

Analysis of Kazakhstan oil shale deposits in accordance with resource estimation practices for consideration of potential shale oil reserves

Sabanov, Sergei; **Konist, Alar**; Korshunova, Ruslana Energies 2025 / art. 621 <https://doi.org/10.3390/en18030621>

Antimony- and Bismuth-Based Ionic Liquids as Efficient Adsorbents for the Removal of Dyes

Zafar, Anham; **Rafique, Nouman**; Batool, Saadia; Saleem, Muhammad; Alhodaib, Aiyeshah; Waseem, Amir Catalysts 2025 / art. 492 <https://doi.org/10.3390/catal15050492>

Combustion behavior of solid waste fuels in the vertical tube reactor under different oxy-fuel environments

Mukhambet, Yerkebulan; Ybray, Sultan; Shah, Dhawal; **Konist, Alar**; Sarbassov, Yerbol Process Safety and Environmental Protection 2024 / p. 760-768 <https://doi.org/10.1016/j.psep.2024.10.062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decarbonisation options of district heating peak loads

Volkova, Anna; Moser, Simon; Jauschnik, Gabriela; **Hlebnikov, Aleksandr**; **Ali, Hesham Abed Al-Same Jamil**; Cecchin, Chiara 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 203-204 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Deep eutectic solvents as phase change materials for efficient thermal energy storage

Rafique, Nouman; Koel, Mihkel; **Järvik, Oliver** 7th Edition of the Iberoamerican Meeting on Ionic Liquids 2024 / p. 40 https://media.sci-meet.com/imil2024.events.chemistry.pt/5b2baf78-e9f0-4f60-9f54-9a115d3be118/BookAbstracts_IMIL2024_FINAL_2.pdf

Dimethyl 6-(N,N-Dimethylamino)naphthalene-2,3-dicarboxylate, a key intermediate in the preparation of dimethylaminonaphthalimide-based fluorophores

Mastitski, Anton; Vellemäe, Eerold; Kuleša, Maksim; **Konist, Alar**; Järv, Jaak Organic preparations and procedures international 2025 / 10 p <https://doi.org/10.1080/00304948.2025.2451417>

Electrolysis waste heat utilization towards district heating – a case study for Norway

Kauko, Hanne; Tommasini, Davide; Marx, Nicolas; Wimmer, Yannick; Reuter, Stefan; Puschnigg, Stefan; Moser, Simon; **Volkova, Anna**; **Ali, Hesham Abed Al-Same Jamil** 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 251-252 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Enhancing energy sustainability : integrating concentrated solar power in Jordan's oil shale extraction

Al-Addous, Mohammad; **Baqain, Mais Hanna Suleiman**; Bdour, Mathhar; Lenz, Volker International journal of low-carbon technologies 2025 / 13, p. 453-465 <https://doi.org/10.1093/ijlct/ctae297>

Evaluation of a Technical Solution for Seawater District Heating and Cooling Systems

Hlebnikov, Aleksandr; **Ali, Hesham Abed Al-Same Jamil**; **Volkova, Anna** 9th International Conference on Smart Energy Systems : Book of Abstracts 2023 / p. 365-366 <https://vbn.aau.dk/en/publications/book-of-abstracts-9th-international-conference-on-smart-energy-sy>

Exploring the Efficacy of Random Linear Parameter Models for Forecasting Heating Demand in District Heating Networks

Ali, Hesham Abed Al-Same Jamil; **Dedov, Andrei**; **Volkova, Anna** XVII International Scientific Conference of Environmental and Climate Technologies: Book of Abstracts 2024 / p. 31 <https://doi.org/10.7250/CONNECT.2024.016>

Finding Potential Phase Change Materials Among Ionic Liquids with The Aid of Machine Learning Model

Kaljusmaa, Liisa-Maria; **Järvik, Oliver** Conference Book : International Conference in Chemistry and Chemical Technology 2023 / p. 71 https://www.cct2023.chgf.vu.lt/images/2023/CCT_2023_Conference_book.pdf

Kinetic Modeling of Deep Oxidative Desulfurization over Functionalized UiO-66 from a Model Fuel Using Complex Reaction Theory

Barghi, Bijan; **Möistlik, Tanel**; **Panov, Deniss**; **Raag, Anastassia**; **Järvik, Oliver**; **Niidu, Allan** ACS Omega 2025 / p. 15947-15958 <https://doi.org/10.1021/acsomega.4c06722>

On thermal stability of amine and carboxylic acid-based protic ionic liquids

Kaljusmaa, Liisa-Maria; **Adamson, Jasper**; **Järvik, Oliver** Book of Abstracts of the 7th International Conference on Ionic Liquid-Based Materials 2023 / p. 97 <https://ilmat2023.events.chemistry.pt/book-of-abstracts>

Quantification of oil shale industry ash flows – their chemical and mineralogical composition

Ummik, Mari-Liis; **Tamm, Kadriann**; **Järvik, Oliver**; **Nešumajev, Dmitri**; **Roosalu, Kati**; **Pihu, Tõnu**; **Konist, Alar** Oil shale 2025 / p. 129-166 <https://doi.org/10.3176/oil.2025.2.01>

Thermal stability of amine and carboxylic acid based protic ionic liquids from the perspective of thermal energy storage

Kaljusmaa, Liisa-Maria; **Tubli, Diandra**; **Adamson, Jasper**; **Konist, Alar**; **Järvik, Oliver** Journal of Molecular Liquids 2025 / art. 127396 <https://doi.org/10.1016/j.molliq.2025.127396>

Supported ionic liquids for efficient thermal energy storage

Kaljusmaa, Liisa-Maria; Koel, Mihkel; Järvik, Oliver Euchemsil 2024 : Book of Abstracts 2024 / p. 111

<https://euchemsil2024.org/book-of-abstracts>

Waste Heat-Based District Heating Network for Industrial Buildings With Low Energy Intensity

Ali, Hesham Abed Al-Same Jamil; Pakere, Ieva; Hlebnikov, Aleksandr; Djørup, Søren; Dedov, Andrei; Volkova, Anna 9th

International Conference on Smart Energy Systems : Book of Abstracts 2023 / p. 286 <https://vbn.aau.dk/en/publications/book-of-abstracts-9th-international-conference-on-smart-energy-sy>