Meelis; **Gušča, Julija**; **Siirde, Andres** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 36 http://www.ester.ee/record=b4751282*est

Long-term mineral transformation of Ca-rich oil shale ash waste
Leben, Kristjan; Mõtlep, Riho; Paaver, Peeter; **Konist, Alar**; **Pihu, Tõnu** Science of the total environment 2019 / p. 1404-1415 : ill https://doi.org/10.1016/j.scitotenv.2018.12.326 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Long-term modelling of fly ash and radionuclide emissions as well as deposition fluxes due to the operation of large oil shale-fired power plants
Vaasma, Taavi; Kaasik, Marko; **Loosaar, Jüri**; Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 232-244 : ill https://doi.org/10.1016/j.jenvrad.2017.08.017 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Long-term policy recommendations for improving the efficiency of heating and cooling
Laktuka, Krista; Pakere, Ieva; Lauka, Dace; Blumberga, Dagnija; **Volkova, Anna** Environmental and Climate Technologies 2021 / p. 392–404 : ill https://doi.org/10.2478/rtuect-2021-0029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mari-Liis Ummik: kuidas päästa maailma, kui see tundub üha enam võimatu?
Ummik, Mari-Liis err.ee 2023 Mari-Liis Ummik: kuidas päästa maailma, kui see tundub üha enam võimatu?

Material properties of clay and lime based plaster for structural design
Liblik, Johanna; **Just, Alar**; **Maaten, Birgit**; Sulg, M.; **Pajusaar, Siim** 15th International Interflam Conference : Interflam 2019, 1-3 July, 2019 : Programme 2019 / p. 1813-1824
http://www.intersciencecomms.co.uk/html/conferences/Interflam/if19/Interflam%202019%20Table%20of%20Contents.pdf

Material properties of clay and lime plaster for structural fire design
Liblik, Johanna; Küppers, Judith; **Just, Alar**; **Maaten, Birgit**; **Pajusaar, Siim** Fire and materials 2021 / p. 355-365 : ill https://doi.org/10.1002/fam.2798 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Methanogenesis and metal leaching on anaerobic decomposition of graptolite argillite
Menert, Anne; Korb, Triin; Orupõld, Kaja; Teemusk, Alar; Sepp, Holar; Mander, Ülo; Ilmjärv, Tanel; Truu, Jaak; Paiste, Päärn; Kirsimäe, Kalle; Menert, Terje; **Kamenev, Inna**; Heinaru, Eeva; Heinaru, Ain; Kulli, Sirli Sipp; Kivisaar, Maia Environmental Technology and Innovation 2023 / art. 103139 https://doi.org/10.1016/j.eti.2023.103139 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Method for assessing heat loss in a district heating network with a focus on the state of insulation and actual demand for useful energy
Chicherin, Stanislav; Mašatin, Vladislav; **Siirde, Andres**; **Volkova, Anna** Energies 2020 / art. 4505, 15 p. : ill https://doi.org/10.3390/en13174505 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Method of linear approximation of COP for heat pumps and chillers based on thermodynamic modelling and off-design operation
Pieper, Henrik; **Krupenski, Igor**; Markussen, Wiebke Brix; Ommen, Torben; **Siirde, Andres**; **Volkova, Anna** Energy 2021 / art. 120743 : ill https://doi.org/10.1016/j.energy.2021.120743 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Methodological approach to determining the effect of parallel energy consumption on district heating system
Latõšov, Eduard; **Volkova, Anna**; **Siirde, Andres**; **Kurnitski, Jarek**; **Thalfeldt, Martin** Environmental and Climate Technologies 2017 / p. 5-14 : ill https://doi.org/10.1515/rtuect-2017-0001 Journal metrics at Scopus Article at Scopus

Methodology for evaluating the transition process dynamics towards 4th generation district heating systems
Volkova, Anna; **Mašatin, Vladislav**; **Siirde, Andres** Energy 2018 / p. 253-261 : ill https://doi.org/10.1016/j.energy.2018.02.123 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Microstructure evolution of TiC cermets with ferritic AISI 430L steel binder
Kolnes, Märt; **Mere, Arvo**; **Kübarsepp, Jakob**; **Viljus, Mart**; **Maaten, Birgit**; **Tarraste, Marek** Powder metallurgy 2018 / p. 197-209 : ill https://doi.org/10.1080/00325899.2018.1447268 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mida tõhusa kaugkütte märgis tegelikult tähendab?
Latõšov, Eduard Ehitusuudised : [ajalehe Äripäev lisa] 2022 / Lk. 14 https://dea.digar.ee/article/apehitus/2022/05/12/16.2

Mineral and heavy metal composition of oil shale ash from oxyfuel combustion
Konist, Alar; **Nešumajev, Dmitri**; **Baird, Zachariah Steven**; Anthony, Edward J.; Maasikmets, Marek; **Järvik, Oliver** ACS Omega 2020 / p. 32498–32506 : ill https://doi.org/10.1021/acsomega.0c04466 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

Mineral matter effect on the decomposition of Ca-rich oil shale
Maaten, Birgit; **Loo, Lauri**; **Konist, Alar** JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Themoanalytical Conference: Budapest Hungary, June 6-9, 2017 : Book of Abstracts 2017 / p. 100-101 https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf

Mineral matter effect on the decomposition of Ca-rich oil shale
Maaten, Birgit; **Loo, Lauri**; **Konist, Alar** JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference : June 6–9, 2017, Budapest, Hungary : Book of Abstracts 2017 / p. 100-101 : ill https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf

Mis võivad olla Eesti kõrgete energiahindade juurpõhjused?
Konist, Alar Arvamus, kultuur : [ajalehe Postimees lisa] 2022 / Lk. 9 https://dea.digar.ee/article/ak/2022/01/15/8.1

