

Actual impact of heat pumps to energy performance of apartment buildings in Estonia

Reino, Arbo; Hamburg, Arvi 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon), 7-9 October 2019 : conference proceedings 2019 / 6 p. : ill
<https://doi.org/10.1109/RTUCon48111.2019.8982370>

Ahju kütisest

Tehnika Põllumajanduses 1932 / lk. 47

Ahjade kütmine turbaga

Eesti majaomaniku käsiraamat 1938 1937 / lk. 103-105

Ahjade kütisest

Lunin, Mihail T 1936 / lk. 13-14 : joon <https://www.digar.ee/viewer/et/nlib-digar:310579/271240/page/15>

Ahjade kütisest

Lunin, Mihail Majaomanik 1936 / lk. 12-13 <https://www.digar.ee/viewer/et/nlib-digar:310420/271156/page/14>

Ahjade kütisest

Lunin Majaomaniku kalender-käsiraamat 1938 1937 / lk. 95-97

Ahjustest ja kütisest

Kirsimägi, J. Tehnika Kõigile 1936 / lk. 162-163 : joon

Air-to-water heat pump monitoring in the cold climate region

Kõiv, Teet-Andrus; Ling, Mariin; Tennokese, Kaspar Innovative Solutions in the Field of Engineering Sciences : selected, peer reviewed papers from the 2014 International Conference on Applied Mechanics and Mechanical Automation (AMMA 2014), May 20-21, 2014, Macao, China 2014 / p. 599-603 : ill <https://doi.org/10.4028/www.scientific.net/AMM.590.599> [Article at Scopus](#)

Annual performance analysis of heat emission in radiator and underfloor heating systems in the European reference room

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04009, 8 p <https://doi.org/10.1051/e3sconf/201911104009> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Assessment of downward draught in high-glazing facades in cold climates – experimental and CFD study into draught control with a 21-type radiator

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 02002, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124602002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Autonomous design systems (ADS) in HVAC field : synergetics-based approach = Autonoomsed masinprojekteerimissüsteemid (ADS) kütte- ja ventilatsioonivaldkonnas : sünergeetikapõhine lähenemine

Loginov, Dmitri 2012 <https://digi.lib.ttu.ee/i/?811>

Carbon emissions of construction operations in a cold climate

Pikas, Ergo; Lõhmus, Rauno; **Koskela, Lauri Jaakko;** Tetik, Müge; **Vendel, Kädi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

A combined analytical model for increasing the accuracy of heat emission predictions in rooms heated by radiators

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek Journal of building engineering 2019 / p. 291-300
<https://doi.org/10.1016/j.jobbe.2019.02.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative Study of Advanced Heatsink Structures for Improved Thermal Performance in Axial Flux Motors

Sarap, Martin; Singh, Shalini; **Kallaste, Ants;** Qureshi, Ahmed Jawad; **Tiismus, Hans; Vaimann, Toomas;** Ghahfarokhi, Payam Shams IEEE Access 2025 / p. 100850-100860 <https://doi.org/10.1109/ACCESS.2025.3577289>

Control dynamics and parameters for low energy heating applications = Juhtimise dünaamika ja parameetrid madalenergia küttesüsteemides

Parts, Tuule Mall 2023 <https://doi.org/10.23658/taltech.50/2023> <https://digikogu.taltech.ee/et/Item/85469015-8f1c-450f-a609-73a70a255bc6>
https://www.ester.ee/record=b5638401*est

Coordinated planning strategy for integrated energy systems in a district energy sector

Yang, Wentao; Liu, Weijia; Chung, Chi Yung; **Wen, Fushuan** IEEE Transactions on sustainable energy 2020 / p. 1807-1819
<https://doi.org/10.1109/TSTE.2019.2941418>

Data-driven baseline generation for post-retrofit energy saving assessment, a comparison of statistical and machine

learning methods

Kuivjõgi, Helena; Vasman, Sofia; Petlenkov, Eduard; Thalfeldt, Martin; Kurnitski, Jarek Journal of building engineering 2024 / art. 111016 <https://doi.org/10.1016/j.jobe.2024.111016>

Day-ahead economical planning of multi-vector energy district considering demand response program

Ghasemi-Marzbali, Ali; Shafiei, Mohammad; **Ahmadihangar, Roya** Applied energy 2023 / art. 120351

<https://doi.org/10.1016/j.apenergy.2022.120351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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

Demand side management for commercial buildings : multiple heating systems based optimization in real-time

Köse, Ahmet; Sukhanov, Ivan; **Belikov, Juri; Tepļakov, Aleksei; Petlenkov, Eduard** Proceedings of the 30th ICE IEEE/ITMC Conference on Engineering, Technology, and Innovation: Digital Transformation on Engineering, Technology and Innovation, ICE 2024 2024 IEEE International Conference on Engineering, Technology, and Innovation (ICE/ITMC) 2024 / 8 p
<https://doi.org/10.1109/ICE/ITMC61926.2024.10794302>

Developing energy calculation methodology and calculation tool validations : Application in air-heated ice rink arenas

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; **Kurnitski, Jarek** Energy and buildings 2020 / art. 110389, 19 p. : ill

<https://doi.org/10.1016/j.enbuild.2020.110389> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Die Möglichkeiten der Rekonstruktion der Heizsysteme und Varianten der Minimierung von Energieverlusten - Erfahrungen in Estland : Zusammenfassung der Fachvorträge

Hlebnikov, Aleksandr XX Tagung der Arbeitsgruppe von mittel-, ost- und suedosteuropäischen Staaten (MOE/NUS) "Instandsetzung und Modernisierung des Gebäudebestandes" : Minsk, 23-27 June 2003 2003 / [12] p

Dynamic heating control measured and simulated effects on power reduction, energy and indoor air temperature in an old apartment building with district heating

Hajian, Hatem; Ahmed, Kaiser; **Kurnitski, Jarek** Energy and buildings 2022 / art. 112174 <https://doi.org/10.1016/j.enbuild.2022.112174>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial - IEA-ECES Annex 31 special issue on thermal energy storage

Kurnitski, Jarek; Haghighat, Fariborz; Mirzaei, Parham A. Energy and buildings 2015 / p. 1-2

<https://doi.org/10.1016/j.enbuild.2015.08.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eelisolieritud torudest kaugküttesüsteemide projekteerimine ja paigaldamine [Võrguteavik] = Design and installation of preinsulated bonded pipe systems for district heating

2015 http://www.ester.ee/record=b4460135*est

Eesti leiutis paneb suurte hoonete kütte ja jahutusautomaatika raha teenima [Võrguväljaanne]

Eesti Ekspress 2021 / Lk. 13 https://www.ester.ee/record=b5161895*est

Eestis kasutatavad päikese küttesüsteemid ja nende käitamine

Hüüs, Meeli; **Kask, Ülo** TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu] = Investigation and usage of renewable energy sources : thirteenth conference proceedings : [10. November 2011, Tartu] 2011 / lk. 64-76

