

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
<http://dx.doi.org/10.1016/j.egypro.2017.04.028>

Analysis of greenhouse gas emissions from Estonian oil shale based energy production processes. Life cycle energy analysis perspective
Siirde, Andres; Eldermann, Meelis; Rohumaa, Priit; Gušča, Julija *Oil shale* 2013 / p. 268-282 : ill
https://artiklid.elnet.ee/record=b2631747*est

Carbon capture and storage : cost analysis of electricity production for Latvia
Gušča, Julija; Naroznova, Irina; Blumberga, Dagnija; **Volkova, Anna** *International journal of energy* 2010 / 3, p. 37-45 : ill

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>

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>

Energy related sustainability analysis of shale oil retorting technologies
Gušča, Julija; Siirde, Andres; **Eldermann, Meelis** *Energy procedia* 2015 / p. 216-221 : ill
<http://dx.doi.org/10.1016/j.egypro.2015.06.031>

Environmental impacts of shale oil production. Sensitivity analysis
Gušča, Julija; Siirde, Andres; **Eldermann, Meelis** Conect : International Scientific Conference of Environmental and Climate Technologies : October 14-15, 2014 2014

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>

Integrated energy return on investment calculation model. Case study of oil shale derived motor fuel production industry
Gušča, Julija; **Eldermann, Meelis; Siirde, Andres** Proceedings of the 2nd International Conference on Energy & Environment: Bringing Together Engineering and Economics 2015 / 286-292

Kliimamuutuste leevedamine läbi CCS JA CCU tehnoloogiate (ClimMit) : lõpparuanne
Siirde, Andres; Järvik, Oliver; Nešumajev, Dmitri; Gušča, Julija; Uibu, Mai; Trikkel, Andres; Pihu, Tõnu; Konist, Alar; Maaten, Birgit; Liira, Martin; Hazak, Aaro; Männasoo, Kadri; Sander, Priit; Kask, Kaia; Poltimäe, Helen; Yörük, Can Rüstü 2021

Life cycle assessment of enhanced 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.estet.ee/record=b4751282*est

Life cycle assessment of oil shale retorting by-products for production of resins
Gušča, Julija; Siirde, Andres; **Eldermann, Meelis** 14th International Conference on Environmental Science and Technology (CEST2015) : Rhodes, Greece, 3-5 September 2015 2015 / p. 1580-1584

Modelling of a carbon capture and storage system for the Latvian electricity sector
Gušča, Julija; Naroznova, Irina; Blumberga, Dagnija; **Volkova, Anna** Selected Topics in Energy, Environment, Sustainable Development and Landscaping : 6th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '10), 3rd WSEAS International Conference on Landscape Architecture (LA '10) : Politehnica University of Timisoara, Romania, October 21-23, 2010 2010 / p. 415-421
https://www.researchgate.net/publication/267962469_Modelling_of_a_carbon_capture_and_storage_system_for_the_Latvian_electricity_sector

Production of fuel oil from Estonian oil shale : an indicator-based decomposition analysis
Gušča, Julija; Siirde, Andres; **Eldermann, Meelis**; Rohumaa, Priit 27th International Conference on Efficiency, Cost, Optimization, Simulation and Environmental Impact of Energy Systems (ECOS 2014) : Turku, Finland, 15-19 June 2014. Vol. 2 2014 / p. 1226-1240

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>

Prospects for hydrogen production in oil shale processing industry in Estonia : initial aspects of life cycle analysis
Eldermann, Meelis; Siirde, Andres; Gušča, Julija *Energy procedia* 2016 / p. 536-539 : ill <https://doi.org/10.1016/j.egypro.2016.09.081>

QFD framework for selection of industry development scenarios
Eldermann, Meelis; Siirde, Andres; Gušča, Julija *Energy procedia* 2017 / p. 230-233 : ill

<http://dx.doi.org/10.1016/j.egypro.2017.09.060>

Sustainability analysis of shale oil production industry

Gušča, Julija; Siirde, Andres; Eldermann, Meelis Conect : International Scientific Conference of Environmental and Climate Technologies : October 14-15, 2014 2014

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>