

A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance [Online resource]

Rovers, Ronald; Kuusk, Kalle; Pihelo, Peep; Kalamees, Targo 2018 [A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for \(N\)Zeb Performance](#)

A method of optimizing fenestration design for daylighting to reduce heating and cooling loads in offices

Voll, Hendrik; Seinre, Erkki Journal of civil engineering and management 2014 / p. 714-723 : ill

A MPPT control method for full soft-switching high step-up current-fed DC-DC converter

Kosenko, Roman; Roasto, Indrek 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 199-203 : ill

A new approach to the preparation of engineers of building energy efficiency

Kõiv, Teet-Andrus; Kallemets, Everyn; Vares, Villu; Rebane, Merje Latest Advances in Educational Technologies : proceedings of the 11th WSEAS International Conference on Education and Educational Technology (EDU '12) : Singapore City, Singapore, May 11-13, 2012 2012 / p. 144-147

A techno-economic simulation model to reveal the relevance of construction process impact factors for External Thermal Insulation Composite System (ETICS)

Sulakatko, Virgo World Academy of Science, Engineering and Technology. International journal of architectural and environmental engineering 2017 / [1] p <http://dai.waset.org/1307-6892/64692>

Actual energy performance and indoor climate in Finnish NZEB daycare and school buildings

Ahmed, Kaiser; Hasu, Tero; Kurnitski, Jarek Journal of building engineering 2022 / art. 104759

<https://doi.org/10.1016/j.jobbe.2022.104759> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Adjusting the number of working pumps through efficiency control

Bakman, Ilja Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 75-80 : ill

Advances in climatic form finding in architecture and urban design

De Luca, Francesco Energies 2023 / art. 3935 <https://doi.org/10.3390/en16093935>

Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek Energy and technical building systems - scientific and technological advances 2020 / p. 32-52 : ill <https://doi.org/10.3390/books978-3-03928-179-4>

Air distribution and air handling unit configuration effects on energy performance in an air-heated ice rink arena

Taebnia, Mehdi; Toomla, Sander; Leppä, Lauri; Kurnitski, Jarek Energies 2019 / art. 693, 21 p. : ill <https://doi.org/10.3390/en12040693>

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

Air leakage levels in timber frame building envelope joints

Kalamees, Targo; Alev, Üllar; Pärnalaas, Mihkel Building and environment 2017 / p. 121-129 : ill

<https://doi.org/10.1016/j.buildenv.2017.02.011>

Airtightness of Estonian dwellings – median and base-values for heat loss estimation

Hallik, Jaanus; Kalamees, Targo; Pikas, Ergo Journal of Physics: Conference Series 2023 / 9 p <https://doi.org/10.1088/1742-6596/2654/1/012063>

Airtightness of residential buildings in Finland

Vinha, Juha; Manelius, Elina; Kurnitski, Jarek Building and environment 2015 / p. 128-140 : ill

Airtightness, air exchange and energy performance in historic residential buildings with different structures

Eskola, Lari; Alev, Üllar; Arumägi, Endrik; Jokisalo, Juha; Donarelli, Anna; Sirén, Kai; Kalamees, Targo International journal of ventilation 2015 / p. 11-26 : ill <https://doi.org/10.1080/14733315.2015.11684066>

Akadeemia tee 5A pereühiselamu renoveeriti liginullenergiahooneks

Mente et Manu 2017 / lk. 7 : fot http://www.ester.ee/record=b1242496*est

Algas registreerimine konverentsile Säästlik Hoone 2022 [Võrguväljaanne]

2022 ["Algas registreerimine konverentsile Säästlik Hoone 2022 "](#)

Analüüs : Eesti hoonefondi kaasajastamine nõuab 24 miljardit eurot [Võrguväljaanne]

Oidermaa, Jaan-Juhan; Kurnitski, Jarek novaator.err.ee 2020 / fot [Analüüs: Eesti hoonefondi kaasajastamine nõuab 24 miljardit eurot](#)

Analüüs uue puidust liginullenergiahoone kuluoptimaalsusest

Arumägi, Endrik Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2021 / Lk. 10 https://static-pdf.aripaev.ee/QddBW9e_Hq4I1zNz_G0UWVGUltE.pdf https://www.ester.ee/record=b5223461*est

Analyses of the extra cost of NZEB and low energy apartment buildings

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek World Sustainable Energy Days 2015 : Young Researchers' Conference : Energy Efficiency : 25-27 February 2015, Wels, Austria 2015

Analysis and design of asymmetric quad-active-bridge converter

Chub, Andrii; Costa, Levy; Liserre, Marco IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society : proceedings : China National Convention Center, Beijing, China, 29. October - 01. November, 2017 2017 / p. 5367-5372 : ill <https://doi.org/10.1109/IECON.2017.8216930>

Analysis of energy economic renovation for historic wooden apartment buildings in cold climates

Arumägi, Endrik; Kalamees, Targo Applied energy 2014 / p. 540-548 : ill

Analysis of energy use in detached houses to determine energy performance requirements in Estonia

Ilomets, Simo; Kalamees, Targo; Kõiv, Teet-Andrus Proceedings of Clima2010 10th Rehva World Congress "Sustainable Energy Use in Buildings" : Antalya, 9-12.05.2010 2010 / [8] p

Analysis of heating energy of ventilation and underground heat exchanger in North European passive houses

Voll, Hendrik; Seinre, Erkki; Sööt, Mati International journal of energy and environment 2012 / p. 92-100 : ill https://www.academia.edu/100156656/Analysis_of_Heating_Energy_of_Ventilation_and_Underground_Heat_Exchanger_in_North_European_Passive_Houses

Analysis of on-site construction processes for effective external thermal insulation composite system (ETICS) installation

Sulakatko, Virgo; Lill, Irene; Liisma, Eneli Procedia economics and finance 2015 / p. 297-305 : ill

Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building

Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 <https://doi.org/10.26868/25222708.2021.30566>

Analysis of the insulation criteria for nearly-zero energy buildings in Estonia

Voll, Hendrik; De Luca, Francesco; Pavlovas, Vitalis Science and technology for the built environment 2016 / p. 939-950 : ill <http://dx.doi.org/10.1080/23744731.2016.1195657>

Analytical modelling and prediction formulas for domestic hot water consumption in residential Finnish apartments

Ferrantelli, Andrea; Ahmed, Kaiser; Pylsy, Petri; Kurnitski, Jarek Energy and buildings 2017 / p. 53-60 : ill <https://doi.org/10.1016/j.enbuild.2017.03.021>

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](#)

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](#)

Arhitekt: eestlased ei ole liginullenergiamaju veel omaks võtnud

Kald, Annika Oma Maja : Äripäeva Kuukiri 2021 / Lk. 32, 34, <https://static-pdf.aripaev.ee/01sV22yPmycbqdLsaJQ2VnDSxkk.pdf> <https://dea.digar.ee/article/apomamaja/2021/04/29/24.1>

Arhitektuurimuuseumi vestlussari "(H)arutus" keskendub sel korral kallile toasoojale [Võrguväljaanne]

err.ee 2022 [Arhitektuurimuuseumi vestlussari "\(H\)arutus" keskendub sel korral kallile toasoojale](#)

Arvamusfestival : töö liginullenergiahoonetega ei lõpe aastal 2020

Kiisler, Eva; Veske, Andres; Kurnitski, Jarek; Koit, Priit; Sillmann, Karin; Hani, Allan Ehitaja 2017 / lk. 17-18 : fot http://www.ester.ee/record=b1072123*est

Arvate, et teile müüdi A-energiaklassi korter? Mõõtku uuesti

Raig, Tanel arileht.delfi.ee 2023 [Arvate, et teile müüdi A-energiaklassi korter? Mõõtku uuesti](#)

Assessment of retrofit measures for industrial halls: energy efficiency and renovation budget estimation

Simson, Raimo; Fadejev, Jevgeni; Kurnitski, Jarek; Kesti, Jyrki; Lautso, Petteri Energy procedia 2016 / p. 124-133 : ill
<https://doi.org/10.1016/j.egypro.2016.09.114>

Asuntomessutalojen energiatehokkuus : Tampereen asuntomessujen pientalojen energiatehokkuuden lähempi tarkastelu osoittaa yllättävän suurta vaihtelua

Kurnitski, Jarek TM rakennusmaailma 2012 / s. 30-36 : ill

Audit for Building Automation and Control System (BACS) – preparation works for retrofitting nonresidential buildings

Uutar, Aivar Proceedings of Healthy Buildings 2012 : Brisbane, Australia 8-12 July 2012 2012 / [6] p. : ill

Basic design principles of nZEB buildings in scoping and conceptual design

Voll, Hendrik; Kosonen, Risto; Kurnitski, Jarek Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 103-134 : ill

Basic theory and methods for managing energy efficiency in consumer systems

Karpov, V.; Kabanen, Toivo; Yuldashev, Z. Sh.; Nemtsev, A.; Nemtsev, I. Agronomy research 2016 / p. 1619-1625 : ill
<http://agronomy.emu.ee/category/volume-14/number-5/> http://www.ester.ee/record=b1787401*est

Benchmarking the measured energy use of Nordic residential buildings and their Zero Energy-readiness

Ferrantelli, Andrea; Thalfeldt, Martin; Kurnitski, Jarek 2022: CLIMA 2022 The 14th REHVA HVAC World Congress 2022 / p. 1-8
<https://doi.org/10.34641/clima.2022.171>

Beyond 5G/6G KPIs and target values : Version 1.0-June 2022

Nielsen, Lars; Gavras, Anastasius; Dieudonne, Michael; Mesogiti, Ioanna; Roosipuu, Priit; Houatra, Drissa; Kosmatos, Evangelos 2022 <https://doi.org/10.5281/zenodo.6577506>

Bidirectional operation of the power electronic interface for nearly-zero energy buildings

Roasto, Indrek; Jalakas, Tanel; Rosin, Argo 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2456-2464 : ill <https://ieeexplore.ieee.org/document/8515405>

Building cluster optimization to integrate energy performance and outdoor thermal comfort