Modelling framework for integration of large-scale heat pumps in district heating using low-temperature heat sources : A case study of Tallinn, Estonia
Pieper, Henrik; Mašatin, Vladislav; **Volkova, Anna**; Ommen, Torben; Elmegaard, Brian; Markussen, Wiebke Brix International journal of sustainable energy planning and management 2019 / p. 67–86 : ill https://doi.org/10.5278/ijsepm.2019.20.6 Journal metrics at Scopus Article at Scopus

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 Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multi-source district heating system full decarbonization strategies: Technical, economic, and environmental assessment
Pakere, Ieva; Feofilovs, Maksims; **Lepiksaar, Kertu**; Vītoliņš, Valdis; Blumberga, Dagnija Energy 2023 / art. 129296 https://doi.org/10.1016/j.energy.2023.129296 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

Naisteadlasi kütkestab vaheldusrikkus ja võimalus maailma muuta
Grossberg-Kuusk, Maarja; **Volkova, Anna**; **Miller, Annette**; **Roos, Kristine**; **Tammik, Mari-Liis**; **Kuhi-Thalfeldt, Reeli**; **Avarmaa, Mari**; **Stein, Mari-Klara** novaator.err.ee 2023 Naisteadlasi kütkestab vaheldusrikkus ja võimalus maailma muuta

A new research project aims to make industry more waste-free and up-grade the materials through chemical looping gasification (CLG)
Tamm, Kadriann; **Baqain, Mais Hanna Suleiman** researchinestonia.eu 2024 https://researchinestonia.eu/2024/12/12/industry-waste-free-through-clg/

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

NOx and N2O emissions from Ca-rich fuel conversion in oxyfuel circulating fluidized bed combustion
Baqain, Mais Hanna Suleiman; **Nešumajev, Dmitri**; **Konist, Alar** Thermal science and engineering progress 2023 / art. 101938 https://doi.org/10.1016/j.tsep.2023.101938 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nutika kaugkütte rakendus teeb tarbijad teadlikumaks
Mente et Manu 2018 / lk. 36 : fot http://www.ester.ee/record=b1242496*est http://dea.digar.ee/publication/AKmenteetmanu https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868935*est

Obstacles for implementation of 4th generation district heating for large scale networks = Takistused neljanda põlvkonna kaugkütte rakendamisel suurtes kaugkütte võrkudes
Mašatin, Vladislav 2018 https://digi.lib.ttu.ee/i/?9986 https://www.ester.ee/record=b5139908*est

Oil shale
2020 https://kirj.ee/oilshale/ https://www.ester.ee/record=b1072685*est

Oil shale
2021 https://kirj.ee/oilshale/ https://www.ester.ee/record=b1072685*est

Oil shale
2019 https://kirj.ee/oilshale/ https://www.ester.ee/record=b1072685*est

Oil shale
2023 https://www.ester.ee/record=b1072685*est https://kirj.ee/oilshale/

Oil shale
2022 https://www.ester.ee/record=b1072685*est https://kirj.ee/oilshale/

Oil shale
2024 https://www.ester.ee/record=b1072685*est https://kirj.ee/oilshale/ Ajakiri Scopuses

Oil shale
2025 https://www.ester.ee/record=b1072685*est https://kirj.ee/oilshale/ Ajakiri Scopuses

Oil Shale : [ajakiri]
Siirde, Andres Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 64-65 : ill https://www.ester.ee/record=b5054043*est

Oil shale oxyfuel CFB combustion = Oxyfuel tehnoloogia rakendamine põlevkivi CFB põletamisele
Baqain, Mais Hanna Suleiman 2024 https://www.ester.ee/record=b5685168*est https://digikogu.taltech.ee/et/Item/0fdc7a64-d5bc-4310-aec2-88bfd867bce9 https://doi.org/10.23658/taltech.26/2024

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

Oil shale pyrolysis products and the fate of sulfur
Maaten, Birgit; **Järvik, Oliver**; **Pihl, Olga**; **Konist, Alar**; **Siirde, Andres** Oil shale 2020 / p. 51–69 : tab https://www.kirj.ee/33071/?tpl=1061&c_tpl=1064 https://doi.org/10.3176/oil.2020.1.03 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oliver Järvik: kliimaeesmärke aitaks kõige paremini täita vaesus
Järvik, Oliver 27. nov. 2023 Oliver Järvik: kliimaeesmärke aitaks kõige paremini täita vaesus

Oma tuumajaam vajab rohkelt ettevalmistust
Vedler, Sulev ekspress.ee 2023 Oma tuumajaam vajab rohkelt ettevalmistust

Optimal design and dispatch of electrically driven heat pumps and chillers for a new development area
Pieper, Henrik; Ommen, Torben; Elmegaard, Brian; **Volkova, Anna**; Markussen, Wiebke Brix Environmental and Climate Technologies 2021 / p. 470−482 : ill https://doi.org/10.2478/rtuect-2020-0117 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimizing solar energy integration in Tallinn's district heating and cooling systems
Lepiksaar, Kertu; Kajandi, G-M.; **Sukumaran, Sreenath**; **Krupenski, Igor**; Kirs, Tanel; **Volkova, Anna** Smart Energy 2025 / art. 100166 https://doi.org/10.1016/j.segy.2024.100166

Osale teadusprojektis! Eesti teadlased uurivad, mis takistab inimestel energiat säästmast
Serka-Sanchez, Helen ohtuleht.ee 2023 Osale teadusprojektis! Eesti teadlased uurivad, mis takistab inimestel energiat säästmast

Overview of solar photovoltaic applications for district heating and cooling
Sukumaran, Sreenath; **Laht, Janika**; **Volkova, Anna** Environmental and Climate Technologies / p. 964-979 https://doi.org/10.2478/rtuect-2023-0070 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oxidation of spark plasma sintered ZrC-Mo and ZrC-TiC composites
Yung, Der-Liang; **Maaten, Birgit**; **Antonov, Maksim**; **Hussainova, Irina** International journal of refractory metals and hard materials