The effect of exhaust air heat pump on district heat energy use and return temperature

Thalfeldt, Martin; Kurnitski, Jarek; Latõšov, Eduard CLIMA 2016 - proceedings of the 12th REHVA World Congress. Vol. 3 2016 / [10] p. : ill http://vbn.aau.dk/files/233716910/paper_343.pdf

The effect of hydronic balancing on room temperature and heat pump efficiency of a building with underfloor heating

Thalfeldt, Martin; Simson, Raimo; Kurnitski, Jarek Energy procedia 2016 / p. 467-477 : ill
<https://doi.org/10.1016/j.egypro.2016.09.178> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The effect of the district heating return temperature reduction on flue gas condenser efficiency

Lepiksaar, Kertu; Volkova, Anna; Rušeljuk, Pavel; Siirde, Andres Environmental and Climate Technologies 2020 / p. 23-38
<https://doi.org/10.2478/rtuct-2020-0083> [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](#)

EKVÜ valis uue eestseisuse

Elamu küttesüsteemist üksikute korterite väljalülitamise probleemid

Kõiv, Teet-Andrus Soojuse Eri 2004 / 8. mai, lk. 2

Elamu soojapidavus ja küttesääst

Aasta 1942 rahvakalender 1941 / lk. 49-54

Eluaseme energiasäästlik hooldamine

Hääl, Kaido; Laur, Toomas; Sasi, Lennart; Vares, Villu 2000 https://www.ester.ee/record=b1438982*est

Eluruumide kütmine

Reier, H. W Ühistegevusleht 1923 / 1, lk. 6-8; 3, lk. 6-8 : joon

Energiakontsern Utilitas avas TTÜ Mektorys unikaalse küttelabori

Mente et Manu 2017 / lk. 34 : fot http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html
https://artiklid.elnet.ee/record=b2811471*est

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 efficiency of hydronic space-heating distribution systems in super-insulated residential buildings

Georges, Laurent; Iwanek, Tomasz; **Thalfeldt, Martin** Building Simulation 2017 : proceedings of the 15th IBPSA Conference San Francisco, CA, USA, Aug. 7-9, 2017 2017 / p. 1576-1585 : ill http://www.ibpsa.org/proceedings/BS2017/BS2017_421.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](#)

Energy pile and heat pump modeling in whole building simulation model

Fadejev, Jevgeni; Kurnitski, Jarek Proceedings of the 2014 Building Simulation and Optimization Conference" : 23-24 June 2014, UCL, London, UK 2014 / [7] p. : ill

Enne küttesüsteemi renoveerimist tee maja soojapidavaks

Kask, Ülo Äripäev 2003 / 16. apr., lk. 10

Estimating time constants for underfloor heating control

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek Journal of physics : conference series 2019 / art. 012121, 6 p. : ill
<https://doi.org/10.1088/1742-6596/1343/1/012121> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Evaluation factor for district heating network heat loss with respect to network geometry

Mašatin, Vladislav; Latõšov, Eduard; Volkova, Anna Energy procedia 2016 / p. 279-285 : ill
<https://doi.org/10.1016/j.egypro.2016.09.069> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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 emission efficiency of parallel and serial connected radiators in EN442 test chamber

Võsa, Karl-Villem; Ferrantelli, Andrea; Kull, Tuule Mall; Kurnitski, Jarek Applied thermal engineering 2018 / p. 531-544 : ill
<https://doi.org/10.1016/j.applthermaleng.2017.12.109> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 04005, 7 p <https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Factors affecting the improvement of district heating. Case studies of Estonia and Serbia

Rušeljuk, 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/rtuct-2020-0121> [Journal metrics at Scopus](#) [Article](#)

[at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

Feasibility study of 8 megawatt frequency controlled pumping station of heating power plant

Joller, Jüri Actual Problems of Electrical Drives and Industry Automation : the research symposium of young scientists : Tallinn, Estonia, May 31 - June 5, 1999 1999 / p. 59-62: ill

Flatness based control of a HVAC system

Kaldmäe, Arvo; Kotta, Ülle Information technology and control 2017 / p. 499-507 : ill <https://doi.org/10.5755/j01.itc.46.4.17697> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

A frequency-controlled electrical drive for an additional water pump in a district heating plant

Jansikene, Raik; Joller, Jüri Baltic electrical engineering review 1996 / p. 58-61: ill

Geothermal energy piles and boreholes design with heat pump in a whole building simulation software

Fadejev, Jevgeni; Kurnitski, Jarek Energy and buildings 2015 / p. 23-34 : ill <https://doi.org/10.1016/j.enbuild.2015.06.014> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

Grid-connected photovoltaic systems : an overview of recent research and emerging PV converter technology

Kouro, Samir; Leon, Jose I.; Vinnikov, Dmitri; Franquelo, Leopoldo G. IEEE industrial electronics magazine 2015 / p. 47-61 : ill <https://doi.org/10.1109/MIE.2014.2376976> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

Heat energy consumption in heating and hot tap water systems in apartment buildings

Kõiv, Teet-Andrus Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 3, p. 225-232: ill

Heating sizing power reduction in buildings connected to district heating with dynamically controlled DHW setback and flow limiters

Hajian, Hatef; Simson, Raimo; Kurnitski, Jarek Energies 2022 / art. 5278 <https://doi.org/10.3390/en15145278> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

Heating system efficiency aspects in low-energy residential buildings = Küttesüsteemi efektiivsuse aspektid madalenergia eluhoonetes

Maivel, Mikk 2015 https://www.ester.ee/record=b4484289*est

Heating system return temperature effect on heat pump performance

Maivel, Mikk; Kurnitski, Jarek Energy and buildings 2015 / p. 71-79 : ill <https://doi.org/10.1016/j.enbuild.2015.02.048> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics](#) [at WOS](#) [Article at WOS](#)

Heating system return temperature effect on heat pump performance

Maivel, Mikk Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 112-118 : ill

Hoia raha kokku : kuidas kodus säästlikult energiat tarbida

Kongas, Kerttu Postimehe lisa 2024 [Hoia raha kokku: kuidas kodus säästlikult energiat tarbida](#)

Hoone tehnosüsteemide RYL 2002 : ehitustööde üldised kvaliteedinõuded. I osa

2003 https://www.ester.ee/record=b1841714*est

Hoone tehnosüsteemide RYL 2002 : ehitustööde üldised kvaliteedinõuded. II osa

2004 https://www.ester.ee/record=b2047400*est

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik 2010 https://www.ester.ee/record=b2609572*est

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik; Tark, Teet; Pikk, Priit; Daniel, Raul 2022 https://www.ester.ee/record=b5497552*est

Hoonete energiatarve ja sisekliima

Abel, Enno; Voll, Hendrik; Tark, Teet 2014 https://www.ester.ee/record=b4434678*est

Hoonete küte

Kõiv, Teet-Andrus; Rant, Aivar 2012 http://www.ester.ee/record=b2771308*est

Hoonete küte

Kõiv, Teet-Andrus; Rant, Aivar 2013 http://www.ester.ee/record=b2939170*est

Hoonete sanitaartehnilised seadmed. Küte ja ventilatsioon : metoodilised juhised kursuseprojekti koostamiseks ehitustehnika eriala üliõpilastele

1991 https://www.ester.ee/record=b1192399*est

How to compare energy performance requirements of Japanese and European office buildings

Ahmed, Kaiser; Yoon, Gyuyoung; Ukai, Makiko; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 03038, 8 p <https://doi.org/10.1051/e3sconf/201911103038> [Conference proceedings at Scopus](#) [Article at Scopus](#)

How well are energy performance objectives being achieved in renovated apartment buildings in Estonia?