De Luca, Francesco; Naboni, Emanuele; Lobaccaro, Gabriele; Sepulveda Luque, Abel 2020 Proceedings of the Symposium on Simulation for Architecture and Urban Design 2020 / p. 345-348 : ill https://www.simaud.org/proceedings/download.php?f=SimAUD2020_Proceedings_HiRes.pdf

Building leakage, infiltration and energy performance analyses for Finnish detached houses

Jokisalo, Juha; Kurnitski, Jarek; Korpi, Minna; Kalamees, Targo; Vinha, Juha Building and environment 2009 / 2, p. 377-387 : ill

Building performance indicators and IEQ assessment procedure for the next generation of EPC-s

Võsa, Karl-Villem; Ferrantelli, Andrea; Tzanev, Dragomir; Simeonov, Kamen; Carnero, Pablo; Espigares, Carlos; Navarro Escudero, Miriam; Quiles, Pedro Vicente; Andrieu, Thibault; Battezzati, Florian; Kurnitski, Jarek E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 13003, 9 p <https://doi.org/10.1051/e3sconf/202124613003> [Conference Proceedings at Scopus](#)
[Article at Scopus](#) [Article at WOS](#)

Building sustainability objective assessment in Estonian context and a comparative evaluation with LEED and BREEAM

Seinre, Erkki; Kurnitski, Jarek; Voll, Hendrik Building and environment 2014 / p. 110-120 : ill

Buildings' energy efficiency measures effect on CO2 emissions in combined heating, cooling and electricity production

Pylsy, Petri; Lylykangas, Kimmo Sakari; Kurnitski, Jarek Renewable and sustainable energy reviews 2020 / art. 110299, 18 p : ill
<https://doi.org/10.1016/j.rser.2020.110299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BuildIT fookuses tehnosüsteemid

EhitusEST 2024 / lk. 22 : fot https://www.ester.ee/record=b4442657*est

Calculation and compliance procedures of thermal bridges in energy calculations in various European countries

Kuusk, Kalle; Kurnitski, Jarek; Kalamees, Targo Energy procedia 2017 / p. 27-32 : ill <https://doi.org/10.1016/j.egypro.2017.09.626>

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 <http://dx.doi.org/10.3846/13923730.2014.975741>

Choice of light regulation technique for distributed lighting

Milaševski, Irena; Tetervenk, Oleg; Galkin, Ilja Технічна електродинаміка : тематичний випуск : силова електроніка та енергоефективність 2012 / p. 74-78 : ill

Cleaner pellet production – an energy consumption study using statistical analysis

Vigants, Haralds; **Uuemaa, Priit;** Veidenbergs, I.; Blumberga, Dagnija Agronomy research 2014 / p. 633-644 : ill

CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019

2019 <https://www.e3s-conferences.org/articles/e3sconf/abs/2019/37/contents/contents.html>

CO2 jalajälje andmebaasil on veel arenguruumi

Vilk, Urve Ehitaja 2024 / lk. 32-34 : fot https://www.ester.ee/record=b1072123*est

Combination of advanced oxidation methods for the energy-efficient abatement of aqueous and gaseous hazardous pollutants = Süvaoksüdatsiooniprotsesside kombineerimine ohtlike saasteainete energiatõhusaks lagundamiseks vees ja õhus

Kask, Maarja 2021 https://www.ester.ee/record=b5451819*est <https://digikogu.taltech.ee/et/Item/26344f14-93e2-432d-82d6-cc540247d95b>
<https://doi.org/10.23658/taltech.37/2021>

Comparative analysis of machine learning techniques for non-intrusive load monitoring

Shabbir, Noman; Vassiljeva, Kristina; Hokmabad, Hossein Nouroollahi; Husev, Oleksandr; Petlenkov, Eduard; Belikov, Juri Electronics 2024 / art. 1420 <https://doi.org/10.3390/electronics13081420>

A comparative analysis of NZEB energy performance requirements for residential buildings in Denmark, Estonia and Finland

Simson, Raimo; Thomsen, Kirsten Englund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 14001, 12 p. : ill <https://doi.org/10.1051/e3sconf/202124614001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparative analysis of semiconductor power losses of galvanically isolated quasi-Z-source and full-bridge boost DC-DC converters

Kosenko, Roman; Liivik, Liisa; **Chub, Andrii;** Velihorskyi, Oleksandr Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2015 / p. 5-12 : ill <https://doi.org/10.1515/ecce-2015-0001>

Comparative analysis of wind generator energy efficiency based on machine design

Kallaste, Ants; Vaimann, Toomas; **Kilk, Aleksander;** Belahcen, Anouar 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 9-12 : ill

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; **Latšov, Eduard;** Murauskaitė, Lina; Džiuvė, Vytautas Energy 2023 / art. 128132

Comparative simulation study of pump system efficiency driven by induction and synchronous reluctance motors

Gevorkov, Levon; Dominguez-Garcia, Jose Luis; **Rassõlkin, Anton;** **Vaimann, Toomas** Energies 2022 / art. 4068
<https://doi.org/10.3390/en15114068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of smart lighting grids with LEDs operated with concentrated, localized or distributed control [Electronic resource]

Suzdalenko, Alexander; **Milaševski, Irena;** Galkin, Ilja SPEEDAM 2012 : Sorrento (Italy) - June 20-22, 2012 : 21st edition of the International Symposium on Power Electronics, Electrical drives, Automation and Motion 2012 / p. 1437-1441 : ill [CD-ROM]
<https://ieeexplore.ieee.org/document/6264633>

Comparative study of using periodic daily and long-term weather data for cooling system sizing and impact of thermal mass

Seyed Salehi, Seyed Shahabaldin; **Kurnitski, Jarek;** **Thalfeldt, Martin** E3S Web Conference: BuildSim Nordic 2022 2022 / art. 06002 <https://doi.org/10.1051/e3sconf/202236206002> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Comparison of energy modelling and laboratory tests on green roof potential to decrease the cooling demand for North European office buildings

Voll, Hendrik; **Kõiv, Teet-Andrus** Recent Researches in Automatic Control : 13th WSEAS International Conference on Automatic Control, Modelling & Simulation (ACMOS'11), Lanzarote, Canary Islands, May 27-29, 2011 2011 / p. 125-130 : ill

A concept to assess the economic importance of the on-site activities of ETICS

Sulakatko, Virgo; Vogdt, Frank U.; **Lill, Irene** World Academy of Science, Engineering and Technology. International journal of civil, environmental, structural, construction and architectural engineering 2017 / p. 518-522 : ill <http://scholar.waset.org/1999.3/10007384>

Control of bidirectional grid-forming inverter for nearly zero energy buildings

Roasto, Indrek; Jalakas, Tanel; Rosin, Argo 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659848>

Cooling thermal comfort and efficiency parameters of ceiling panels, underfloor cooling, fan-assisted radiators, and fan coil

Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek Energies 2022 / art. 4156 <https://doi.org/10.3390/en15114156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cost and energy reduction of a New nZEB wooden building

Arumägi, Endrik; Kalamees, Targo Energies 2020 / art. 3570, 16 p. : ill <https://doi.org/10.3390/en13143570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cost optimal and nearly zero energy performance requirements for buildings in Estonia

Kurnitski, Jarek; Saari, Arto; Kalamees, Targo; Vuolle, Mika; Niemelä, Jouko; Tark, Teet Estonian journal of engineering 2013 / p. 183-202 : ill https://artiklid.elnet.ee/record=b2632889*est

Cost optimal and nearly zero (nZEB) energy performance calculations for residential buildings with REHVA definition for nZEB national implementation

Kurnitski, Jarek; Saari, Arto; Kalamees, Targo; Vuolle, Mika; Niemelä, Jouko; Tark, Teet Energy and buildings 2011 / p. 3279-3288 : ill

Cost optimal energy savings and scenarios for ENMAK 2030+ energy action plan

Kurnitski, Jarek; Kuusk, Kalle Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 63-73 : ill

Cost optimal renovation solutions for apartment buildings

Kuusk, Kalle Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 132-138 : ill

Cost-benefit analysis of nZEB energy efficiency strategies with on-site photovoltaic generation

Pikas, Ergo; Kurnitski, Jarek; Thalfeldt, Martin; Koskela, Lauri Energy 2017 / p. 291-301 : ill <https://doi.org/10.1016/j.energy.2017.03.158>

Cost-effective energy and indoor climate renovation of Estonian residential buildings

Kalamees, Targo; Kuusk, Kalle; Arumägi, Endrik; Alev, Üllar Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies 2017 / p. 405-454 : ill http://www.ester.ee/record=b4674305*est <https://doi.org/10.1016/B978-0-08-101128-7.00015-0>

Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies

2017 http://www.ester.ee/record=b4674305*est <https://www.sciencedirect.com/science/book/9780081011287>

Coupling of the electricity and district heat generation sectors with building stock energy retrofits as a measure to reduce carbon emissions

Jokinen, Ilkka; Lund, Andreas; Hirvonen, Janne; Jokisalo, Juha; Kosonen, Risto; Lehtonen, Matti Energy conversion and management 2022 / art. 115961, 17 p. : ill <https://doi.org/10.1016/j.enconman.2022.115961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data analysis of building sensors for efficient energy management and future trends in the EU

Crasta, Cletus J.; Agabus, Hannes 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 8 p. : ill <https://doi.org/10.1109/PQ.2019.8818242>

Data for occupancy internal heat gain calculation in main building categories

Ahmed, Kaiser; Kurnitski, Jarek; Olesen, Bjarne Data in brief 2017 / p. 1030-1034 : tab <https://doi.org/10.1016/j.dib.2017.10.036>

Data type dependent energy consumption estimation

Ruberg, Priit; Lass, Keijo; Ellervee, Peeter 2nd IEEE NORCAS Conference : 1-2 November 2016, Copenhagen, Denmark 2016 / [5] p. : ill <https://doi.org/10.1109/NORCHIP.2016.7792916>

Decoding the atomic structure of Ga2Te5 pulsed laser deposition films for memory applications using diffraction and first-principles simulations

Tverjanovich, Andrey; Benmore, Chris J.; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; Bereznev, Sergei; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Nanomaterials 2023 / art. 2137 <https://doi.org/10.3390/nano13142137>