2017 / p. 244-251 : ill https://doi.org/10.1016/j.ijrmhm.2017.03.019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oxyfuel conversion of Ca-rich fuel in a 60 kWth circulating fluidized bed
Baqain, Mais Hanna Suleiman; **Nešumajev, Dmitri**; **Konist, Alar** Proceedings of the 16th Greenhouse Gas Control Technologies Conference (GHGT-16) 23-24 Oct 2022 2022 / p. 1-10 https://doi.org/10.2139/ssrn.4276982

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 https://artiklid.elnet.ee/record=b2824314*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Parim lahendus on põlevkivist elektri tootmine
Konist, Alar postimees.ee 2023 / Lk. 13 Parim lahendus on põlevkivist elektri tootmine https://dea.digar.ee/article/postimees/2023/02/17/14.6

Particle Image Velocimetry - an attractive method to make the near bottom velocity field visible [Online resource]
Buschmann, Fred; **Erm, Ants**; **Listak, Madis** Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 30 https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Pb-210 and Po-210 atmospheric releases via fly ash from oil shale-fired power plants
Vaasma, Taavi; **Loosaar, Jüri**; Gyakwaa, Francis; Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry Environmental pollution 2017 / p. 210-218 : ill https://doi.org/10.1016/j.envpol.2016.12.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

PCC production from calcium-rich oxy-fuel CFBC ash
Loo, Lauri; **Konist, Alar**; Zevenhoven, Ron 30th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS 2017), San Diego, California, USA, 2 - 6 July 2017 2017 / p. 1672-1681 : ill https://www.etis.ee/File/DownloadPublic/8958054d-0303-4446-be47-7a3374d71625?name=ECOS_Loo%20et%20al-final.pdf&type=application%2Fpdf http://toc.proceedings.com/39394webtoc.pdf

Performance and feasibility analysis of electricity price based control models for thermal storages in households
Rosin, Argo; **Link, Siim**; **Lehtla, Madis**; Martins, Joao; **Drovtar, Imre**; **Roasto, Indrek** Sustainable cities and society 2017 / p. 366-374 : ill https://doi.org/10.1016/j.scs.2017.04.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Phase equilibria of complex mixture in the context of unconventional fuel resources = Kompleksete segude faaside tasakaalud mittekonventsionaalsete energiaallikate tehnoloogiates
Mozaffari, Parsa 2022 https://doi.org/10.23658/taltech.61/2022 https://digikogu.taltech.ee/et/Item/44cfd577-8d43-4408-9542-7fe74ce90e35 https://www.ester.ee/record=b5524952*est

Phase transformation and strength of hydrated circulating fluidised bed combustion ash sediment in an open environment over 15 years: implications for the long-term stability of ash waste plateaus
Konist, Alar; Paaver, Peeter; **Pihu, Tõnu**; Kirsimäe, Kalle Oil Shale 2024 / p. 145-162 : ill https://doi.org/10.3176/oil.2024.3.01 https://www.ester.ee/record=b1072685*est

Photovoltaic-powered seasonal snow storage-assisted district cooling system: Site suitability analysis and performance assessment
Sreenath, Sukumaran; **Kirs, Tanel**; **Kirs, Kristian**; **Volkova, Anna** Energy 2024 / art. 133586 https://doi.org/10.1016/j.energy.2024.133586

Physical properties of 7-Methyl-1,5,7-triazabicyclo[4.4.0]dec-5-ene (mTBD)
Baird, Zachariah Steven; Dahlberg, Artur; Uusi-Kyyny, Petri; Osmanbegovic, Nahla; Witos, Joanna; Helminen, Jussi; Cederkrantz, Daniel; Hyväri, Paulus; Alopaeus, Ville; Kilpeläinen, Ilkka; Wiedmer, Susanne K.; Sixta, Herbert; Uusi-Kyyny, Petri International journal of thermophysics 2019 / art. 71, 23 p. : ill https://doi.org/10.1007/s10765-019-2540-2

Planning of district heating regions in Estonia
Volkova, Anna; **Latõšov, Eduard**; **Lepiksaar, Kertu**; **Siirde, Andres** International journal of sustainable energy planning and management 2020 / p. 5−16 : ill https://doi.org/10.5278/ijsepm.3490 Journal metrics at Scopus Article at Scopus

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

Potential of solid residues from power plants as thermochemical energy storage materials
Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** Journal of thermal analysis and calorimetry 2020 / p. 1799−1805 https://doi.org/10.1007/s10973-020-09948-6 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Power plant ash composition transformations during load cycling [Online resource]
Rummel, Leo; **Nešumajev, Dmitri**; **Konist, Alar** Chemical engineering transactions 2018 / p. 655-660 : ill
https://doi.org/10.3303/CET1870110 Journal metrics at Scopus Article at Scopus

Power plant fuel consumption rate during load cycling
Nešumajev, Dmitri; **Rummel, Leo**; **Konist, Alar**; **Ots, Arvo**; **Parve, Teet** Applied energy 2018 / p. 124-135 : ill
https://doi.org/10.1016/j.apenergy.2018.04.063 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Predicting fuel properties from infrared spectra = Kütuse omaduste hindamine infrapunaspektrilt
Baird, Zachariah Steven 2017 https://digi.lib.ttu.ee/i/?8530 https://www.ester.ee/record=b4689447*est

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

Prediction of total product composition from pyrolysis and gasification of lignocellulosic biomass : a model for reactor design and optimization
Ochieng, Richard; **Ceron, Alejandro Lyons**; **Konist, Alar**; Sarker, Shiplu European biomass conference and exhibition proceedings 2023 / p. 959-965 http://www.etaflorence.it/proceedings/ https://doi.org/10.5071/31stEUBCE2023-5BV.10.5 Conference proceedings at Scopus Article at Scopus

A predictive approach towards using PC-SAFT for modeling the properties of shale oil
Mozaffari, Parsa; **Baird, Zachariah Steven**; **Järvik, Oliver** Materials 2022 / art. 4221 https://doi.org/10.3390/ma15124221 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Primary energy factor for district heating networks in European Union member states
Latõšov, Eduard; **Volkova, Anna**; **Siirde, Andres**; **Kurnitski, Jarek**; **Thalfeldt, Martin** Energy procedia 2017 / p. 69-77 : ill
https://doi.org/10.1016/j.egypro.2017.05.056 Conference proceedings at Scopus Article at Scopus Article at WOS