Hamburg, Anti; Kalamees, Targo Energy and buildings 2019 / p. 332–341 <https://doi.org/10.1016/j.enbuild.2019.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hää pliit - perenaise püsiv abiline

Kauri, M. Taluperenaine 1940 / lk. 92-93 : joon., fot

Ilmus eestikeelne hoonete energiatarvet ja sisekliimat käsitlev raamat : [Hoonete energiatarve ja sisekliima]

Abel, Enno; Voll, Hendrik Ehitaja 2010 / 7/8, lk. 17-18 https://artiklid.elnet.ee/record=b2154819*est

The impact of infiltration on heating systems dimensioning in Estonian climate

Simson, Raimo; Rebane, Taaniel; Kiil, Martin; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017205004> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Influence of time constants on low energy buildings' heating control

Kull, Tuule Mall; Simson, Raimo; Thalfeldt, Martin; Kurnitski, Jarek Energy procedia 2017 / p. 75-80 : ill <https://doi.org/10.1016/j.egypro.2017.09.640> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Insenerivõrgud. Küte ja ventilatsioon : metoodilised juhised kursuseprojekti koostamiseks ehitustehnika eriala üliõpilastele

Tenisberg, Valeri; Kõiv, Teet-Andrus 1993 https://www.ester.ee/record=b1064036*est

Investigation of energy efficiency in buildings and HVAC systems = Hoonete ja nende tehnosüsteemide energeetilise efektiivsuse uurimine

Hani, Allan 2012 https://www.ester.ee/record=b2875843*est

Investigations of different control strategies for heat pump systems in a residential ZEB in the nordic climate [Online resource]

Clauss, John; Sartori, Igor; Alonso, Maria Justo; **Thalfeldt, Martin;** Georges, Laurent 12th IEA Heat Pump Conference : presentations, Wednesday, May 17 2017 / 0.1.3.3, 11 p. : ill <https://hpc2017.org/wp-content/uploads/2017/06/o133.pdf>

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

Kaigutsi küla Nuudi talu rehielamu küttesüsteem

Nutt, Nele Hiiumaa Muinsuskaitse Seltsi toimetised 2024 / lk. 195-212

Kalorifeel ; Kaugküte ; Keskküte ; Kiirgusküte

Kõiv, Teet-Andrus TEA entsüklopeedia. 10. köide, Kallas - klarnet 2013 / lk. 15, 185-186, 263, 295

Kaugküte : mugav, tõhus ja soodne : teatmik kohalike omavalitsuste spetsialistidele, kinnisvara arendajatele ja haldajatele, korteriühistute juhtidele

Kask, Ülo 2013 https://www.ester.ee/record=b2986965*est

Kaugkütte üldised kvaliteedinõuded

Keskpaik, Anu; Paalo, Priit; **Kask, Ülo; Paist, Aadu;** Soodla, Enno 2004 https://www.ester.ee/record=b2048081*est

Kaugküttesüsteeme tuleb planeerida tegelikele võimsustele vastavalt

Vares, Villu; Kask, Ülo Põlevad ja mittepõlevad energiaallikad = Combustible and non-combustible energy resources 2016 2016 / lk. 32-35 : ill http://ise.elnet.ee/record=b2918099~S2*est

Keskküte

Kirsimägi, J. Tehnika Põllumajanduses 1934 / lk. 21-23 : joon

Keskküte vähemale majale

Kirsimägi, J. Tehnika Põllumajanduses 1933 / lk. 59-60 : fot

Keskküte sisseseadmisest talu elumajades

Põllumees 1927 / lk. 756-760 : joon

Kodukolle - kodu hävitaja : [ettevaatusabinõudest kütmisel ja hoonete ehitamisel]

Eesti Tuletõrje 1938 / lk. 387-389

Kolded põlevkiviküttele : [põlevkivi kasutamisest ahjude ja pliitide kütmisel]

Veske, K. Tehnika Kuukiri 1943 / lk. 35-36

Kondensaadiärasti ; Konvektiivküte

Kõiv, Teet-Andrus TEA entsüklopeedia. 11. köide, Klas-kuubik 2014 / lk. 119, 152

Kooliruumi soojusolukorra olenevus kütteseadmete soojakiirgusest

Sasi, Lennart 1967 http://www.ester.ee/record=b2199188*est

Kuidas ahju kütta?

Saarsoo, J. Põllutöö ja Karjakasvatus 1941 / lk. 109-112 : fot., joon

Kuidas säästa?

Thalfeldt, Martin Õhtuleht 2021 / Lk. 17 <https://dea.digar.ee/article/ohutuleht/2021/10/26/13.3>

Kuidas tarbijana soojuse hinda mõjutada? [Võrguväljaanne]

postimees.ee 2021 "[Kuidas tarbijana soojuse hinda mõjutada?](#)"

Kuidas tuleb ahju kütta

Tehnika Kõigile 1940 / lk. 12

Kuidas vältida kahjutulesid korratute tuleasemete ja üldse küttekollete läbi

Eesti Tuletõrje 1940 / lk. 81-82 : joon

Küte : juhised kursuseprojekti koostamiseks

2005 http://www.ester.ee/record=b2036996*est

Küte : juhised kursuseprojekti koostamiseks

2009 http://www.ester.ee/record=b2490135*est

Küte ja ventilatsioon

Tenisberg, Valeri 1979 https://www.ester.ee/record=b1289756*est <https://digikogu.taltech.ee/et/Item/0935ac90-b0b7-4134-ae3c-60c44d136264>

Küte ja ventilatsioon : hoonete tehnovõrgud ja seadmed : abiks kursuseprojekti koostamisel

2003 https://www.ester.ee/record=b1824539*est

Küte ja ventilatsioon : laboratoorsed tööd

1984 https://www.ester.ee/record=b1243613*est

Kütet kokkuhoidvad leidused : [õhkküte põlemisgaasiga]