Decreasing shipping's greenhouse gas emissions

Tapaninen, Ulla Piritä 2023 <https://doi.org/10.4135/9781529616804>

Deep energy renovation of old concrete apartment building to nZEB by using wooden modular element

Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle II Miedzynarodowa Konferencja : Forum Holzbau Polska 2018 / 10 p. : ill
<http://forum-holzbau.pl/category/filmy-i-zdjecia/> <https://www.etis.ee/File/DownloadPublic/b9656a11-ef9e-4b34-9033-83254134f617?name=Deep%20energy%20renovation%20of%20old%20concrete%20apartment%20building%20to%20nZEB%20by%20using%20wooden%20modular%20elements.pdf&type=application%2Fpdf>

Deep energy renovation of old concrete apartment building to nZEB by using wooden modular elements

Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle Forum Holz Bau Garmisch 17 : 23. Internationales Holzbau-Forum (IHF 2017) : aus der Praxis - für die Praxis : Kongresszentrum, Garmisch-Partenkirchen ; B. 2 2017 / p. 317-325 : ill <http://www.gbv.de/dms/tib-ub-hannover/1014402786.pdf>

Defect analysis of renovated facade walls with etics solutions in cold climate conditions

Liisma, Eneli; Sepri, Raili; Raado, Lembi-Merike; Lill, Irene; Witt, Emllyn David Qivitoq; Sulakatko, Virgo; Pöldaru, Mattias CESB 16 - Central Europe Towards Sustainable Building 2016 : Innovations for Sustainable Future : [book of abstracts] 2016 / p. 65-66

Defect analysis of renovated facade walls with etics solutions in cold climate conditions [Online resource]

Liisma, Eneli; Sepri, Raili; Raado, Lembi-Merike; Lill, Irene; Witt, Emllyn David Qivitoq; Sulakatko, Virgo; Pöldaru, Mattias CESB 16 - Central Europe Towards Sustainable Building 2016 : Innovations for Sustainable Future : [electronic proceedings] 2016 / p. 174-181 : ill

Definition of a reference residential building prototype for evaluating IAQ and energy efficiency strategies – Estonia

Palmiste, Ülar; Lumilaan, Areenika Subtask 2: Pollutant loads in residential buildings (Common exercises) 2020 / p. 97–113 : ill
https://iea-ebc.org/Data/publications/EBC_Annex_68_Subtask_2_Report_Part_II_October_2020.pdf

Degradation of antibiotic vancomycin by UV photolysis and pulsed corona discharge combined with extrinsic oxidants

Nikitin, Dmitri; Kaur, Balpreet; Preis, Sergei; Dulova, Niina Catalysts 2023 / art. 466, 16 p. : ill <https://doi.org/10.3390/catal13030466>

Degradation of anti-inflammatory drug dexamethasone by pulsed corona discharge : The effect of peroxycompounds addition

Onga, Liina; Kattel-Salusoo, Eneliis; Preis, Sergei; Dulova, Niina Journal of environmental chemical engineering 2022 / art. 108042 <https://doi.org/10.1016/j.jece.2022.108042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demand controlled ventilation indoor climate and energy performance in a high performance building with air flow rate controlled chilled beams

Ahmed, Kaiser; Kurnitski, Jarek; Sormunen, Piia Energy and buildings 2015 / p. 115-126 : ill

Demand side management potential in Estonia

Drovtar, Imre Doctoral School of Energy and Geotechnology II : closing conference of the project : Pärnu, Estonia, January 12-17, 2015 2015 / p. 81-87 : ill

Dependence of measured specific air leakage rate (qE50) on envelope pressure differences and measurement position: A case study in an apartment building in winter conditions

Klõšeiko, Paul; Arumägi, Endrik; Hallik, Jaanus; Kalamees, Targo Journal of Physics: Conference Series 2021 / art. 012229, 3 p. : ill <https://doi.org/10.1088/1742-6596/2069/1/012229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Design of the first net-zero energy buildings in Estonia

Arumägi, Endrik; Kalamees, Targo Science and technology for the built environment 2016 / p. 1039-1049 : ill
<http://dx.doi.org/10.1080/23744731.2016.1206793>

Detailed and simplified window model and opening effects on optimal window size and heating need

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik Energy and buildings 2016 / p. 242-251 : ill
<http://dx.doi.org/10.1016/j.enbuild.2016.06.002>

Determination of energy performance requirements for apartment buildings in Estonia

Hani, Allan; Kalamees, Targo; Kõiv, Teet-Andrus 9th International Conference & Exhibition Healthy Buildings 2009 : September 13-17, 2009, Syracuse, NY, USA 2009 / paper 409, [4] p. : ill

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](#)

Development and experimental assessment of a flexible robot fin

Gkliva, Roza; Sfakiotakis, Michael; **Kruusmaa, Maarja** 2018 IEEE International Conference on Soft Robotics (RoboSoft) : proceedings 2018 / p. 208-213 : ill <https://doi.org/10.1109/ROBOSOFT.2018.8404921>

Development of experimental load management system for nearly zero-energy building

Maask, Vahur; Rosin, Argo; Roasto, Indrek 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 5 p. : ill
<https://doi.org/10.1109/RTUCON.2018.8659826>

Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings

Pihelo, Peep; Kalamees, Targo Journal of sustainable architecture and civil engineering 2024

Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings

Pihelo, Peep; Kalamees, Targo 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 98-99 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>

Distribution of solar irradiance on inclined surfaces due to the plane of the ground

Tomson, Teolan; Voll, Hendrik Journal of power and energy engineering 2014 / p. 1-10 : ill

Do national energy performance requirements promote or compromise good indoor climate?

Kurnitski, Jarek Proceedings of Healthy Buildings 2012 : Brisbane, Australia 8-12 July 2012 2012 / [6] p. : ill

Do we need human capital heterogeneity for energy efficiency and innovativeness? Insights from European catching-up territories

Prokop, Viktor; Gerstlberger, Wolfgang Dieter; Zapletal, David; Gyamfi, Solomon Energy policy 2023 / art. 113565, 16 p
<https://doi.org/10.1016/j.enpol.2023.113565>

Doktoritöö : enamik Eesti kortermajade tuulutussüsteemidest vajab uuendamist

Oidermaa, Jaan-Juhan novaator.err.ee 2022 [Doktoritöö : enamik Eesti kortermajade tuulutussüsteemidest vajab uuendamist](https://digikogu.taltech.ee/et/Item/55e3f98e-1a11-498e-98c5-3068a231e2d5)
<https://digikogu.taltech.ee/et/Item/55e3f98e-1a11-498e-98c5-3068a231e2d5>

Doktoritöö aitab anda Eesti paneelmajade uuendamisele tööstusliku mõõtme [Võrguväljaanne]

Oldermäe, Jaan-Juhan novaator.err.ee 2020 / fot [Doktoritöö aitab anda Eesti paneelmajade uuendamisele tööstusliku mõõtme](https://digikogu.taltech.ee/et/Item/55e3f98e-1a11-498e-98c5-3068a231e2d5)

Dynamic motion energy efficiency measurement of ground vehicles

Väljaots, Eero; Sell, Raivo Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 367-372 : ill

Economic dispatch of CHP units through District Heating Network's demand-side management

Rušeljuk, Pavel; Lepiksaar, Kertu; Siirde, Andres; Volkova, Anna Energies 2021 / art. 4553, 20 p. : ill
<https://doi.org/10.3390/en14154553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Economic viability of energy-efficiency measures in educational buildings in Finland

Alanne, Kari; Schade, Jutta; Martinac, Ivo; Saari, Arto; Jokisalo, Juha; Kalamees, Targo Advances in building energy research 2013 / p. 120-127

EEMontti – Lämmityskulut puoleen : energiaremontilla innovatiivisia ratkaisuja sähkölämmitteisten pientalojen energiatehokkuuden ja ilmanvaihdon parantamiseksi

Häkämies, S.; Kurnitski, Jarek Sisäilmastoseminaari 2012 : Espoo 14.3.2012 : SIY Raportti 30 2012 / s. 275–280

Eesti Korterühistute Liidu juhatus esimees: energiavaesus on Eestis täna väga tõsine teema [Võrguväljaanne]

postimees.ee 2022 [Eesti Korterühistute Liidu juhatus esimees: energiavaesus on Eestis täna väga tõsine teema](https://postimees.ee/2022/05/10/energia-vaesus-on-eestis-tana-vaega-toesine-teema)

Eesti liigub hoonete nullheite suunas, vaid väiksemad eramajad kipuvad tempost maha jääma [Võrguväljaanne]

postimees.ee 2022 [Eesti liigub hoonete nullheite suunas, vaid väiksemad eramajad kipuvad tempost maha jääma](https://postimees.ee/2022/05/10/estli-liigub-hoonete-nullheite-suunas-vaid-vaiksemad-eramajad-kipuvad-tempost-maha-jaama)

Eesti teadlased lõövad kaasa põnevas projektis, mis aitab taastuenergiat laialdasemalt kasutusele võtta ja suurendada energiatõhusust

geenius.ee 2023 [Eesti teadlased lõövad kaasa põnevas projektis, mis aitab taastuenergiat laialdasemalt kasutusele võtta ja suurendada energiatõhusust](https://geenius.ee/2023/05/10/estli-teadlased-loevad-kaasa-ponevas-projektis-mis-aitab-taastuenergiat-laialdasemalt-kasutusele-votta-ja-suurendada-energiatohusust)

Eesti teadlased pakkusid välja kaugkütte taaskasutuse : soojust saab saata «uuele ringile» [Võrguväljaanne]

Lepiksaar, Kertu; Poom, Siim postimees.ee 2022 [Eesti teadlased pakkusid välja kaugkütte taaskasutuse: soojust saab saata «uuele ringile»](https://postimees.ee/2022/05/10/estli-teadlased-pakkusid-valja-kaugkutte-taaskasutuse-soojust-saab-saata-uuuele-ringile)