Primary method for reduction of SO2 emission in pulverized oil shale-fired boilers at Narva power plants : test 1 - water injection after superheater
Karolin, Robert; **Latõšov, Eduard**; Kleesmaa, Jüri Oil shale 2017 / p. 70-81 : ill https://doi.org/10.3176/oil.2017.1.05
https://artiklid.elnet.ee/record=b2816466*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Professor Alar Konist: kust kohast me lähitulevikus oma elektri välja võlume? [Võrguväljaanne]
Konist, Alar pohjarannik.postimees.ee 2021 "Professor Alar Konist: kust kohast me lähitulevikus oma elektri välja võlume?"

Professor Alar Konist: meretuuleparkide toetusraha eest tuleks ehitada hoopis uus põlevkivielektrijaam
Konist, Alar Maaleht 2025 / Lk. 12-14 https://dea.digar.ee/article/maaleht/2025/03/20/15.1

Promoting efficient district heating in Estonia
Latõšov, Eduard; Umbleja, Siim; **Volkova, Anna** Utilities policy 2022 / art. 101332, 9. : ill https://doi.org/10.1016/j.jup.2021.101332
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Properties and environmental impact of oil shale ash landfills
Pihu, Tõnu; **Konist, Alar**; Puura, Erik; Liira, Martin; Kirsimäe, Kalle Oil shale 2019 / p. 257–270 : ill
http://www.kirj.ee/public/oilshale_pdf/2019/issue_2/OS-2019-2-257-270.pdf https://doi.org/10.3176/oil.2019.2.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Property based ranking of CO and CO2 methanation catalysts
Kuznecova, Inga; **Gušča, Julija** Energy procedia 2017 / p. 255-260 : ill http://dx.doi.org/10.1016/j.egypro.2017.09.068

Puidukütusel põhineva kaugkütte süsinikuheide on negatiivne
TööstusEST 2022 / lk. 19 : ill http://www.ester.ee/record=b4481084*est https://toostusest.ee/ajakirjad/

Põhjalik analüüs: kas põlevkivienergeetikal on tulevikku?
rohe.geenius.ee 2023 Põhjalik analüüs: kas põlevkivienergeetikal on tulevikku?

Põlevkivi [Võrguteavik] : niiskuse määramine = Oil shale : determination of moisture
2018 https://www.ester.ee/record=b4816504*est

Põlevkivienergeetika tulevikus
Konist, Alar Maaleht 2023 / Lk. 19 https://dea.digar.ee/article/maaleht/2023/02/02/19.2 Professor Alar Konist: et saada põlevkivielektrit ka tulevikus, on vaja tehnoloogiapööret

Põlevkivist elektri tootmine ei ole tulevik
Kasepõld, Kaspar Postimees 2023 / Lk. 13 https://dea.digar.ee/article/postimees/2023/03/10/14.7

Põlevkivist toodetud elektril on tulevikku ...
Konist, Alar Elektriala 2023 / lk. 8-9 : portr., fot https://www.ester.ee/record=b1240496*est

Põlevkivituhk aitab püüda ohtlikke elemente
Konist, Alar; **Järvik, Oliver** novaator.err.ee 2024 Põlevkivituhk aitab püüda ohtlikke elemente

Põlevkivivaldkonna tehnoloogilised uuendused
Siirde, Andres TööstusEST 2018 / lk. 54-55 : ill https://www.ester.ee/record=b4481084*est https://toostusest.ee/uudis/2018/09/04/polevkivi-tehnoloogilised-uuendused/ https://artiklid.elnet.ee/record=b2865328*est

QFD framework for selection of industry development scenarios
Eldermann, Meelis; **Siirde, Andres**; **Gušča, Julija** Energy procedia 2017 / p. 230-233 : ill https://doi.org/10.1016/j.egypro.2017.09.060 Conference proceedings at Scopus Article at Scopus Article at WOS

Quantitative compositional analysis of Estonian shale oil using comprehensive two dimensional gas chromatography
Ristic, Nenad D.; Djokic, Marko R.; **Konist, Alar**; Van Geem, Kevin M.; Marin, Guy B. Fuel processing technology 2017 / p. 241-249 : ill https://doi.org/10.1016/j.fuproc.2017.07.008 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Radionuclide concentration variations in the fuel and residues of oil shale-fired power plants : estimations of the radiological characteristics over a 2-year period
Vaasma, Taavi; **Loosaar, Jüri**; Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 25-33 : ill https://doi.org/10.1016/j.jenvrad.2016.10.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reactivities of American, Chinese and Estonian oil shale semi-cokes and Argonne premium coal chars under oxy-fuel combustion conditions
Culin, Chris; Tente, Kevin; **Konist, Alar**; **Maaten, Birgit**; **Loo, Lauri** Oil shale 2019 / p. 353-369 : ill http://www.kirj.ee/32526/?tpl=1061&c_tpl=1064 https://doi.org/10.3176/oil.2019.3.01 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Recycling bitumen for composite material production : Potential applications in the construction sector
Rikmann, Ergo; Mäeorg, Uno; Vaino, Neeme; Pallav, Vello; **Järvik, Oliver**; Liiv, Jüri Applied Sciences (Switzerland) 2025 / art. 1313 https://doi.org/10.3390/app15031313

Remote energy lab - experience and improvements of European cooperation in remote labs
Klüh, Daniel; **Baqain, Mais Hanna Suleiman**; **Lyons Ceron, Alejandro**; Novak, Ondrej; Bily, Tomas; **Konist, Alar**; Gaderer, Matthias SEFI 2022 : 50th Annual Conference of The European Society for Engineering Education : proceedings 2022 / p. 2012-2017 http://www.sefi.be/wp-content/uploads/2022/12/ebook-sefi-2022-1.pdf