Majaomanik 1924 / lk. 270-271

Kütmise juhised

Toonekurg, Elmar Põllumehe kalender-käsiraamat 1944 1943 / lk. 225-226

Kütmisest

Velbaum, J. Eesti Mets 1934 / lk. 91-96 : joon., fot

Kütmisest

Kirsimägi, J. Tehnika Põllumajanduses 1930 / 2/3, lk. 75-77; 4, lk. 127-128; (1931) 1, lk. 5-8 : joon

Kütmisest ja ahjudest

Kirsimägi, J. Uus Talu 1935 / 11, lk. 417-421; 12, lk. 464-467 : joon

Kütmisest ja tulesüütamisest

Kirsimägi, J. Maanase Kodu 1932 / lk. 16-17

Kütte ja ventilatsiooni laboratoorsete tööde metoodilised materjalid

2008 http://www.ester.ee/record=b2412952*est

Kütte ja ventilatsiooni laboratoorsete tööde metoodilised materjalid

Kõiv, Teet-Andrus 2004 http://www.ester.ee/record=b1963490*est

Kütte probleem ja katsed tema lahendamiseks : [ahju konstruktsioonist]

Majaomanik 1923 / lk. 7-8 : joon

Küttearveid aitab kontrolli all hoida korralikult ehitatud maja [Võrguväljaanne]

Üprus, Teele postimees.ee 2022 "[Küttearveid aitab kontrolli all hoida korralikult ehitatud maja](http://www.ester.ee/record=b5561222*est) "

Küttekatlad. Osa 5, Käsitsi ja automaatselt köetavad tahkekütusekatlad nimisoojustootlikkusega kuni 500 kW : mõisted, nõuded, katsetamine ja märgistus = Heating boilers. Part 5, Heating boilers for solid fuels, manually and automatically stoked, nominal heat output of up to 500 kW : terminology, requirements, testing and marking

2023 https://www.ester.ee/record=b5561222*est

Küttekolde füüsika : [puidu põlemisest]

Eesti Tuletõrje 1940 / lk. 25

Küttekulude jaotamine korruselamus korterite hoone ühtsest küttesüsteemist lahtiühendamise korral : Majandus- ja Kommunikatsiooniministeeriumi tellimus

Ingermann, Karl; Mardi, Urmas; Soosaar, Sulev 2006 https://www.ester.ee/record=b2245395*est

Kütteküsimus talumajapidamises

Kasikov, R. Põllumees 1929 / lk. 541-542

Küttematerjali kokkuhoid ahjude kütmisel

Veski, A. Uus Talu 1939 / lk. 290-293 : joon

Küttematerjali kulu olenevus puitvälisseina ehitusviisist

Veski, A. Oma Kodu 1937 / lk. 60-64 : joon., fot

Küttest ja õhuvahetusest : [ahjud, kütmine turbaga]

Eesti majaomaniku kalender-käsiraamat 1937. a 1936 / lk. 91-95

Liginullenergiahooned täna ja homme : artiklite kogumik

2015 https://www.ester.ee/record=b4505002*est

Lokaalkatlamajad : [õppematerjal]

Paist, Aadu; Plamus, Kristjan 2013 http://www.ester.ee/record=b2950185*est

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/rtuct-2021-0029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low temperature radiator heating distribution and emission efficiency in residential buildings

Maivel, Mikk; Kurnitski, Jarek Energy and buildings 2014 / p. 224-236 : ill <https://doi.org/10.1016/j.enbuild.2013.10.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Low temperature radiator heating system detailed dynamic simulation - distribution and emission efficiency

Maivel, Mikk; Kurnitski, Jarek Proceedings of CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, Prague 16th-19th June, 2013 2013

Lugeja küsib: kuidas kütta nii, et küttearve hingetuks ei võtaks? [Võrguväljaanne]

Saar, Sandra; Juhkental, Robin novaator.err.ee 2022 [Lugeja küsib: kuidas kütta nii, et küttearve hingetuks ei võtaks?](http://www.ester.ee/record=b4460555*est)

Madalpingelised elektripaigaldised. Osa 7-753, Nõuded eripaigaldistele ja -paikadele. Küttekaablid ja sisseehitatud küttesüsteemid [Võrguteavik] = Low-voltage electrical installations. Part 7-753, Requirements for special installations or locations. Heating cables and embedded heating systems (IEC 60364-7-753:2014)

2015 http://www.ester.ee/record=b4460555*est

Management study of low-temperature water in the urban environment as a potential thermal-energy source

Laanearu, Janek; Borodinecs, Anatolijs; Rimeika, M.; Palm, B. 3rd International Conference "Innovative Materials, Structures and Technologies" : Riga, Latvia, 27-29 September 2017 : [abstracts] 2017 / p. 90

Mechanical ventilation system in deep energy renovation of a multi-story building with prefabricated modular panels

Kalamees, Targo; Palmiste, Ülar; Hamburg, Anti Subtask 4: Current challenges, selected case studies and innovative solutions covering indoor air quality, ventilation design and control in residences 2020 / p. 71-75 : ill https://iea-ebc.org/Data/publications/EBC_Annex_68_Subtask_4_Report_October_2020.pdf

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](#)

Mida põnevat peidab endas peatselt avatav Utilitase küttelabor?

Rammus, Kristin Mente et Manu 2016 / lk. 30-31 : fot http://www.ttu.ee/public/u/ulikool/Tutvustus/ajaleht-mente-et-manu/MM_2016_05/index.html https://artiklid.elnet.ee/record=b2797137*est

Mida põnevat peidab endas Utilitase küttelabor?

Rammus, Kristin; Loi, Karina Inseneeria 2016 / lk. 25 : ill http://www.ester.ee/record=b2336521*est

Milline koduküte on pikas plaanis kõige mõistlikum?

Jõesaar, Tuuli; Laast, Joanna LP : [Eesti Päevalehe laupäevaleht] 2021 / Lk. 4-5 <https://dea.digar.ee/article/lp/2021/12/10/8>

Mis peab majaomanik keskküttest teadma

Majaomanik 1924 / 23, lk. 363-364; 24, lk. 380-381

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](#)

Multi-source district heating system full decarbonization strategies: Technical, economic, and environmental assessment

Pakere, Ieva; Feofilovs, Maksims; **Lepiksaar, Kertu;** Vītolīņš, 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](#)

Mustamäe KÜ ümarlaud toimus seekord energiatöhusas elamus Akadeemia tee 5a

Mustamäe 2020 / Lk. 3 <https://www.tallinn.ee/est/mustamae/Uudis-KU-umarlaud-toimus-energiatohusas-elamus-Akadeemia-tee-5a>

Märgatav kokkuvõtte: targem soojuspumba kasutamine säästab rahakotti ja loodust

maaleht.delfi.ee 2024 [Märgatav kokkuvõtte: targem soojuspumba kasutamine säästab rahakotti ja loodust](#)