Eesti teadlased töötasid välja meetodi energiamärgise koheseks määramiseks

director.ee 2023 [Eesti teadlased töötasid välja meetodi energiamärgise koheseks määramiseks](https://director.ee/2023/05/10/estli-teadlased-tootasid-valja-meetodi-energiamaergise-koheseks-maaramiseks) [Eestis töötati välja uudne energiamärgise määramise lahendus](https://director.ee/2023/05/10/estli-teadlased-tootasid-valja-meetodi-energiamaergise-koheseks-maaramiseks) [Eestis töötati välja uudne energiamärgise määramise lahendus](https://director.ee/2023/05/10/estli-teadlased-tootasid-valja-meetodi-energiamaergise-koheseks-maaramiseks)

Eesti teadlased töötasid välja meetodi kohese energiamärgise määramiseks

jarvateataja.postimees.ee 2023 [Eesti teadlased töötasid välja meetodi kohese energiamärgise määramiseks](#)

Eesti valmistub rohepöördeks maju soojustades

Tiks, Joosep Eesti Päevaleht 2021 / Lk. 18-19 : fot <https://dea.digar.ee/article/eestipaevaleht/2021/03/31/21.2>

Eesti valmistub rohepöördeks maju soojustades [Võrguväljaanne]

Tiks, Joosep epl.delfi.ee 2021 ["Eesti valmistub rohepöördeks maju soojustades"](#)

Eestis loodud nutiventilatsiooniseade toob leevendust kehvale toaõhule : [ka J. Kurnitski kommentaaridega]

Linnaleht 2018 / lk. 17 : fot

Eestis on veel 14 000 renoveerimist vajavat kortermaja

Kald, Annika Äripäev 2020 / Lk. 14 <https://dea.digar.ee/publication/aripaev>

Eestis töötati välja uudne energiamärgise määramise lahendus

Ehitaja 2023 / lk. 34 : fot https://www.ester.ee/record=b1072123*est

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

Effects of energy retrofits on indoor air quality in three Northern European countries

Prasauskas, Tadas; Martuzevicius, Dainius; Kalamees, Targo; Kuusk, Kalle; Leivo, Virpi; Haverinen-Shaughnessy, Ulla Energy procedia 2016 / p. 253-259 : ill <https://doi.org/10.1016/j.egypro.2016.09.134>

Efficiency improvement from topology modification of the single-switch isolated quasi-Z-source DC-DC converter [Online resource]

Liivik, Elizaveta; Chub, Andrii; Vinnikov, Dmitri 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : October 13, 14, 2016 : conference proceedings 2016 / [7] p. : ill <https://doi.org/10.1109/RTUCON.2016.7763118>

Efficiency map comparison of induction and synchronous reluctance motors

Rassõlkin, Anton; Heidari, Hamidreza; Kallaste, Ants; Vaimann, Toomas; Acedo, Jaime Pando; Romero-Cadaval, Enrique 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia, 30th of January – 2nd of February 2019 : proceedings 2019 / 4 p. : ill <https://doi.org/10.1109/IWED.2019.8664334>

Ehituse asjatundja: Eramu energiaklassi annab tõsta vähese vaevaga

Laks, Liina Pärnu Postimees 2023 / Lk. 6 <https://dea.digar.ee/article/parnupostimees/2023/04/28/9.1>

Ehitusfüüsika ja energiatõhususe teadustaristu

Kalamees, Targo Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 20-26 : ill

Ehitusfüüsika ja energiatõhususe uurimis- ja teadustaristu

Kalamees, Targo 100 aastat TTÜ ehitusinsenere 2018 / lk. 303-309 : ill

Ehitusjooksu uus stardipakk

Strandberg, Marek Inseneria 2015 / lk. 4

Ehitusmeistrid heitlevad olevikuga, kuid vaatavad tulevikku

Alver, Anne-Mari Eesti Ekspress 2023 / Lk. 16

Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat

Jarne, Aivar Pealinn 2023 / Lk. 11 https://www.ester.ee/record=b1287116*est Ehitusprofessorid: Praeguse tempoga muudame oma hooneid energiatõhusaks sada aastat

Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks

Kurnitski, Jarek; Loka, Priidu postimees.ee 2024 [Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks](#)

Ekspert: Linnad loovad suurema osa tarkusest [Võrguväljaanne]

Alt, Silver pealinn.ee 2021 ["Ekspert: Linnad loovad suurema osa tarkusest"](#)

Electric lighting predictions in the energy calculation methods

De Luca, Francesco; Simson, Raimo; Voll, Hendrik; Kurnitski, Jarek Improving energy efficiency in commercial buildings and

Elementrenoveerimine kui paneelelamu rätsepaülikond = Элементная реновация как костюм для панельного дома
Trell, Kristel Elamu 2020 / lk. 11-14, 33-35 : fot https://www.ester.ee/record=b1072137*est

Elo Kiivet : Uus kultuurikeskus sai hoo sisse

Kiivet, Elo Tartu Postimees 2022 / Lk. 2 [Elo Kiivet : Uus kultuurikeskus sai hoo sisse](#)

EMS esimehe Peep Pillaku kõne Tallinna Tehnikaülikoolis Muinsuskaitsekuu 2015 avamisel

Pillak, Peep Aastaraamat 2015 / Eesti Kodu-uurimise Selts, Eesti Muinsuskaitse Selts, Eesti Genealoogia Selts 2016 / lk. 67-68 : fot

Energiaefektiivne õhupuhasti hoiab toa sooja ja õhu kvaliteetse

Preis, Sergei Mente et Manu 2021 / lk. 47 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

Energiainformaatika: energia ja infotehnoloogia ühinemine

Petlenkov, Eduard; Belikov, Juri Elektriala 2023 / lk. 12-13 : ill., portr https://www.ester.ee/record=b1240496*est

Energiaklassiga petta saanud majaostjat aitab vaid kohus [Võrguväljaanne]

Lees, Merike postimees.ee 2022 [Energiaklassiga petta saanud majaostjat aitab vaid kohus](#)

Energiaseminar: Tallinnas ootab soojapidavamaks muutmist 5000 maja

Pealinn 2023 / Lk. 9 https://www.ester.ee/record=b1287116*est

Energia säästvatest liginullenergiamajadest tulevikus pääsu pole. Ehitamine läheb kallimaks.

Rand, Jana Maaleht 2018 / lk. 2-3

Energiaühenduse ehitus Eestis : laokil sektori korrastamine

Zirnask, Mart Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2014 / lk. 29-31

Energiaühendus eramu 2013 : [ka TTÜ Ehitiste projekteerimise instituudi professorite Jarek Kurnitski ja Targo Kalamehe kommentaaridega]

Kurnitski, Jarek; Kalamees, Targo Meie Kodu 2013 / lk. 33-41 : fot

Energiaühendused majad : intervjuu insener Teet Targaga

Tark, Teet; Komissarov, Kalle Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2008 / 2, lk. 22-24

Energiaühendus - paradigma muutus ehituses

Kurnitski, Jarek Horisont 2019 / lk. 20-26 : fot http://www.ester.ee/record=b1072243*est

Energiaühendus ja puitmajad

Kurnitski, Jarek Eesti Puitmajaleht 2014 / lk. 4

Energiaühendus ja ülekuumenemine : [magistritöö põhjal]

Olesk, Timo EhitusEST 2016 / lk. 50-51 : ill https://artiklid.elnet.ee/record=b2763928*est

Energiaühendus on tõsine probleem : [küsimustele vastab Teet-Andrus Kõiv]

Kello, Karl; Kõiv, Teet-Andrus Õpetajate Leht 2010 / 26. veebr., lk. 8 : fot

Energiaühenduse hindamise ja energiasalvestite arvutuse meetodika linna elektertranspordile

Hõimoja, Hardi 2009 https://www.ester.ee/record=b2559283*est

Energiaühenduse tippspetsialistid jagavad Tallinnas kogemusi : [19.-20. mail toimuvast konverentsist]

Voll, Hendrik Ehitaja 2011 / 4, lk. 24

Energy analysis in ice hockey arenas and analytical formula for the temperature profile in the ice pad with transient boundary conditions

Ferrantelli, Andrea; Viljanen, Klaus; Kurnitski, Jarek Advances in building energy research 2021 / p. 499-522 : ill

<https://doi.org/10.1080/17512549.2019.1615549> [Journal metrics at Scopus](#) [Article at Scopus](#)

Energy and daylighting performance design of skylights and clerestories in a large hall retail building

De Luca, Francesco; Simson, Raimo; Kurnitski, Jarek CLIMA 2016 - proceedings of the 12th REHVA World Congress. Vol. 2

2016 / [10] p. : ill http://vbn.aau.dk/files/233715392/paper_655.pdf

Energy and technical building systems - scientific and technological advances

Energy demand for the heating and cooling of residential houses in Finland in a changing climate

Jylhä, Kirsti; Jokisalo, Juha; **Kalamees, Targo** Energy and buildings 2015 / p. 104-116 : ill
<http://dx.doi.org/10.1016/j.enbuild.2015.04.001>

Energy efficiency and indoor climate of apartment and educational buildings in Estonia

Kõiv, Teet-Andrus; Maivel, Mikk; Mikola, Alo; Kuusk, Kalle Recent Researches in Energy, Environment, Devices, Systems, Communications and Computers : International Conference on Energy, Environment, Devices, Systems, Communications, Computers (EEDSCC'11) : Venice, Italy, March 8-10, 2011 2011 / p. 191-196 : ill

Energy efficiency and indoor climate of apartment buildings in Estonia

Kõiv, Teet-Andrus; Mikola, Alo; Kuusk, Kalle International journal of energy science 2012 / p. 94-99 : ill

Energy efficiency and latency optimization for IoT URLLC and mMTC use cases

Elgarhy, Osama Mohamed Mostafa; Reggiani, Luca; **Alam, Muhammad Mahtab**; Zoha, Ahmed; Ahmad, Rizwan; **Kuusik, Alar** IEEE Access / p. 23132-23148 <https://doi.org/10.1109/ACCESS.2024.3364349>

Energy efficiency aspects in wood production value chain

Juurma, Märt; Põlder, Ahti 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 183-186 : ill

Energy efficiency evaluation method for mobile robot platform design = Liikuva robotplatvormi energia efektiivsuse hindamise meetod