A review of low-temperature sub-networks in existing district heating networks : examples, conditions, replicability
Puschnigg, Stefan; Jauschnik, Gabriela; Moser, Simon; **Volkova, Anna**; Linhart, Matthias Energy Reports 2021 / p. 18-26 : ill https://doi.org/10.1016/j.egyr.2021.09.044 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega
Lepik, Piret arileht.delfi.ee 2023 Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega

Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega
Lepik, Piret arileht.delfi.ee 2023 Riigikontrolli hävitav hinnang: Eestis võib mõne aasta pärast tekkida probleeme elektri varustuskindlusega

Riik võtab kohustuse neljakordistada 2030. aastaks rohekütuste kasutamist = Estonia aims to quadruple use of green fuels by 2030
Voltri, Johannes err.ee 2024 / Lk. 28 Riik võtab kohustuse neljakordistada 2030. aastaks rohekütuste kasutamist Estonia aims to quadruple use of green fuels by 2030

Rohelepe ei tohiks põlevkivi välistada
Konist, Alar Postimees 2021 / Lk. 7 "Rohelepe ei tohiks põlevkivi välistada "

Rohepööre, energeetika proovikivi
Konist, Alar Horisont 2021 / lk. 18-24 : fot https://www.ester.ee/record=b1072243*est

Small low-temperature district heating network development prospects
Volkova, Anna; **Krupenski, Igor**; Pieper, Henrik; Ledvanov, Aleksandr; **Latõšov, Eduard**; **Siirde, Andres** Energy 2019 / p. 714-722 https://doi.org/10.1016/j.energy.2019.04.083 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Smart Energy System efficiency improvement through combined heat and power production flexibility = Targa energiasüsteemi efektiivsuse parendamine läbi koostootmise paindlikkuse tõstmise
Lepiksaar, Kertu 2024 https://www.ester.ee/record=b5685162*est https://digikogu.taltech.ee/et/Item/1bf329b0-baf7-4581-866e-fbc147c44d6c https://doi.org/10.23658/taltech.24/2024

SO2 emissions from oil shale oxyfuel combustion in a 60 kWth circulating fluidized bed
Baqain, Mais Hanna Suleiman; **Nešumajev, Dmitri**; **Konist, Alar** Energies 2024 / art. 4567 https://doi.org/10.3390/en17184567 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 https://doi.org/10.3176/oil.2019.2S.02 http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-99-113.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Soojustehnika Instituut : teadusuuringud 1936-2016
2020 https://www.ester.ee/record=b5376612*est

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

Sulfur in kukersite shale oil : its distribution in shale oil fractions and the effect of gaseous environment
Mozaffari, Sepehr; **Baird, Zachariah Steven**; **Järvik, Oliver** Journal of thermal analysis and calorimetry 2022 / p. 11601-11610 https://doi.org/10.1007/s10973-022-11359-8 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/0.3303/CET2081161 Journal metrics at Scopus Article at Scopus

Surface characterisation of Estonian oil shale semi-coke
Pikkor, Heliis; **Lees, Heidi**; **Maaten, Birgit**; **Järvik, Oliver**; **Konist, Alar** Chemical engineering transactions 2020 / p. 853-858 : ill https://doi.org/0.3303/CET2081143 Journal metrics at Scopus Article at Scopus

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

Synthesis strategies and hydrogen storage performance of porous carbon materials derived from bio-oil
Xu, Fanfan; **Nešumajev, Dmitri**; **Konist, Alar** Chemical engineering journal 2025 / art. 159381 https://doi.org/10.1016/j.cej.2025.159381

Zachariah Steven Baird: põlevkivielektrijaamad on ohtlikumad kui tuumajaamad [Võrguväljaanne]
Baird, Zachariah Steven postimees.ee 2022 "Zachariah Steven Baird: põlevkivielektrijaamad on ohtlikumad kui tuumajaamad "

TalTech osaleb projektis, mis aitab tagada ELis energiajulgeolekut ja vähendada CO2 jalajälge
digi.geenius.ee 2024 TalTech osaleb projektis, mis aitab tagada ELis energiajulgeolekut ja vähendada CO2 jalajälge

TalTech professor urges network fee pricing revamp, keeping oil shale
Konist, Alar news.err.ee 2023 TalTech professor urges network fee pricing revamp, keeping oil shale

TalTech toob päikeselise tuleviku
Ehitaja 2023 / lk. 34-35 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2904074*est

TalTechi tasuta energeetikalaagrist võttis osa nii palju lapsi, et korraldada tuli veebiülekanne
postimees.ee 2023 TalTechi tasuta energeetikalaagrist võttis osa nii palju lapsi, et korraldada tuli veebiülekanne

Tark ei torma: kas Eesti energiapoliitika on liialt rutakas?
Vaaks, Eveliis Trialoog 2025 https://trialoog.taltech.ee/tark-ei-torma-kas-eesti-energiapoliitika-on-liialt-rutakas/

Teadlane Oliver Järvik: ülikoolis töötavad fanaatikud, kellele töö ongi hobi
Jakobson, Maris postimees.ee 2023 Teadlane Oliver Järvik: ülikoolis töötavad fanaatikud, kellele töö ongi hobi

Teadurid tegutsevad: energiakavasid saab peagi luua suurema vaevata
Hallik, Liina ohtuleht.ee 2023 Teadurid tegutsevad: energiakavasid saab peagi luua suurema vaevata

A technical analysis of oil shale firing power units retrofitting for carbon capture and storage (CCS)
Konist, Alar; **Järvik, Oliver**; **Baird, Zachariah Steven**; **Nešumajev, Dmitri** Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 7 p https://doi.org/10.2139/ssrn.3819278