Nearly zero energy renovation concepts for apartment buildings

Kuusk, Kalle; Naumann, Jens; Gritzki, Anina; Felsmann, Clemens; De Carli, Michele; **Kurnitski, Jarek** E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 18009, <https://doi.org/10.1051/e3sconf/202017218009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A new high-power DC/DC converter for residential fuel cell power systems [Electronic resource]

Vinnikov, Dmitri; Jalakas, Tanel; Roasto, Indrek 11th Spanish Portuguese Conference on Electrical Engineering (11CHLIE) : 1-4 of July 2009, Zaragoza, Spain 2009 / [6] p. [CD-ROM]

A novel method for calculating heat emitter and controller configuration setpoint variations with EN15316-2

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek Journal of building engineering 2020 / art. 101387 <https://doi.org/10.1016/j.jobbe.2020.101387> <https://aaltodoc.aalto.fi/handle/123456789/43872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Novel quantification method of aggregated energy flexibility based on power-duration curves

Plaum, Freddy; Rosin, Argo; Ahmadiyahangar, Roya IEEE Access 2024 / p. 132825-132837 <https://doi.org/10.1109/ACCESS.2024.3461151>

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

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/ruect-2020-0117> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal dimensioning of Estonian old non-optimised district heating networks

Hlebnikov, Aleksandr; Siirde, Andres; Paist, Aadu Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2007 / p. 55-62

Optimal scheduling of HVACs in islanded residential microgrids to reduce BESS size considering effect of discharge duration on voltage and capacity of battery cells

Sanjareh, Mehrdad Bagheri; Nazari, Mohammad Hassan; Gharehpetian, Gevork B.; **Ahmadihangar, Roya; Rosin, Argo** Sustainable Energy, Grids and Networks 2021 / art. 100424 <https://doi.org/10.1016/j.segan.2020.100424> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal utilization of rain-water heat in domestic water system of public building

Sergejeva, Monika; Laanearu, Janek CLIMA 2013 : 11th REHVA World Congress and the 8th International Conference on IAQVEC : June 16–19, 2013, Prague Congress Centre, Czech Republic : programme 2013 / p. 114

Optimization of concentrated solar thermoelectric generator system for highest yearly electric output

Kütt, Lauri; Millar, John; Lehtonen, Matti; Märss, Maido 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 139-144 : ill

Otsi säästu igalt rindelt: õige küttesüsteem toob kopsaka rahalise võidu

Raik, Jaan Martin Äripäev 2022 / Lk. 8-9 : fot [Otsi säästu igalt rindelt: õige küttesüsteem toob kopsaka rahalise võidu](https://www.ester.ee/record=b1071975*est)
https://www.ester.ee/record=b1071975*est

Parametric study for the long term energetic performance of geothermal energy piles

Ferrantelli, Andrea; Fadejev, Jevgeni; Kurnitski, Jarek IOP conference series : earth and environmental science 2019 / art. 012047, 9 p. : ill <https://doi.org/10.1088/1755-1315/352/1/012011> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Performance of heat recovery ventilation system with ground source brine heat exchanger pre-heating system in the context of nZEB

Kuusk, Kalle; Hallik, Jaanus; **Kalamees, Targo;** Muring, Tõnu Proceedings of REHVA Annual Conference "Advanced HVAC and Natural Gas Technologies" : Riga, Latvia, May 6-9, 2015 2015 / p. 17-22 : ill

PI parameter influence on underfloor heating energy consumption and setpoint tracking in nZEBs

Kull, Tuule Mall; Thalfeldt, Martin; Kurnitski, Jarek Energies 2020 / art. 2068, 20 p. : ill <https://doi.org/10.3390/en13082068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Piirde optimaalne soojustamine ja selle niiskusežiim

Sasi, Lennart Ehituskaar 2000 / 3, lk. 22-24 : ill https://artiklid.elnet.ee/record=b1003622*est

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](#)

Predictive smart thermostat controller for heating, ventilation, and air-conditioning systems

Soudari, Mallikarjun; **Kaparin, Vadim;** Srinivasan, Seshadhri; Seshadhri, Subathra; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2018 / p. 291-299 : ill http://www.kirj.ee/public/proceedings_pdf/2018/issue_3/proc-2018-3-291-299.pdf
<https://doi.org/10.3176/proc.2018.3.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Problems with using the exhaust air heat pump for renovation of ventilation systems in old apartment buildings

Mikola, Alo; Tennokese, Kaspar; Kõiv, Teet-Andrus Danish journal of engineering and applied sciences 2015 / p. 44-55 : ill <https://doi.org/10.6084/M9.FIGSHARE.1510922>

Proovimiseks ehk liigagi uuenduslik tarkvara Revit MEP 2011

Puust, Raido Keskkonnatehnika 2010 / 5, lk. 36-38 : ill https://artiklid.elnet.ee/record=b2154952*est

"Puid pillun küdevasse ahju..." : veidi küteteooriat

Eesti Tuletõrje 1940 / lk. 307-311 : joon

QUALICheck overview of EPC compliance and quality issues on the ground

Kurnitski, Jarek; Kuusk, Kalle; Simson, Raimo The REHVA European HVAC journal 2016 / p. 25-28 : ill <http://www.rehva.eu/publications-and-resources/rehva-journal/2016/052016/042016.html>

Raamat "Hoonete küte" : [autorid prof Teet-Andrus Kõiv ja insener Aivar Rant : tutvustus]

Mente et Manu 2012 / lk. 2 : fot https://www.ester.ee/record=b1242496*est

Radiant panel and air heating performance in large industrial buildings

Ahmed, Kaiser; Sistonen, Esko; **Simson, Raimo; Kurnitski, Jarek**; Kesti, Jyrki; Lautso, Petteri Building simulation 2018 / p. 293-303 : ill <https://doi.org/10.1007/s12273-017-0414-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radiator and floor heating operative temperature and temperature variation corrections for EN 15316-2 heat emission standard

Maivel, Mikk; Kurnitski, Jarek Energy and buildings 2015 / p. 204-213 : ill <https://doi.org/10.1016/j.enbuild.2015.04.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radiator, underfloor and air heating efficiency

Maivel, Mikk Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 104-111 : ill

Rakvere Smart House Competence Centre nZEB office building without conventional heating

Thalfeldt, Martin; Mikola, Alo Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 97-103 : ill

Reduction of heating costs in district heating systems

Kõiv, Teet-Andrus Tallinna Tehnikaülikooli Toimetised 1992 / lk. 52-56: ill

REHVA position paper on the European Commission proposal of the revised Energy performance of buildings directive COM(2016)0765

Corgnati, Stefano; **Kurnitski, Jarek** The REHVA European HVAC journal 2017 / p. 48-51
http://www.rehva.eu/fileadmin/REHVA_Journal/REHVA_Journal_2017/RJ2/p.48/48-50_RJ1702_WEB.pdf

Residential buildings with heat pumps peak power reduction with high performance insulation