Väljaots, Eero 2017 <https://digi.lib.ttu.ee/i/?7414>

Energy efficiency for bisection based power allocation with proportional fairness in relay-assisted LTE-A downlink system [Online resource]

Hassan, Hammad; Ahmed, Ifran; **Alam, Muhammad Mahtab** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill
<https://doi.org/10.1109/BEC.2018.8600970>

Energy efficiency in residential buildings : the comparison between degree day calculation and simulations

Kõiv, Teet-Andrus; Voll, Hendrik; Hani, Allan 2nd International Scientific Conference : Energy and Climate Change : 8-9 October 2009, Athens, Greece 2009 / p. 73

Energy efficiency measures : in different climates and in architectural competitions

Mustakallio, Panu; **Kurnitski, Jarek** Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 79-102 : ill

Energy efficiency monitoring system for technology mapping driven by FoF concept

Sarkans, Martinš; Pikner, Heiko; **Sell, Raivo; Sonk, Kaimo** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 187-192 : ill

Energy efficiency profiles for unmanned ground vehicles

Väljaots, Eero; Sell, Raivo Proceedings of the Estonian Academy of Sciences 2019 / p. 55-65 : ill
<https://doi.org/10.3176/proc.2019.1.04> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-55-65.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy efficient daylight assessment - the influence of facade design

Voll, Hendrik; Kõiv, Teet-Andrus Selected topics on energy and development-environment-biomedicine 2009 : proceedings of the 3rd International Conference on Energy and Development-Environment-Biomedicine (EDEB 09) 2009 / p. 47-52

Energy efficient historic stone houses - a case study highlighting possibilities and risks

Eriksson, P.; **Arumägi, Endrik**; Donarelli, A.; Stahl, F.; Broström, Tor Proceedings of SB13 Munich : Implementing Sustainability - Barriers and Chances : book of full papers 2013 / p. 99-106

Energy efficient trajectory planning of industrial robots

Auväär, Aivar; Lehtla, Tõnu 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 89-92

Energy performance and indoor climate analysis in buildings

2019 <https://www.mdpi.com/books/pdfview/book/1828> <https://doi.org/10.3390/books978-3-03921-380-1>

Energy performance certificate classes rating methods tested with data : how does the application of minimum energy performance standards to worst-performing buildings affect renovation rates, costs, emissions, energy consumption?

Ferrantelli, Andrea; Kurnitski, Jarek Energies 2022 / art. 7552 <https://doi.org/10.3390/en15207552> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

Energy performance of ETICS integrated with a flexible photovoltaic panel

Heim, Dariusz; Wieprzowicz, Anna; Knera, Dominika; **Ilomets, Simo; Kalamees, Targo**; Spitalsky, Zdeno Building simulation conference proceedings 2022 / p. 64-71 <https://doi.org/10.26868/25222708.2021.30194>

Energy performance of radiators with parallel and serial connected panels

Maivel, Mikk; Konzelmann, Martin; **Kurnitski, Jarek** Energy and buildings 2015 / p. 745-753 : ill

Energy performance of renovation alternatives of traditional rural houses in Estonia

Alev, Üllar; Arumägi, Endrik; Kalamees, Targo 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 / [9] p. : ill

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

Energy saving potential with smart thermostats in low-energy homes in cold climate

Kull, Tuule Mall; Penu, Karl-Rihard; Thalfeldt, Martin; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 09009, 7 p. : ill <https://doi.org/10.1051/e3sconf/202017209009> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy security assessment of emerging economies under global and local challenges

Sotnyk, Iryna; Kurbatova, Tetiana; Kubatko, Oleksandr; Prokopenko, Olha; **Prause, Gunnar Klaus**; Kovalenko, Yevhen; Trypolska, Galyna; Pysmenna, Uliana Energies 2021 / art. 5860, 20 p. : ill <https://doi.org/10.3390/en14185860>

Energy use and indoor climate of conservation heating, dehumidification and adaptive ventilation for the climate control of a mediaeval church in a cold climate

Napp, Margus; Kalamees, Targo Energy and buildings 2015 / p. 61-71 : ill <http://dx.doi.org/10.1016/j.enbuild.2015.08.013>

Energy-efficient distributed leader selection algorithm for energy-constrained wireless sensor networks

Ulp, Sander; Le Moullec, Yannick; Alam, Muhammad Mahtab IEEE Access 2019 / p. 4410-4421 : ill <https://doi.org/10.1109/ACCESS.2018.2888551> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy-efficient predictive control of centrifugal multi-pump stations

Vodovozov, Valery; Lehtla, Tõnu; Bakman, Ilja; Raud, Zoja; Gevorkov, Levon PQ2016 : the 10th International Conference 2016 Electric Power Quality and Supply Reliability Conference (PQ) : August 29-31, 2016, Tallinn, Estonia : proceedings 2016 / p. 233-238 : ill <https://doi.org/10.1109/PQ.2016.7724119>

Eramajade omanikud vajavad renoveerimistoetuste asemel hoopis seda

postimees.ee 2023 [Eramajade omanikud vajavad renoveerimistoetuste asemel hoopis seda](#)

Erinevate elualade eksperdid arutlevad energiatõhususe üle [Võrguväljaanne]

postimees.ee 2022 [Erinevate elualade eksperdid arutlevad energiatõhususe üle](#)

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](#)

Estonia : [the More-Connect approach]

Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 50-55 : ill [Guide into renovation...](#)

Estonian researchers build a platform to make perfect indoor air conditions

estonianworld.com 2023 [Estonian researchers build a platform to make perfect indoor air conditions](#)

Euroopa surub peale liginullenergiamaju : [TTÜ katsemajast]

Mets, Mari Äripäev 2014 / lk. 16-17

Europarlamenti ettepanek tekitab Eestis renoveerimispaanika

Gnadenteich, Uwe Postimees 2023 / lk. 6 <https://dea.digar.ee/article/postimees/2023/03/23/3.9>

European roadmap for the En-ActivETICS advancement and potential of the PV/PCM unventilated wall system application

Heim, Dariusz; **Talvik, Martin**; Wieprzkowicz, Anna; **Ilomets, Simo**; Knera, Dominika; **Kalamees, Targo**; Czarny, Dariusz Energy and buildings 2023 / art. 113207 <https://doi.org/10.1016/j.enbuild.2023.113207>

Evaluating the energy readiness of national building stocks through benchmarking

Ferrantelli, Andrea; **Belikov, Juri**; **Petlenkov, Eduard**; **Thalfeldt, Martin**; **Kurnitski, Jarek** IEEE Access 2022 / p. 45430-45443 : ill <https://doi.org/10.1109/ACCESS.2022.3170716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation and comparison of various calculation zone analysis for dynamic simulation software's

Voll, Hendrik; **Seinre, Erkki** International Journal of Mathematics and Computers in Simulation 2011 / p. 190-197 : ill

Evaluation of dynamic simulation software's to meet the minimum requirements of energy efficiency in Estonia

Voll, Hendrik; **Seinre, Erkki**; **Tark, Teet** Application of Mathematics and Computer Engineering : American Conference on Applied Mathematics (AMERICAN-MATH '11) : 5th WSEAS International Conference on Computer Engineering and Application (CEA'11), Puerto Morelos, Mexico, January 29-31, 2011 2011 / p. 129-134 : ill https://www.academia.edu/79515755/Evaluation_of_dynamic_simulation_softwares_to_meet_the_minimum_requirements_of_energy_efficiency_in_Estonia

Evaluation of low- and high-voltage GaN transistors in soft-switching DC-DC converter

Blinov, Andrei; **Kosenko, Roman**; **Chub, Andrii** 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 544-547 : ill <https://doi.org/10.1109/UKRCON.2017.8100299>

Evaluation of renovation strategies : cost-optimal, CO₂e optimal, or total energy optimal

Kertsmit, Kadri-Ann; **Kuusk, Kalle**; **Lylykangas, Kimmo Sakari**; **Kalamees, Targo** Energy and buildings 2023 / art. 112995 <https://doi.org/10.1016/j.enbuild.2023.112995>

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](#)

An existing best practice of nearly Zero Energy Hotel

Buso, Tiziana; Corngnati, Stefano Paolo; **Kurnitski, Jarek** The REHVA European HVAC journal 2014 / p. 61-65 : ill

Experimental determination of radiator, underfloor and air heating emission losses due to stratification and operative temperature variations

Maivel, Mikk; **Ferrantelli, Andrea**; **Kurnitski, Jarek** Energy and buildings 2018 / p. 220-228 : ill <https://doi.org/10.1016/j.enbuild.2018.01.061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental validation of simulation and measurement-based overheating assessment approaches for residential buildings

Simson, Raimo; **Kurnitski, Jarek**; **Kuusk, Kalle** Architectural science review 2017 / p. 192-204 : ill <https://doi.org/10.1080/00038628.2017.1300130>

External shading control principles for low energy office buildings

Thalfeldt, Martin; **Kurnitski, Jarek** NSB 2014 : 10th Nordic Symposium on Building Physics, 15-19 June 2014, Lund, Sweden : full papers 2014 / p. 806-813 : ill

External shading optimal control macros for 1- and 2-piece automated blinds in European climates

Thalfeldt, Martin; **Kurnitski, Jarek** Building simulation 2015 / p. 13-25 : ill

Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings

Pikas, Ergo; **Thalfeldt, Martin**; **Kurnitski, Jarek**; **Liias, Roode** Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 83-90 : ill

Extra cost analyses of two apartment buildings for achieving nearly zero and low energy buildings

Pikas, Ergo; **Thalfeldt, Martin**; **Kurnitski, Jarek**; **Liias, Roode** Energy 2015 / p. 623-633 : ill

Factors affecting the deep renovation of a single-family building – a case study

Bergmann, Triinu; **Ruus, Aime**; **Kalbe, Kristo**; **Kiviste, Mihkel**; **Tintera, Jiri** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05004, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605004> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Faktat pöytään energiatehokkuuskeskustelussa [Electronic resource]

Kurnitski, Jarek Rakennuslehti 2015 / [1] p <http://www.rakennuslehti.fi/blogit/faktat-poytaan-energiatehokkuuskeskustelussa/>