Technical improvement potential of large district heating network : application to the case of Tallinn, Estonia
Latõšov, Eduard; **Volkova, Anna**; Hlebnikov, Aleksandr; **Siirde, Andres** Energy procedia 2018 / p. 337-344 : ill https://doi.org/10.1016/j.egypro.2018.08.197 Conference Proceedings at Scopus Article at Scopus Article at WOS

Techno-economic analysis of a 5th generation district heating system using thermo-hydraulic model : a multi-objective analysis for a case study in heating dominated climate
Saini, Puneet; Huang, Pei; Fiedler, Frank; **Volkova, Anna**; Zhang, Xingxing Energy and buildings 2023 / art. 113347 https://doi.org/10.1016/j.enbuild.2023.113347 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Techno-economic assessment of CO2 capture possibilities for oil shale power plants
Saia, Artjom; **Nešumajev, Dmitri**; **Hazak, Aaro**; Sander, Priit; **Järvik, Oliver**; **Konist, Alar** Renewable and sustainable energy reviews 2022 / art. 112938, 11 p. : ill https://doi.org/10.1016/j.rser.2022.112938 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Tehnikaülikool ootab õppima eriti insenere ja energeetikuid
Mariste, Külli; Lepiksaar, Kertu pealinn.ee 2024 Tehnikaülikool ootab õppima eriti insenere ja energeetikuid

Tehnikaülikool rakendab rohepöörde veduriks sünergia
digi.geenius.ee 2024 Tehnikaülikool rakendab rohepöörde veduriks sünergia

Tehnikaülikooli doktorant töötas välja mooduse, kuidas Eesti saaks põlevkivitööstust oluliselt rohelisemaks muuta
Baqain, Mais Hanna Suleiman digi.geenius.ee 2024 Tehnikaülikooli doktorant töötas välja mooduse, kuidas Eesti saaks põlevkivitööstust oluliselt rohelisemaks muuta https://digikogu.taltech.ee/et/item/0fdc7a64-d5bc-4310-aec2-88bfd867bce9

Tehnikaülikooli teadlased tahavad teada, mis takistab meil energiat säästa
Lepiksaar, Kertu postimees.ee 2023 https://teadus.postimees.ee/7729599/tehnikaulikooli-teadlased-tahavad-teada-mis-takistab-meil-energiat-saasta

Tehniliste paigaldiste termiline isoleerimine [Võrguteavik] : torustikud, mahutid ja seadmed. Soojusisolatsiooni teostus = Thermal insulation of technical equipment : insulation of pipes, vessels and equipment. Application of thermal insulation
2020 https://www.ester.ee/record=b5381894*est

Tehniliste paigaldiste termiline isoleerimine. Osa 1, Torustikud, mahutid ja seadmed. Isolatsioonimaterjalid ja -elemendid [Võrguteavik] = Thermal insulation of technical equipment. Part 1, Insulation of pipes, vessels and equipment. Insulating materials and elements
2020 https://www.ester.ee/record=b5381873*est

Tehniliste paigaldiste termiline isoleerimine. Osa 6, Torustikud, mahutid ja seadmed. Külmaisolatsioon [Võrguteavik] = Thermal insulation of technical equipment. Part 6, Insulation of pipes, vessels and equipment. Cold insulation
2020 https://www.ester.ee/record=b5381882*est

Temperature and pressure dependence of density of a shale oil and derived thermodynamic properties
Baird, Zachariah Steven; Uusi-Kyyny, Petri; Järvik, 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

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

The composition and reactivity of different oil shales and the products formed during thermal treatment = Erinevate põlevkivide koostis ja reaktiivsus ning nende termilisel töötlusel tekkivad produktid
Maaten, Birgit 2018 http://www.ester.ee/record=b4905661*est https://digi.lib.ttu.ee/i/?9817 https://www.ester.ee/record=b4905661*est

The oil-shale 1,5 D combustion model for circulating fluidized bed (CBF) boilers
Nešumajev, Dmitri; **Pihu, Tõnu**; **Konist, Alar**; **Siirde, Andres** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 27
http://www.ester.ee/record=b4751282*est

The potential of thermal energy storage technologies in district heating system in Estonia
Volkova, Anna; **Latõšov, Eduard**; **Andrijaškin, Maksim**; **Siirde, Andres** Energy procedia 2017 / 8 p. : ill

The review of the results of performed EU projects on reed and meadow grasses in Estonia and Finland
Kask, Ülo; **Link, Siim**; **Iital, Arvo**; Ikonen, Iiro; Mander, Ülo; Miljan, Jaan RRR2017 : Renewable Resources from Wet and Rewetted Peatlands :September 26th - 28th 2017, Greifswald, Germany : proceedings 2017 / 185 p. : ill
https://www.moorwissen.de/doc/aktuelles/veranstaltungen/rrr2017//downloads/RRR2017%20-%20proceedings%20-%20web.pdf

Toodame koos elektriga ka vajaminevaid materjale! : [juhtkiri]
Konist, Alar Elektriala 2023 / lk. 5 : fot https://www.ester.ee/record=b1240496*est

Toodete tuletundlikkuse katsed [Võrguteavik] : ülemise põlemissoojuse määramine (küttevääртus) = Reaction to fire tests for products : determination of the gross heat of combustion (calorific value) (ISO 1716:2018)
Nuutre, Maaris 2018 https://www.ester.ee/record=b5159938*est

Transition metal-containing nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol for anion exchange membrane fuel cell application
Kisand, Kaarel; Sarapuu, Ave; Danilian, Dmytro; Kikas, Arvo; Kisand, Vambola; Rähn, Mihkel; Treshchalov, Alexey; Käärik, Maike; Merisalu, Maido; **Paiste, Päärn** Journal of colloid and interface science 2021 / p. 263-274 https://doi.org/10.1016/j.jcis.2020.09.114 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Transition towards university campus carbon neutrality by connecting to city district heating network
Hiltunen, Pauli; **Volkova, Anna**; **Latõšov, Eduard**; **Lepiksaar, Kertu**; Syri, Sanna Energy reports 2022 / p. 9493-9505
https://doi.org/10.1016/j.egyr.2022.07.055 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Transition-metal- and nitrogen-doped carbide-derived carbon/carbon nanotube composites as cathode catalysts for anion-exchange membrane fuel cells
Lilloja, Jaana; Kibena-Põldsepp, Elo; Sarapuu, Ave; Douglin, John C.; Käärik, Maike; Kozlova, Jekaterina; **Paiste, Päärn**; Kikas, Arvo; Aruväli, Jaan; Leis, Jaan ACS catalysis 2021 / p. 1920-1931 https://doi.org/10.1021/acscatal.0c03511 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