Sarevet, Henri; Fadejev, Jevgeni; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 12008, 5 p. : ill
<https://doi.org/10.1051/e3sconf/202017212008> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Roheenergia juhuslikkusest aitab kasu lõigata nutikas ventilatsioonisüsteem

Rosin, Argo; Maask, Vahur novaator.err.ee 2024 [Roheenergia juhuslikkusest aitab kasu lõigata nutikas ventilatsioonisüsteem](#)

Salvradiaator-küttesüsteem vähekorruselise elamus : referaat Tallinna Polütehnilise Instituudi teaduslikul sessioonil 3. aprillil 1948

Otloot, Hendrik Teaduslik-tehniline kogumik. 10 1948 / lk. 13-19 : ill

Self-learning model predictive control for dynamic activation of structural thermal mass in residential buildings

Wolisz, Henryk; **Kull, Tuule Mall; Müller, Dirk; Kurnitski, Jarek** Energy and buildings 2020 / art. 109542, 21 p. : ill
<https://doi.org/10.1016/j.enbuild.2019.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selgus EKVÜ üliõpilasvõistluse võitja

EhitusEST 2020 / lk. 34 https://www.ester.ee/record=b4442657*est <https://ehitusest.ee/uudis/2020/06/18/selgus-ekvu-uliopilasvoistluse-voitja/>
<https://digikogu.taltech.ee/et/Item/ecf9dda2-e2df-4230-8f4f-ce8249d5e230>

A simplified power sizing method for the correct building integration of wood stoves

Thalfeldt, Martin; Skare, Anders; Georges, Laurent; Skreiberg, Øyvind E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02066, 7 p. : ill <https://doi.org/10.1051/e3sconf/201911102066> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Small low-temperature district heating network development prospects

Volkova, Anna; Krupenski, Igor; Pieper, Henrik; Ledvanov, Aleksandr; **Latšov, 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](#)

Soe hoone ja tõhus küttesüsteem vajavad terviklikku lähenemist

Thalfeldt, Martin Eramaja rekonstrueerimine : väärt nõuanded, praktilised näpunäited ja kogu vajalik info kodu korrastamiseks 2019 / lk. 19-21 : fot https://issuu.com/sihtasutus_kredex/docs/kredex_eramaja_aprill2019 https://www.ester.ee/record=b5232716*est

Sooja toa saladus : juhiseid õigeaks ahjukütmiseks

Rahvakalender 1943 1942 / lk. 88-89

Soojasalvestavate radiaatoritega küttesüsteemi soojarežiim, tervislikkus ja majanduslikkus vähekorruselises elamus : tehniliste teaduste kandidaadi väitekirj

Otloot, Hendrik 1948 https://www.ester.ee/record=b2143894*est

Soojuse kaotused ahjudes

Pihlak, A. Eesti Raudtee 1930 / lk. 88-97 : joon

Soojustehnika alused, küte ja ventilatsioon : metoodiline juhend kursuseprojekti koostamiseks tööstus- ja tsiviilehituse eriala (1202) üliõpilastele

1987 https://www.ester.ee/record=b1237524*est

Study on power losses of the full soft-switching current-fed DC/DC converter with Si and GaN devices

Chub, Andrii; Rabkowski, Jacek; Blinov, Andrei; Vinnikov, Dmitri IECON 2015 - Yokohama : 41st Annual Conference of the IEEE Industrial Electronics Society : November 9-12, 2015, Pacifico Yokohama, Yokohama, Japan 2015 / p. 13-18

Summer thermal comfort in new and old apartment buildings

Maivel, Mikk; Kurnitski, Jarek; Kalamees, Targo Proceedings : Windsor Conference 2014 : Counting the Cost of Comfort in a Changing World : 8th Windsor Conference, International Conference, held 10th-13th April 2014, Windsor, UK 2014 / p. 42-50 : ill

Summertime overheating prevention requirements and results in Estonia

Simson, Raimo; Kurnitski, Jarek; Maivel, Mikk The REHVA European HVAC journal 2015 / p. 23-27 : ill

System identification models and using neural networks for Ground Source Heat Pump with ground temperature modeling [Electronic resource]

Köse, Ahmet; Petlenkov, Eduard 2016 International Joint Conference on Neural Networks (IJCNN) : 24-29 July 2016, Vancouver, Canada 2016 / p. 2850-2855 : ill. [USB] <https://doi.org/10.1109/IJCNN.2016.7727559>

Tahkel kütusel töötavad aeglaselt soojust eraldavad kütteseadmed : nõuded ja katsetoodika = Slow heat release appliances fired by solid fuel : requirements and test methods

2012 https://www.ester.ee/record=b2896183*est

TalTechi ekspert: muinsuskaitse võiks ajalooliste hoonete renoveerimisele eritingimusi seades olla paindlikum

digi.geenius.ee 2024 [TalTechi ekspert: muinsuskaitse võiks ajalooliste hoonete renoveerimisele eritingimusi seades olla paindlikum](https://digi.geenius.ee/record=b1072778*est)

Teadlased nuputavad, kuidas ehitada kliimaneutraalset ja taskukohast maja

Leis, Tiiu Postimees 2021 / Lk. 6-7 <https://dea.digar.ee/publication/postimees> https://www.ester.ee/record=b1072778*est

Teadlased nuputavad, kuidas ehitada kliimaneutraalset ja taskukohast maja [Võrguväljaanne]

Leis, Tiiu postimees.ee 2021 ["Teadlased nuputavad, kuidas ehitada kliimaneutraalset ja taskukohast maja"](https://www.ester.ee/record=b1072778*est)

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

Temperatuuri reguleerimine kui soojusesäästuallikas

Kõiv, Teet-Andrus Tehnika ja Tootmine 1987 / lk. 12-14 https://www.ester.ee/record=b1073047*est

The analysis of efficiency and optimization of district heating networks in Estonia = Eesti kaugkütte soojusvõrkude efektiivsuse analüüs ja optimeerimine

Hlebnikov, Aleksandr 2010 https://www.ester.ee/record=b2595249*est

The efficiency analysis of the exhaust air heat pump system

Mikola, Alo; Kõiv, Teet-Andrus Engineering 2014 / p. 1037-1045 : ill

The Engin : [indoor-outdoor connections]

Kalamees, Targo; Zemitis, Jurgis; Lupišek, Antonin A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 117-120 : ill [Guide into renovation...](https://www.ester.ee/record=b2595249*est)

The Estonian district heating networks major characteristic parameters difference from the optimal values and efficiency increasing potential

Hlebnikov, Aleksandr; Siirde, Andres; Paist, Aadu 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 112-118 : ill

The impact of alternative heat supply options on CO₂ emission and district heating system

Mašatin, Vladislav; Link, Siim; Siirde, Andres Chemical engineering transactions 2014 / p. 1105-1110 : ill

<https://doi.org/10.3303/CET1439185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The influence of heat loss from pipes in an unheated basement on the heating energy consumption of an entire typical apartment building