Feasibility study of Si and SiC MOSFETs in high-gain DC/DC converter for renewable energy applications

Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri; Rang, Toomas Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013 2013 / p. 5975-5978 : ill

Fenestration design for low and nearly zero energy buildings in a cold climate

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik 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

Finnish energy renovation subsidies in multifamily apartment buildings : Lessons learnt and best practices

Hajian, Hatef; Pylsy, Petri; Simson, Raimo; Ahmed, Kaiser; Sankelo, Paula; Mikola, Alo; Kurnitski, Jarek Energy and buildings 2024 / art. 113986 <https://doi.org/10.1016/j.enbuild.2024.113986>

From misconceptions to energy saving concepts : case study in pumping engineering

Vodovozov, Valery 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. 44-50 : ill
http://www.ester.ee/record=b4650094*est

Fuel cell city buses : grey shadows of green energy

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l.
<https://doi.org/10.1109/BEC56180.2022.9935604>

A future nearly Zero Energy Hotel in Italy

Corino, Oriana; Buso, Tiziana; Kurnitski, Jarek The REHVA European HVAC journal 2015 / 28-32

Galerii. Innovatsioon ja jätkusuutlikkus. Tallinn jagab kliimakonverentsil oma kogemusi = Таллинн участвует в климатической конференции ООН

pealinn.ee 2023 [Galerii. Innovatsioon ja jätkusuutlikkus. Tallinn jagab kliimakonverentsil oma kogemusi Таллинн участвует в климатической конференции ООН](https://www.pealinn.ee/record=b4650094*est)

Geothermal heat pump plant performance in a nearly zero-energy building

Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Kesti, Jyrki; Mononen, Tarmo; Lautso, Petteri Energy procedia 2016 / p. 489-502 : ill <http://dx.doi.org/10.1016/j.egypro.2016.09.087>

G-GPU : a fully-automated generator of GPU-like ASIC accelerators

Perez, Tiago Diadami; Gonçalves, Marcio M.; Gobatto, Leonardo; Brandalero, Marcelo; Azambuja, Jose Rodrigo; Pagliarini, Samuel Nascimento 2022 Design, Automation & Test in Europe Conference & Exhibition (DATE) : 14-23 March 2022 : Antwerp, Belgium 2022 / p. 544 - 547 <https://doi.org/10.23919/DATE54114.2022.9774758>

A guide for renovation solution types of ventilation and building envelopes of typical post WWII apartment buildings

Kalamees, Targo; Thalfeldt, Martin; Zelenski, Maksim; Meos, Heiki; Laas, Margus; Kurnitski, Jarek; Kuusk, Kalle 14th International Conference on Indoor Air Quality and Climate (Indoor Air 2016) : Ghent, Belgium, 3-8 July 2016. Vol. 3 2016 / p. 1618-1625 : ill

Hea aeg olla energeetikas

Alver, Anne-Mari Maaleht 2023 https://www.ester.ee/record=b1072541*est

Heat recovery from exhaust air as a thermal storage energy source for geothermal energy piles

Fadejev, Jevgeni; Simson, Raimo; Kurnitski, Jarek; Kesti, Jyrki Energy procedia 2016 / p. 478-488 : ill
<http://dx.doi.org/10.1016/j.egypro.2016.09.179>

Heating energy-saving potentials in HVAC system of swimming halls : a review

Yuan, Xiaolei; Chen, Zhisen; Liang, Yumin; Pan, Yiqun; Jokisalo, Juha; Kosonen, Risto Building and environment 2021 / art. 108189, 18 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108189> [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

Heatsynci lahendus aitab spaadel energiat kokku hoida

Traks, Kristina Eesti Ekspress 2022 / Lk. 35 <https://dea.digar.ee/article/eestiekspress/2022/11/23/22.1>

Hendrik Voll: olen ammutanud kruusiga merest

Voll, Hendrik Teatmik 2011 : 20 aastat EKVÜ-d! / Eesti Kütte- ja Ventilatsiooniinseneride Ühendus 2011 / lk. 48-50 : portr

Historiallisten rakennusten ilmanpitävyys, ilmanvaihtuvuus ja energiatehokkuus

Eskola, Lari; Jokisalo, Juha; **Kalamees, Targo** Sisäilmastoseminaari 2014 2014 / s. 1-6 : kuv

Hoia raha kokku : kuidas kodus säästlikult energiat tarbida

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

Holistic approach to design healthy and resilient apartments

Sepulveda Luque, Abel; Smirnov, Roman; Donaire Galiano, María Dolores REHVA European HVAC Journal 2022 / p. 63-69

<https://www.rehva.eu/rehva-journal/chapter/holistic-approach-to-design-healthy-and-resilient-apartments>

Hoonete energiatõhustamine maksab 22 miljardit eurot

Strandberg, Marek; Pulk, Meinhard postimees.ee 2021 / Lk. 2 ["Hoonete energiatõhustamine maksab 22 miljardit eurot"](#)

<https://dea.digar.ee/article/postimees/2021/12/17/3.6>

Hoonete energiatõhusus : energianõuded valgustusele = Energy performance of buildings : energy requirements for lighting

2010 https://www.ester.ee/record=b2623156*est

Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 : Eesti standardi rahvuslik lisa = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6 : Estonian National Annex

2019 https://www.ester.ee/record=b5272875*est

Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6

2019 https://www.ester.ee/record=b5272879*est

Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 1, Sisekeskkonna lähteandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojuslikust keskkonnast, valgustusest ja akustikast. Moodul M1-6 = Energy performance of buildings : ventilation for buildings. Part 1, Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lightning and acoustics. Module M1-6

2019 https://www.ester.ee/record=b5272854*est

Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 3, Mitteeluhoonete ventilatsioon. Üldnõuded ventilatsiooni- ja ruumiõhu konditsioneerimise süsteemidele (Moodulid M5-1, M5-4) = Energy performance of buildings : ventilation for buildings. Part 3, For non-residential buildings. Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)

2017 http://www.ester.ee/record=b4740834*est

Hoonete energiatõhususe direktiiv jõustub peagi

Kurnitski, Jarek EhitusEST 2024 / lk. 18-19 : fot https://www.ester.ee/record=b4442657*est

Hoonete energiatõhususe direktiiv uueneb

Kurnitski, Jarek EhitusEST 2022 / lk. 14-15 : ill https://www.ester.ee/record=b4442657*est <https://ehitusest.ee/uudis/2022/02/01/hoonete-energiatohususe-direktiiv-uueneb/>

Hoonete energiatõhususe võimalustest ja väljakutsetest [Võrguväljaanne]

Kurnitski, Jarek Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 16 | [Hoonete energiatõhususe võimalustest ja väljakutsetest](#)
[Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiad paljudes valdkondades](#)

Hoonete energiatõhusust määrav digiaudit jõuab kinnisvaraomanikeni

postimees.ee 2024 [Hoonete energiatõhusust määrav digiaudit jõuab kinnisvaraomanikeni](#) Kuhu kulub hoones energia? Eesti teadlaste loodud lahendus teab täpselt

Hoonete kuluoptimaalsete energiatõhususe miinimumtasemetega analüüs [Võrguteavik]

Arumägi, Endrik; Simson, Raimo; Kuusk, Kalle; Kalamees, Targo; Kurnitski, Jarek 2017 https://www.ester.ee/record=b4762265*est

Hoonete rekonstrueerimise pikaajaline strateegia

2020 <https://www.mkm.ee/media/155/download>

Horizontal or vertical? Windows' layout selection for shading devices optimization

De Luca, Francesco; Voll, Hendrik; Thalfeldt, Martin Management of environmental quality : an international journal 2016 / p. 623-633 : ill <http://dx.doi.org/10.1108/MEQ-05-2015-0102>

Hourly test reference weather data in the changing climate of Finland for building energy simulations

Jylhä, Kirsti; Ruosteenoja, Kimmo; Kalamees, Targo Data in brief 2015 / p. 162-169 : ill <http://dx.doi.org/10.1016/j.dib.2015.04.026>

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](#)

Hygrothermal performance of prefabricated insulation elements for serial renovation of apartment buildings in a moderately continental German climate

Pihelo, Peep; Kalamees, Targo Journal of Physics: Conference Series 2023 / art. 012001 <https://doi.org/10.1088/1742-6596/2654/1/012001>

Hygrothermal performance of prefabricated timber frame insulation elements for deep energy renovation of apartment buildings = Puitkarkass-lisasoojustuselementide niiskustehniline toimivus suurpaneelalamute tervikrenoveerimisel

Pihelo, Peep 2020 <https://digikogu.taltech.ee/et/Item/d748fbdf-83e0-4377-a8d3-5e7e327e102e>

Impact of cable impedance on the harmonic emission of LED lamps

Iqbal, Muhammad Naveed; Kütt, Lauri; Asad, Bilal; Shabbir, Noman 2020 21st International Scientific Conference on Electric Power Engineering (EPE), October 19-21, 2020, Prague, Czech Republic 2020 / 5 p <https://doi.org/10.1109/EPE51172.2020.9269271>

Impact of LED thermal stability to household lighting harmonic load current modeling

Iqbal, Muhammad Naveed; Jarkovoi, Marek; Kütt, Lauri; Shabbir, Noman 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818226>

Impact of office tenants' electricity use on the cost-optimal solutions in a cold climate

Kuivjõgi, Helena; Laas, Liina; Ferrantelli, Andrea; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124605001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [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/ruect-2019-0001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of the COVID-19 pandemic on the energy use and performance in commercial buildings

Belikov, Juri; Köse, Ahmet; Petlenkov, Eduard; Tepļakov, Aleksei; Loo, Lauri 2022 45th International Conference on Telecommunications and Signal Processing, TSP 2022 2022 / p. 187-191 <https://doi.org/10.1109/TSP55681.2022.9851384>

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 <http://dx.doi.org/10.1016/j.egypro.2017.04.064>

Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues

Karpov, V.; Kabanen, Toivo Agronomy research 2018 / p. 1062-1068 : ill <https://doi.org/10.15159/AR.18.043> [Journal metrics at Scopus](#) [Article at Scopus](#)

Improving energy efficiency of biotechnical agricultural systems - scientific and organisational issues [Online resource]