TTÜ professor soovitas muuta elektri võrgutasude hinnastamist ja jätkata põlevkivienergeetikaga
Ots, Mait err.ee 2023 TTÜ professor soovitas muuta elektri võrgutasude hinnastamist ja jätkata põlevkivienergeetikaga Energeetikaprofessor Alar Konist: põlevkivi ja põlevkivitehnoloogiat võiksime ka tulevikus kasutada

TTÜ professor: Riik ei peaks elektri tootmisel välistama põlevkivi [Võrguväljaanne]
Konist, Alar rohe.geenius.ee 2022 TTÜ professor: Riik ei peaks elektri tootmisel välistama põlevkivi

Tänavu pürgib neljale akadeemikukohale 20 kandidaati [Võrguväljaanne]
novaator.err.ee 2021 / fot Tänavu pürgib neljale akadeemikukohale 20 kandidaati

Use of absorption heat pumps to raise district cooling waste heat temperature for district heating supply in Tallinn : technical and economic analysis
Kirs, Tanel; **Sukumaran, Sreenath**; **Latõšov, Eduard**; **Volkova, Anna** Environmental and Climate Technologies 2024 / p. 409-421 https://doi.org/10.2478/rtuect-2024-0032

Utilization of geothermal energy : New possibilities for district heating networks in the Baltic states
Zajacs, Aleksandrs; **Šogenova, Alla**; **Šogenov, Kazbulat**; **Volkova, Anna**; Sliaupa, Saulius; Sliaupiene, Rasa; Jõeleht, Argo Renewable energy 2025 / art. 122375 https://doi.org/10.1016/j.renene.2025.122375 https://doi.org/10.1016/j.renene.2025.122711

Utilization of pyrolytic wastewater in oil shale fired CFBC boiler
Konist, Alar; **Järvik, Oliver**; **Pikkor, Heliis**; **Nešumajev, Dmitri**; **Pihu, Tõnu** Journal of cleaner production 2019 / p. 487-493 : ill
https://doi.org/10.1016/j.jclepro.2019.06.213 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Valorisation of waste heat in existing and future district heating systems
Pakere, Ieva; Blumberga, Dagnija; **Volkova, Anna**; **Lepiksaar, Kertu**; Zirne, Agate Energies 2023 / art. 6796
https://doi.org/10.3390/en16196796 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Vapor pressures of phenolic compounds found in pyrolysis oil
Mozaffari, Parsa; **Järvik, Oliver**; **Baird, Zachariah Steven** Journal of chemical & engineering data 2020 / p. 5559−5566 https://doi.org/10.1021/acs.jced.0c00675 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Vapor pressures, densities, and PC-SAFT parameters for 11 bio-compounds
Baird, Zachariah Steven; Uusi-Kyyny, Petri; Pokki, Juha-Pekka; Pedegert, Emilie; Alopaeus, Ville International journal of thermophysics 2019 / art. 102, 36 p. : ill https://doi.org/10.1007/s10765-019-2570-9

Vapor–liquid equilibrium of ionic liquid 7-methyl-1,5,7-triazabicyclo[4.4.0]dec-5-enium acetate and its mixtures with water
Baird, Zachariah Steven; Uusi-Kyyny, Petri; Witos, Joanna; Rantamäki, Antti H.; Sixta, Herbert; Wiedmer, Susanne K.; Alopaeus, Ville Journal of Chemical & Engineering Data 2020 / p. 2405–2421 https://doi.org/10.1021/acs.jced.9b01039

Vapour pressure data for 2-n-propylresorcinol, 4-ethylresorcinoland 4-hexylresorcinol near their normal boiling points measuredby 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

Vee kvaliteet : lahustunud hapniku sisalduse määramine. Optilise sensori meetod = Water quality : determination of dissolved oxygen. Optical sensor method (ISO 17289:2014, identical)
2023 https://www.ester.ee/record=b5643414*est

Vesiniku kasutamine transpordis ning energeetikas toob omajagu muresid
Klementi, Joakim Joakim Klementi err.ee 2023 Vesiniku kasutamine transpordis ning energeetikas toob omajagu muresid

What does environmentally sustainable higher education institution mean?
Freidenfelds, Davis; Kalnins, Silvija Nora; **Gušča, Julija** Energy procedia 2018 / p. 42-47 https://doi.org/10.1016/j.egypro.2018.07.031

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

Äkki ikka vana hea põlevkivi aitab meil energiavaesusest pääseda?
Konist, Alar TööstusEST 2021 / lk. 60-61 : fot http://www.ester.ee/record=b4481084*est

Ükski erakond kalli elektri probleemile lahendusi ei paku
Konist, Alar Postimees 2023 / Lk. 14 Ükski erakond kalli elektri probleemile lahendusi ei paku https://dea.digar.ee/article/postimees/2023/01/17/14.12

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

Алар Конист: Откуда мы станем в ближайшем будущем получать свою электроэнергию? [Online resource]
Konist, Alar severnojepoberezhje.postimees.ee 2021 "Алар Конист: Откуда мы станем в ближайшем будущем получать свою электроэнергию? "

Алар Конист: по сравнению с остальной Европой нормы выбросов в Эстонии слишком строгие
Konist, Alar rus.err.ee 2024 Алар Конист: по сравнению с остальной Европой нормы выбросов в Эстонии слишком строгие

