

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](#)

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](#)

Circulating fluidized bed and two-fluid model

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 85-88 : ill

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>

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/ijsep.7011> [Journal metrics at Scopus](#) [Article at Scopus](#)

Eestis puuritakse aasta lõpuks suur auk, mis aitab kütta maju

postimees.ee 2023 [Eestis puuritakse aasta lõpuks suur auk, mis aitab kütta maju](#)

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>

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](#)

Energeetik: lumi on kasulik looduslik ressurss

Krupenski, Igor toostusuudised.ee 2024 [Energeetik: lumi on kasulik looduslik ressurss](#)

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](#)

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?](#)

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.est.ee/record=b5491563*est

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](#)

Non-isothermal turbulent jet flow through static particulate media

Rebassa, Josep Hueso; Kartušinski, Aleksander; Krupenski, Igor; Siirde, Andres Advances in heat transfer : proceedings of the 7th Baltic Heat Transfer Conference : Tallinn, Estonia, August 24-26, 2015 / p. 67-72 : ill

Numerical simulation of two-phase turbulent flows in ash circulating fluidized bed = Turbulentsete kahefaasiliste voolude matemaatiline modelleerimine tuha tsirkuleerivas keevkihis

Krupenski, Igor 2010 https://www.est.ee/record=b2595716*est

Numerical simulation of two-phase turbulent flows of ash circulating in fluidized bed

Krupenski, Igor Oil shale 2011 / 1S, p. 262

Numerical simulation of uprising gas-solid particle flow in circulating fluidised bed

Kartušinski, Aleksander; Martins, Ants; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor; Siirde, Andres Oil shale 2008 / p. 125-138 : ill https://artiklid.elnet.ee/record=b1456418*est

Numerical simulation of uprising gas-solid particle (oil-shale ash) turbulent flow in CFB by different mathematical models

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres Proceedings of CYSENI 2010 : the 7th Annual Conference of Young Scientists on Energy Issues : May 27-28, 2010, Kaunas, Lithuania 2010

Numerical simulation of uprising gas-solid particles flow by 2D RANS model for CFB conditions

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 256-261 : ill

Numerical simulation of uprising gas-solid particles turbulent flow in circulating fluidized bed

Šablinski, Aleksandr; Kartušinski, Aleksander; Krupenski, Igor; Siirde, Andres; Rudi, Ülo 21st International Conference on Fluidized Bed Combustion : Naples (Italy), June 3-6, 2012 : proceedings. Vol. 2 2012 / p. 946-953 : ill

Numerical simulation of uprising gas-solid particles turbulent flow using two-dimesion Reynolds Average Navier Stokes equations for fluidized beds conditions

Krupenski, Igor; Kartušinski, Aleksander; Rudi, Ülo; Siirde, Andres International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 62 http://www.ester.ee/record=b4775098*est

Numerical simulation of uprising turbulent flow by 2D RANS for fluidized-bed conditions

Krupenski, Igor; Kartušinski, Aleksander; Siirde, Andres; Rudi, Ülo Oil shale 2010 / 2, p. 147-163 : ill

Particles deposition at horizontal flat plate in turbulent particulate flow

Kartušinski, Aleksander; Hussainov, Medhat; Michaelides, Efstathios; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor The Canadian journal of chemical engineering 2014 / p. 1-12 : ill

RANS numerical simulation of turbulent particulate pipe flow for fixed Reynolds number

Kartušinski, Aleksander; Rudi, Ülo; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor Computational and numerical simulations 2014 / p. 21-40 : ill

Reynolds stress turbulence model for particulate grid-generated turbulence

Kartušinski, Aleksander; Rudi, Ülo; Stock, David; Hussainov, Medhat; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor Proceedings of the 8th Internatinal Conference on Multiphase Flow (ICMF 2013) : Jeju, Korea, May 26-31, 2013 2013 / p. 1-9 : ill

RSTM numerical simulation of channel particulate flow with rough wall

Kartušinski, Aleksander; Rudi, Ülo; Hussainov, Medhat; Štšeglov, Igor; Tisler, Sergei; Krupenski, Igor; Stock, David Computational and numerical simulations 2014 / p. 41-63 : ill

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](#)

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](#)

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](#)

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](#)

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](#)

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: 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 для детей: электромобиль своими руками

Krupenski, Igor Stolitsa.ee 2023 [Энергетический лагерь для детей: электромобиль своими руками](#)