Karpov, V.; Kabanen, Toivo 9th International Conference "Biosystems Engineering 2018": 9-11 May, 2018, Estonia, Tartu : book of abstracts 2018 / p. 139 http://bse.emu.ee/wp-content/uploads/2018/10/ABS_2018_Book_VV.pdf

Improving the indoor climate and energy saving in renovated apartment buildings in Estonia

Hamburg, Anti; Kalamees, Targo Cold Climate HVAC 2018 : Sustainable Buildings in Cold Climates : proceedings of the 9th Cold

Climate HVAC Conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 243-251 https://doi.org/10.1007/978-3-030-00662-4_21

Indoor climate and energy performance in typical concrete large-panel apartment buildings

Kõiv, Teet-Andrus; Kalamees, Targo Chemistry, emission control, radioactive pollution and indoor air quality 2011 / p. 597-618 : ill

Indoor climate and energy performance of traditional stone houses on Gotland, Sweden

Arumägi, Endrik; Kalamees, Targo; Broström, Tor NSB 2014 : 10th Nordic Symposium on Building Physics, 15-19 June 2014, Lund, Sweden : full papers 2014 / p. 616-623 : ill

Indoor climate of an unheated apartment and its impact on the heat consumption of adjacent apartments

Kõiv, Teet-Andrus; Hamburg, Anti; Thalfeldt, Martin; Fadejev, Jevgeni Latest Trends in Sustainable and Green Development : Proceeding of the 3rd International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars (USCUDAR '12) : Barcelona, Spain, October 17-19, 2012 2012 / p. 52-57 : ill

Industrial CHP excess heat efficient usage for cooling

Uuemaa, Priit; Vigants, Haralds; Blumberga, Dagnija; Drovтар, Imre Energetika 2014 / p. 136-148 : ill

Industrial CHP optimal management in the energy market under incomplete information

Uuemaa, Priit; Drovтар, Imre; Kilter, Jako 2014 IEEE Innovative Smart Grid Technologies Conference - Asia (ISGT ASIA) Conference : May 20-23, 2014, Berjaya Times Square Hotel, Kuala Lumpur 2014 / p. 383-387 : ill

Influence of moisture dry-out on hygrothermal performance of prefabricated modular renovation elements

Pihelo, Peep; Lelumees, Magnus; Kalamees, Targo Energy procedia 2016 / p. 745-755 : ill
<https://doi.org/10.1016/j.egypro.2016.09.137>

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>

Influence of window details on the energy performance of an nZEB

Kalbe, Kristo; Kalamees, Targo Journal of sustainable architecture and civil engineering 2019 / p. 61-70 : ill
<https://doi.org/10.5755/j01.sace.24.1.23234>

Integrated cost-optimal renovation of apartment buildings toward nearly zero-energy buildings = Korterelamute kuluoptimaalne tervikrenoveerimine liginullenergiahooneks

Kuusk, Kalle 2015 https://www.ester.ee/record=b4482703*est

Interview of REHVA Board members on nearly Zero Energy Buildings

Kurnitski, Jarek The REHVA European HVAC journal 2014 / p. 59

Introduction to building automation, controls and technical building management

Brook, Bonnie; Corgnati, Stefano Paolo; D'Oca, Simona; Kurnitski, Jarek 2017

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

Jahutus tundub lõunamaades oluline, aga miks vajab kaugjahutust Eesti? [Võrguväljaanne]

Lepiksaar, Kertu; Poom, Siim postimees.ee 2022 [Jahutus tundub lõunamaades oluline, aga miks vajab kaugjahutust Eesti?](https://doi.org/10.54337/ijsepm.7011)
<https://doi.org/10.54337/ijsepm.7011>

Jarek Kurnitski : ehitusala väsimatu uuendaja

Leet, Lauri Ehitaja 2015 / lk. 16-20 : fot https://artiklid.elnet.ee/record=b2727412*est

Jarek Kurnitski : liginullenergiahooned vajavad uut lähenemist, esitades suure väljakutse

Ots, Margot; Kamps, Mari Inseneeria 2016 / lk. [24]-25 : fot http://www.ester.ee/record=b2336521*est
https://artiklid.elnet.ee/record=b2806765*est

Jarek Kurnitski: missuguses korterelamus on kõige väiksemad kulud?

Kurnitski, Jarek Trialoog 2024 [Jarek Kurnitski: missuguses korterelamus on kõige väiksemad kulud?](https://www.ester.ee/record=b2336521*est)

Jarek Kurnitski: oleme arenenud meeletult kiiresti

Kurnitski, Jarek Teatmik 2011 : 20 aastat EKVÜ-d! / Eesti Kütte- ja Ventilatsiooniinseneride Ühendus 2011 / lk. 53-55 : portr

JRC review - evidence based recommendations for IEQ inclusion in EPBD

Kurnitski, Jarek The REHVA European HVAC journal 2017 / p. 51

http://www.rehva.eu/fileadmin/REHVA_Journal/REHVA_Journal_2017/RJ2/RJ1702_WEB.pdf

Jõutrafod : täiendavad Euroopa nõuded. Osa 1-1, Üldosa. Üldnõuded = Power transformers : additional European requirements. Part 1-1, Common part. General requirements

2022 https://www.ester.ee/record=b5506204*est

Jõutrafod [Võrguteavik] : täiendavad Euroopa nõuded. Osa 1-2, Energiatõhususe hindamine = Power transformers : additional European requirements. Part 1-2, Assessment of energy performance

2022 https://www.ester.ee/record=b5482820*est

Jõutrafod [Võrguteavik] : täiendavad Euroopa nõuded. Osa 2-1, Keskmised jõutrafod. Üldnõuded = Power transformers : additional European requirements. Part 2-1, Medium power transformer. General requirements

2022 https://www.ester.ee/record=b5485454*est

Jõutrafod [Võrguteavik] : täiendavad Euroopa nõuded. Osa 3-1, Suured jõutrafod. Üldnõuded = Power transformers : additional European requirements. Part 3-1, Large power transformer. General requirements

2022 https://www.ester.ee/record=b5487548*est

Kaalumisel on hoonete energiatõhususe miinimumnõuete kehtestamine [Võrguväljaanne]

Rajamäe, Sander arileht.delfi.ee 2021 ["Kaalumisel on hoonete energiatõhususe miinimumnõuete kehtestamine"](#)

Karlova päevinäinud kortermaja katsetab rekordtempos renoveerimist

Uudelt, Liina Tartu Postimees 2023 / Lk. 7 <https://dea.digar.ee/article/tartupostimees/2023/01/19/6.1>

Kas liginullenergiahoone vajab suuremat investeringut?

Pikas, Ergo; Thalfeldt, Martin Ehitaja 2015 / lk. 26-33 : ill https://artiklid.elnet.ee/record=b2740494*est

Kas renoveerimine tasub vaeva? „Alati on ikka kõik loomulikult kallis, raha on alati vähe.“

Pinn, Mariliis ohtuleht.ee 2023 [Kas renoveerimine tasub vaeva? „Alati on ikka kõik loomulikult kallis, raha on alati vähe.“](#)

Kas suurhooneid saab muuta 80% energiasäästlikumaks? TTÜ katsetab!

Varrak, Tea Inseneeria 2012 / lk. 16-17 : fot https://artiklid.elnet.ee/record=b2490412*est

Katsemaja toel tõhusama ehitamise poole : [kommenteerib TTÜ liginullenergiahoonete uurimisgrupi juht ning ehitiste projekteerimise instituudi direktor Jarek Kurnitski]

Leet, Lauri Ehitaja 2014 / lk. 38-42 : fot

Kaugjahutus tundub lõunamaades oluline, aga miks vajab seda Eesti? [Võrguväljaanne]

digi.geenius.ee 2022 [Kaugjahutus tundub lõunamaades oluline, aga miks vajab seda Eesti? Kaugjahutus tundub lõunamaades oluline, aga miks vajab seda Eesti?](#)

Kaugjahutuse keskkonnasäästlik revolutsioon

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

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

Kehva energiaklassiga kinnisvara omanike tulevik läheb lihtsamaks

Raig, Tanel Eesti Päevaleht 2024 / Lk. 22-23 [Kehva energiaklassiga kinnisvara omanike tulevik läheb lihtsamaks Kehva energiaklassiga kinnisvara omanike tulevik läheb lihtsamaks, sest nad peavad vähem investeerima](#)

Kerrostalokannan energiatehokkuus

Kurnitski, Jarek Puun võimalusi lähikäikude parandamiseks 2011 / s. 18-23 : ill

Kinnisvaraomanikud kalli renoveerimiskohustuse ootel. Nelja aasta jooksul on tööde maksumus suurenenud 50%

Raig, Tanel arileht.delfi.ee 2024 [Kinnisvaraomanikud kalli renoveerimiskohustuse ootel. Nelja aasta jooksul on tööde maksumus suurenenud 50%](#)

Kliima, teadlaste ja ettevõtjate koostöö : TTÜ pereühiselamust saab moodne liginullenergiahoone

Kalamees, Targo Mente et Manu 2017 / lk. 22-25 : ill https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1

Kliimakokkuleppe täitmiseks tuleb renoveerida 146 miljonit hoonet [Võrguväljaanne]

keskkonnatehnika.ee 2021 ["Kliimakokkuleppe täitmiseks tuleb renoveerida 146 miljonit hoonet"](#)

Kliimaministeerium uuendab hoonete energiatõhususe nõudeid

Devaney, Kärt Virumaa Teataja 2023 <https://dea.digar.ee/article/virumaateataja/2023/09/28/16.2>

Klistiir, hiniin ja märjad linad

Strandberg, Marek Eesti Päevaleht 2007 / 13. juuni, lk. 3 <https://epl.delfi.ee/artikkel/51090597/marek-strandberg-klistiir-hiniin-ja-marjad-linad>

Kolm doktoritööd hoonete energiatõhususest

Aru, Erik Mente et Manu 2015 / lk. 16-17 : fot https://artiklid.elnet.ee/record=b2738544*est

Kontroll karmistub: vale energiamärgise kinnitanud spetsialist võetakse pihtide vahele

Remmelt, Teeli ehitusuudised.ee 2023 <https://www.ehitusuudised.ee/uudised/2023/04/04/kontroll-karmistub-vale-energiamärgise-kinnitanud-spetsialist-voetakse-pihtide-vahele>

Konverents Säästlik Hoone toimub veebis [Võrguväljaanne]

kinnisvarauudised.ee 2021 ["Konverents Säästlik Hoone toimub veebis"](https://kinnisvarauudised.ee/2021/04/28/konverents-saastlik-hoone-toimub-veebis)

Korterelamu renoveerimine: parem üks kord ja korralikult. Millised remonttööd on vajalikud?