В TalTech пятикратный чемпион Олимпиады поборется за приз 700 евро
rus.delfi.ee 2023 В TalTech пятикратный чемпион Олимпиады поборется за приз 700 евро

Ветры перемен в энергетике: за стоимость тепла переживать не стоит
Krupenski, Igor dv.ee 2025 Ветры перемен в энергетике: за стоимость тепла переживать не стоит

Женщина в науке: профессор TalTech – о теплоэнергетике, детях и стереотипах
Volkova, Anna rus.err.ee 2023 Женщина в науке: профессор TalTech – о теплоэнергетике, детях и стереотипах

Игорь Крупенский о лагере по энергетике: сейчас фирмы сами обращаются к нам
Krupenski, Igor dv.ee 2024 Игорь Крупенский о лагере по энергетике: сейчас фирмы сами обращаются к нам

Игорь Крупенский: как остановить ценовое ралли на рынке природного газа? [Online resources]

Krupenski, Igor rus.err.ee 2022 Игорь Крупенский: как остановить ценовое ралли на рынке природного газа?

Игорь Крупенский: летом будут гуманные коммунальные платежи
Krupenski, Igor Stolitsa.ee 2023 Игорь Крупенский: летом будут гуманные коммунальные платежи

Игорь Крупенский: тепло и свет-две стороны энергетическом безопасности
Krupenski, Igor Stolitsa 2022 / с. 10-11 Игорь Крупенский: тепло и свет-две стороны энергетическом безопасности Игорь Крупенский: тепло и свет-две стороны энергетическом безопасности Игорь Крупенский: тепло и свет-две стороны энергетическом безопасности

Конист: Эстонии следует прежде всего полагаться на собственные ресурсы в развитии энергетики
Konist, Alar rus.err.ee 2025 Конист: Эстонии следует прежде всего полагаться на собственные ресурсы в развитии энергетики

Крупенский: в области электроэнергии необходим переход [Online resource]
Stolitsa.ee 2021 "Крупенский: в области электроэнергии необходим переход"

Крупенский: люди делают выбор в пользу энергоэффективности [Online resource]
Krupenski, Igor Stolitsa.ee 2021 "Крупенский: люди делают выбор в пользу энергоэффективности"

Крупенский: этот год очень важен для Эстонии
Krupenski, Igor rus.delfi.ee 2024 Крупенский: этот год очень важен для Эстонии

Латышов: новые мощности надо строить без дотаций [Online resource]
Latõšov, Eduard Stolitsa.ee 2022 "Латышов: новые мощности надо строить без дотаций "

Нас ждет нехватка в 5000 инженеров. И их нельзя будет завезти из-за рубежа, как программистов
Krupenski, Igor rus.delfi.ee 2023 Нас ждет нехватка в 5000 инженеров. И их нельзя будет завезти из-за рубежа, как программистов

Ни одна партия не предлагает решения проблемы дорогого электричества
Konist, Alar rus.postimees.ee 2023 Ни одна партия не предлагает решения проблемы дорогого электричества

Откуда мы станем в ближайшем будущем получать свою электроэнергию? [Online resource]
Konist, Alar Северное побережье (Пыхьяранник) 2021 "Откуда мы станем в ближайшем будущем получать свою электроэнергию? "

Парламент в качестве вопроса государственной важности обсудил плюсы и минусы "зеленого поворота"
Oižinski, Vladimir rus.err.ee 2023 Парламент в качестве вопроса государственной важности обсудил плюсы и минусы "зеленого поворота"

Профессор Алар Конист: такими темпами о дешевом электричестве можно забыть
Konist, Alar dv.ee 2025 https://www.dv.ee/novosti/2025/05/05/professor-alar-konist-takimi-tempami-o-deshevom-jelektrichestve-mozhno-zabyt

Профессор: в Эстонии есть все предпосылки для развития сланцевой энергетики
stena.ee 2023 Профессор: в Эстонии есть все предпосылки для развития сланцевой энергетики Парламент в качестве вопроса государственной важности обсудил плюсы и минусы "зеленого поворота"

Профессор: мы слишком мало инвестировали в энергетику [Online resource]
Konist, Alar Stolitsa.ee 2022 "Профессор: мы слишком мало инвестировали в энергетику"

Стоит ли опасаться отключения от российской сети?
dv.ee 2024 Стоит ли опасаться отключения от российской сети?

Эйнари Кизель: государство прекратит субсидирование любых производителей электроэнергии
Kisel, Einari rus.err.ee 2025 https://rus.err.ee/1609732641/jejnari-kizel-gosudarstvo-prekratit-subsidirovanie-ljubyh-proizvoditelej-jelektrojenergii

Эксперт о проблемах Eesti Energia: наши нормы выбросов строже, чем в Европе
rus.postimees.ee 2024 Эксперт о проблемах Eesti Energia: наши нормы выбросов строже, чем в Европе

Эксперты сомневаются в необходимости новой высоковольтной ЛЭП между Эстонией и Латвией
Voltri, Johannes rus.err.ee 2025 Эксперты сомневаются в необходимости новой высоковольтной ЛЭП между Эстонией и Латвией

Энергетик Игорь Крупенский прокомментировал рекордные инвестиции в инженерное образование
Krupenski, Igor rus.delfi.ee 2024 Энергетик Игорь Крупенский прокомментировал рекордные инвестиции в инженерное образование

Энергетик: время дешевой энергии уже позади

dv.ee 2024 Энергетик: время дешевой энергии уже позади

Энергетик: Эстония могла бы активнее использовать снег и даже его продавать
rus.err.ee 2024 Энергетик: Эстония могла бы активнее использовать снег и даже его продавать Энергетик: Эстонии стоит использовать снег как природный ресурс

Энергетический лагерь Enerhack пользуется оглушительным успехом
rus.delfi.ee 2024 Энергетический лагерь Enerhack пользуется оглушительным успехом

Энергетический лагерь для детей: электромобиль своими руками
Krupenski, Igor Stolitsa.ee 2023 Энергетический лагерь для детей: электромобиль своими руками