Hamburg, Anti; Kalamees, Targo E3S Web Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) ; 172 2020 / art. 12005 <https://doi.org/10.1051/e3sconf/202017212005> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The major characteristic parameters of the Estonian district heating networks and their efficiency increasing potential

Hlebnikov, Aleksandr; Siirde, Andres Energetika 2008 / 4, p. 67-74

The major characteristic parameters of the Estonian district heating networks, their problems and development

Hlebnikov, Aleksandr; Siirde, Andres The 11th International Symposium on District Heating and Cooling 2008 / p. 141-148

The new dimensioning method of the district heating network

Kõiv, Teet-Andrus; Mikola, Alo; Palmiste, Ülar Applied thermal engineering 2014 / p. 78-82 : ill

<https://doi.org/10.1016/j.applthermaleng.2014.05.087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal comfort and draught assessment in a modern open office building in Tallinn

Kiil, Martin; Mikola, Alo; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02013, 7 p. : ill <https://doi.org/10.1051/e3sconf/201911102013> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Thermal mass and energy recovery utilization for peak load reduction panel

Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Bomberg, Mark Energy procedia 2017 / p. 39-44 : ill

<https://doi.org/10.1016/j.egypro.2017.09.628> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Thermal modelling of a control center for flexibility analysis in nZEB nanogrids

Häring, Tobias; Rosin, Argo; Kull, Tuule Mall; Helguero Cruz, Jorge Luis; Biechl, Helmuth 2020 IEEE 61st International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, Nov. 5-7, 2020 : conference proceedings 2020 / 6 p. : ill <https://doi.org/10.1109/RTUCON51174.2020.9316568>

Toaahju kütmine

Veski, A. Oma Kodu 1937 / lk. 6-9

Toaahju kütmine

Veski, A. Sama // Uus Talu (1937) 1, lk. 16-18

Towards an Intelligent Control System for district heating plants : design and implementation of a fuzzy logic based control loop

Vansovitš, Vitali; Tepļakov, Aleksei; Vassiljeva, Kristina; Petlenkov, Eduard 2016 IEEE 14th International Conference on Industrial Informatics (INDIN) : Palais des Congrès du Futuroscope, Futuroscope - Poitiers, France, 19-21 July, 2016 : proceedings 2016 / p. 405-410 : ill <https://doi.org/10.1109/INDIN.2016.7819193>

Towards the definition of a reference ideal radiator for the assessment of heat emission efficiency in buildings

Ferrantelli, Andrea; Vösa, Karl-Villem; Kurnitski, Jarek IOP conference series : materials science and engineering 2018 / art. 012034, 8 p. : ill <https://doi.org/10.1088/1757-899X/415/1/012034> [Conference proceedings at Scopus](#) [Article at Scopus](#)

TTÜ energia- ja sisekliimalabor. Energiasääst passiivse arhitektuurilise jahutuse ja/või küttemetodite kavandamise abil

Voll, Hendrik; Tomson, Teolan TEUK XII : taastuvate energiaallikate uurimine ja kasutamine : kaheteistkümnenda konverentsi kogumik 2010 / lk. 6-10 : ill

Turbaküte

Kirsimägi, J. Tehnika Põllumajanduses 1936 / lk. 105-107 : joon

Turbaküte ja ahi

Kirsimägi, J. Uus Talu 1936 / lk. 352-356

Universal single-phase voltage converter for illumination, heating and ventilation systems

Gevorkov, Levon 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 125-128 : ill

Utilization of geothermal energy : New possibilities for district heating networks in the Baltic states

Zajacs, Aleksandrs; Šogenova, Alla; Šogenov, Kazbulat; Volkova, Anna; Sliupa, Saulius; Sliapiene, Rasa; Jõelet, Argo
Renewable energy 2025 / art. 122375 <https://doi.org/10.1016/j.renene.2025.122375> <https://doi.org/10.1016/j.renene.2025.122711>

Uudne õhutussüsteem kasutab hoone termilist massi : [magistritöö kokkuvõte]

Minin, Martin Ehitaja 2014 / lk. 37-41 : ill https://artiklid.elnet.ee/record=b2680740*est

Uuendusi korteri keskküttel

Talvik, V. Teadus ja Tehnika 1941 / lk. 278-279 : joon., fot

Vaesusut kartmata tuba soojaks: milline on kõige rahasäästlikum viis elektriga kütta?

Väli, Kristjan Õhtuleht.ee 2021 ["Vaesusut kartmata tuba soojaks: milline on kõige rahasäästlikum viis elektriga kütta?"](https://www.ohuleht.ee/2021/05/12/vaesusut-kartmata-tuba-soojaks-milline-on-koige-rahasaastlikum-viis-elektriga-kutta/)

Vald ei oska, kütja ei taha ja klient kütab toasoojaga ilma : [kommentaar TTÜ kütte ja ventilatsiooni õppetooli juhatajalt Teet-Andrus Kõiv'ult]

Leitmaa, Dannar Eesti Päevaleht 2011 / lk. 8-9

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](#)

Variation of indoor/outdoor particulates in Tallinn, Estonia – the role of ventilation, heating systems and life-style

Orru, Hans; Mikola, Alo; Upan, Madis; Kõiv, Teet-Andrus Journal of environment pollution and human health 2014 / p. 52-57 : ill

Varutoiteallikad aitavad elektrikatkestustest üle

Thalfeldt, Martin; Rosin, Argo Maakodu 2023 / lk. 50-52 : fot https://www.ester.ee/record=b1072539*est

Veepõhised piirdesised kütte- ja jahutussüsteemid. Osa 4, Paigaldamine [Võrguteavik] = Water based surface embedded heating and cooling systems. Part 4, Installation

2021 https://www.ester.ee/record=b5453692*est

Veepõhised piirdesised kütte- ja jahutussüsteemid. Osa 4, Paigaldamine [Võrguteavik] = Water based surface embedded heating and cooling systems. Part 4, Installation

2015 http://www.ester.ee/record=b4523263*est

Ventilation of apartment buildings and nursing homes

Mikola, Alo; Kõiv, Teet-Andrus; Voll, Hendrik Smart grid and renewable energy 2014 / p. 107-119 : ill

Ventilation solutions in renovated apartment buildings in cold climate conditions

Kõiv, Teet-Andrus; Mikola, Alo; Simson, Raimo Engineering 2015 / p. 129-139 : ill

Vertical temperature gradient and operative temperature with three heating systems in a low-energy building

Maivel, Mikk; Kurnitski, Jarek; Lahesoo, Kaarel 7. Passivhus Norden / Sustainable Cities and Buildings : Copenhagen, 20-21 August 2015 2015 / p. 1-9 : ill

Virolaiskerrostalojen lämmön ja veden kulutus

Aro, Teuvo; Jyrkkäranta, Jyri; Hääl, Kaido; Laaksonen, Arto 1999 https://www.ester.ee/record=b1310285*est

Wood burning habits and its effect on the electrical energy demand of a retrofitted Norwegian detached house

Felius, L.C.; Thalfeldt, Martin; Georges, Laurent; Hrynyszyn, B.D.; Dessen, F.; Hamdy, M. IOP conference series : earth and environmental science 2019 / art. 012022, 9 p. : ill <https://doi.org/10.1088/1755-1315/352/1/012022>

Võimalus kütteainete kokkuhoiuks : [kütteaine hoidmine kuuris]

Kiho, J. Tehnika Kõigile 1936 / lk. 76

Õhukonditsioneerid, vedelikjahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessi jahutid elektrikompressoritega. Osa 1, Terminid ja määratlused [Võrguteavik] = Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors. Part 1, Terms and definitions

2018 https://www.ester.ee/record=b5167911*est

Õhukonditsioneerid, vedelikjahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessi jahutid elektrikompressoritega. Osa 4, Nõuded [Võrguteavik] = Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors. Part 4, Requirements

2018 https://www.ester.ee/record=b5167941*est

Õhukonditsioneerid, vesijahutusseadmed ja soojuspumbad ruumide kütteks ja jahutuseks ning protsessi jahutid elektrikompressoritega. Osa 4, Nõuded = Air conditioners, liquid chilling packages and heat pumps for space heating and cooling and process chillers, with electrically driven compressors. Part 4, Requirements

2023 https://www.ester.ee/record=b5578149*est

Ärikinnisvara hooldus – oluline argument LEED sertifitseerimisel

Penjam, Kadri Äripäev 2020 / Lk. 24-25 [Ärikinnisvara hooldus – oluline argument LEED sertifitseerimisel](https://www.ester.ee/record=b5223461*est)
https://www.ester.ee/record=b5223461*est

Ühe prügi on teise varandus! Mis on energiakaskaadid ja kuidas liikuda nende abil tõhusama energiasüsteemi poole? [Võrguväljaanne]

digi.geenius.ee 2022 [Ühe prügi on teise varandus! Mis on energiakaskaadid ja kuidas liikuda nende abil tõhusama energiasüsteemi poole?](https://www.ester.ee/record=b5578149*est)

Ühtsest küttesüsteemist lahtiühendamise kaasnivad probleemid

Soosaar, Sulev Elamu 2006 / 5, lk. 14-15, 38-39

В каком районе самое дорогое отопление? Как сэкономить на коммунальных счетах? Отвечает доктор наук [Online resource]

Bestšastnõi, Vitali-Dmitri rus.delfi.ee 2022 ["В каком районе самое дорогое отопление? Как сэкономить на коммунальных счетах? Отвечает доктор наук"](https://www.ester.ee/record=b5578149*est)

Зависимость теплового состояния школьного помещения от тепловой радиации отопительных приборов : автореферат ... кандидата технических наук

Sasi, Lennart 1967 http://www.ester.ee/record=b1669018*est

Исследование автоматизированной системы скоординированного отпуска тепла на отопление и горячее водоснабжение жилых зданий

Tšistovitš, S.; Dratšnev, V.; Kõiv, Teet-Andrus Теплоэнергетика 1979 / с. 63-66 : ил https://www.ester.ee/record=b1443335*est

Исследование работы подогревателей системы теплоснабжения

Косарева, Наталья; Немов, Дмитрий; Kõiv, Teet-Andrus 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция строительства. Секция техники окружающей среды 1991 / с. 40-45: ил

К динамическому расчету дизельных топливных систем с пружинно-гидравлическим запирающим иглы форсунки

Soskind, Gennadi Судовые силовые установки : сборник статей. 5 1969 / с. 27-34 : илл https://www.ester.ee/record=b2189949*est
<https://digikogu.taltech.ee/et/Item/87c22f18-f4eb-4229-b2dd-f0ec3b75d618>

Крупенский: люди делают выбор в пользу энергоэффективности [Online resource]

Krupenski, Igor Stolitsa.ee 2021 ["Крупенский: люди делают выбор в пользу энергоэффективности"](https://www.ester.ee/record=b5578149*est)

Курс строительного искусства в связи с расчетами устойчивости и прочности частей сооружений : в десяти частях. 7

Poleštšuk, Aleksander 1904 https://www.ester.ee/record=b2729338*est

Лабораторные работы : отопление и вентиляция

1987 https://www.ester.ee/record=b1353471*est

Многokвартирный дом сэкономил зимой 85 000 евро на счетах за отопление. Как у них это получилось? [Online resources]

Velleste, Eget dekor.delfi.ee 2022 [Многokвартирный дом сэкономил зимой 85 000 евро на счетах за отопление. Как у них это получилось?](https://www.ester.ee/record=b5578149*est)

Накопители тепла в системе отопления индивидуального дома

Klevtsov, Ivan; Krein, R.A.; Porteiro, H.L.F. Теплоэнергетика 1997 / 8, с. 68-71: ил

Новая система скоординированного отпуска тепла на отопление и горячее водоснабжение жилых зданий

Kõiv, Teet-Andrus Опыт проектирования, строительства и эксплуатации районных отопительных котельных : Материалы краткосроч. семинара, 5-6 марта 1979 / с. 22-29

О влиянии разгрузки нагнетательного трубопровода топливной системы на основные параметры впрыска и работу дизеля

Soskind, Gennadi; Murel, Peeter Судовые силовые установки : сборник статей. 5 1969 / с. 35-43 : илл

https://www.ester.ee/record=b2189949*est <https://digikogu.taltech.ee/et/Item/87c22f18-f4eb-4229-b2dd-f0ec3b75d618>

Отопление и вентиляция : лабораторные работы

1987 https://www.ester.ee/record=b1353471*est

Потребление тепла и воды в многоквартирных домах Эстонии

Hääl, Kaido; Aro, Teuvo; Jyrkkäranta, Jyri; Laaksonen, Arto 2002 https://www.ester.ee/record=b1740492*est

Рациональная в условиях ЭССР система отопления для малоэтажных домов

Otloot, Hendrik Научная сессия 1947/48 уч. года : тезисы докладов 1948 / с. 12-13 https://www.ester.ee/record=b1749673*est

Способ отпуска тепла на отопление и горячее водоснабжение зданий (тезисы докладов)

Kõiv, Teet-Andrus; Madar, H.H. Управление микроклиматом в обогреваемых зданиях : Тезисы докладов семинара, ноября 1982 1982 / с. 20-21

Таллиннцы получают в январе огромные счета за отопление: цены вырастут на 56% [Online resource]

Bestšastnõi, Vitali-Dmitri rus.delfi.ee 2021 ["Таллиннцы получают в январе огромные счета за отопление: цены вырастут на 56%"](#)

Экономика и организация теплогазоснабжения и вентиляции : (материалы семинара, проведенного в Таллинском политехническом институте, 18-21 апреля, 1972 г.)

1972 https://www.ester.ee/record=b1327164*est