Kurnitski, Jarek maaleht.ee 2023 [Korterelamu renoveerimine: parem üks kord ja korralikult. Millised remonttööd on vajalikud?](https://maaleht.ee/2023/04/28/korterelamu-renoveerimine-parem-üks-kord-ja-korralikult-millised-remonttööd-on-vajalikud/)

Korteriühistud kogunevad reedel Tallinnasse suurfoorumile [Võrguväljaanne]

Liiviste, Priit pealinn.ee 2021 ["Korteriühistud kogunevad reedel Tallinnasse suurfoorumile"](https://pealinn.ee/2021/04/28/korteriühistud-kogunevad-reedel-tallinnasse-suurfoorumile/)

Korteriühistud saavad Euroopast 300-miljonilise abikäe

Puhm, Carl-Robert postimees.ee 2023 [Korteriühistud saavad Euroopast 300-miljonilise abikäe](https://postimees.ee/2023/04/28/korteriühistud-saavad-euroopast-300-miljonilise-abikae/)

Kouvola Housing fair NZEB houses energy, cost and carbon analyses

Ahmed, Kaiser; Hajian, Hatef; Hasu, Tero; Kurnitski, Jarek E3S Web of Conferences : 12th Nordic Symposium on Building Physics (NSB 2020) : Tallinn, Estonia, September 6-9, 2020 2020 / art. 13001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202017213001>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Kuidas arendada targemat ja rohelisemat linnaruumi?

digi.geenius.ee 2023 [Kuidas arendada targemat ja rohelisemat linnaruumi?](https://digi.geenius.ee/2023/04/28/kuidas-arendada-targemat-ja-rohelisemat-linnaruumi/)

Kuidas jõuda riigi nõutavasse energiaklassi? Eramajade jaoks on üks kiire nipp

Laks, Liina postimees.ee 2023 [Kuidas jõuda riigi nõutavasse energiaklassi? Eramajade jaoks on üks kiire nipp](https://postimees.ee/2023/04/28/kuidas-jouda-riigi-noutavasse-energiaklassi-eramajade-jaoks-on-üks-kiire-nipp/)

Kuidas kavandada ja projekteerida madal- või liginullenergiahoonet? : [juhendmaterjali töögrupi juht Jarek Kurnitski TTÜst]

Kurnitski, Jarek Ehitaja 2013 / lk. 27-29

Kuidas korraldada hoonete renoveerimist?

Volkova, Anna; Umbleja, Siim Eesti Päevaleht 2023 / lk. 4 <https://dea.digar.ee/article/eestipaevaleht/2023/03/21/5.3>

Kuidas saavad ülikoolid reageerida energiakriisile ja rohepöörde ühiskondlikele probleemidele?

Kurnitski, Jarek Mente et Manu 2022 / lk. 4-5 : portr https://www.ester.ee/record=b1242496*est

Kuidas tervikrenoveerimisega korterelamu energiatõhusust suurendada? [Võrguväljaanne]

pealinn.ee 2022 [Kuidas tervikrenoveerimisega korterelamu energiatõhusust suurendada?](https://pealinn.ee/2022/04/28/kuidas-tervikrenoveerimisega-korterelamu-energiatõhusust-suurendada/)

Kuidas viia Eestis sujuvalt läbi renoveerimislaine? RESTO tuleb appi!

digi.geenius.ee 2023 [Kuidas viia Eestis sujuvalt läbi renoveerimislaine? RESTO tuleb appi!](https://digi.geenius.ee/2023/04/28/kuidas-via-eestis-sujuvalt-läbi-renoveerimislaine-resto-tuleb-appi/)

Kuidas vältida õhulekkeid tehasemajades?

Kalbe, Kristo Oma Maja : Äripäeva Kuukiri 2021 / Lk. 40, 42 : ill <https://dea.digar.ee/article/apomamaja/2021/04/29/24.3>

Kurnitski : hoonete energiatõhusus takerdub inseneride haridusse

Kurnitski, Jarek ehitusuudised.ee 2022 [Kurnitski: hoonete energiatõhusus takerdub inseneride haridusse](https://ehitusuudised.ee/2022/04/28/kurnitski-hoonete-energiatõhusus-takerdub-inseneride-haridusse/)

Kurnitski: Eestis on renoveerimist vajavate majade hulk erakordselt suur

Kurnitski, Jarek ehitusuudised.ee 2023 [Kurnitski: Eestis on renoveerimist vajavate majade hulk erakordselt suur](https://ehitusuudised.ee/2023/04/28/kurnitski-eestis-on-renoveerimist-vajavate-majade-hulk-erakordselt-suur/)

Kurnitski: hoonete energiatõhusus takerdub inseneride haridusse

Kurnitski, Jarek Ehitaja 2023 / lk. 36-37 : ill https://www.ester.ee/record=b1072123*est

Kurnitski: rohepööre seab ehituses uusi suuri väljakutseid: millist eriala oleks kaval õppida

Kurnitski, Jarek postimees.ee 2023 [Kurnitski: rohepööre seab ehituses uusi suuri väljakutseid: millist eriala oleks kaval õppida](#)

Kuus saart asutavad Saarte Energiaagentuuri

Kalmus, Kertu saartehaal.postimees.ee 2023 [Kuus saart asutavad Saarte Energiaagentuuri](#)

Küttearveid aitab kontrolli all hoida korralikult ehitatud maja

Üprus, Teele Maa Elu 2022 / Lk. 2-3 https://www.ester.ee/record=b4427409*est

Learning based personalized energy management systems for residential buildings

Soudari, Mallikarjun; Srinivasan, Seshadhri; Balasubramanian, Subathra; Vain, Jüri; Kotta, Ülle Energy and buildings 2016 / p. 953-968 : ill <http://dx.doi.org/10.1016/j.enbuild.2016.05.059>

Lessons learnt from the first public buildings in Estonia intended to be passive houses

Raide, Indrek; Kalamees, Targo; Muring, Tõnu Proceedings of the Estonian Academy of Sciences 2015 / p. 157-167 : ill https://artiklid.elnet.ee/record=b2727449*est

Light-load efficiency improvement of galvanically isolated quasi-Z-source DC-DC converter for photovoltaic applications

Mashinchi Maheri, Hamed; Chub, Andrii; Vinnikov, Dmitri 2020 IEEE 21st Workshop on Control and Modeling for Power Electronics (COMPEL), Aalborg, Denmark, November 9-12, 2020 2020 / 6 p <https://doi.org/10.1109/COMPEL49091.2020.9265800>

Ligi 30 miljonit eurot ootab. Kliimaministeerium lubab väikeelamu rekonstrueerimistoetust lihtsustada

Kivi, Eva-Lotta maaleht.ee 2023 [Ligi 30 miljonit eurot ootab. Kliimaministeerium lubab väikeelamu rekonstrueerimistoetust lihtsustada](#)

Liginullenergia väljakutse on inimesed

Kurnitski, Jarek Äripäev 2018 / lk. 12 [Liginullenergia väljakutse on inimesed](#)

Liginullenergia. Soojustehnilised arvutused peavad olema õiged

Laur, Toomas Ehitaja 2018 / lk. 38-39 http://www.ester.ee/record=b1072123*est

Liginullenergiahoone - meie majaehituse lähitulevik : [TTÜ testhoonest]

Inseneeria 2013 / lk. 14 : ill

Liginullenergiahooned tõmbasid ehitusteadused tippkeskusesse

Kurnitski, Jarek 100 aastat TTÜ ehitusinsenere 2018 / lk. 296-303 : ill

Liginullenergiahooned täna ja homme : artiklite kogumik

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

Liginullenergiahoonete ehitamine läheneb kiirelt

Kurnitski, Jarek Ehitaja 2015 / lk. 14-18 : ill https://artiklid.elnet.ee/record=b2767562*est

Liginullenergiahoonete ehitamine läheneb suure kiirusega

Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 9-14 : ill

Liginullenergiahoonete nõuded Euroopas

Kurnitski, Jarek Ehitaja 2015 / lk. 16-19 : ill https://artiklid.elnet.ee/record=b2713286*est

Liginullenergiahoonete näiteid meilt ja mujalt

EhitusEST 2015 / lk. 42 : ill https://artiklid.elnet.ee/record=b2767563*est

Liginullenergiahoonete näiteid meilt ja mujalt

Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 15-19 : ill

Liginullenergiamaja kõige olulisem komponent on teadlik elanik

delfi.ee 2022 [Liginullenergiamaja kõige olulisem komponent on teadlik elanik](#)

Liginullenergiamaja kõige olulisem komponent on teadlik elanik [Võrguväljaanne]

delfi.ee 2022 [Liginullenergiamaja kõige olulisem komponent on teadlik elanik](#)

Liginullenergiamajad - Euroopa ehituse tulevik

Kurnitski, Jarek Inseneeria 2013 / lk. 32-33 : ill https://artiklid.elnet.ee/record=b2619452*est

Liginullenergiamajad : Soome võitleb hoonete hallitusega, Eestit päästab oskuslik projekteerimine

Soopan, Ivar; **Kurnitski, Jarek; Kalamees, Targo** Maaleht 2018 / lk. 2-3

Liginullenergiamajad peavad muutuma majanduslikult tasuvaks

Aru, Erik Ärioleht 2013 / Ehitus ja Kinnisvara, lk. 5

Liginullenergiamajade kompetentsikeskust hakkab juhtima Jarek Kurnitski [TTÜs]

Ehitaja 2012 / lk. 22 : fot https://artiklid.elnet.ee/record=b2484759*est

Lihtsad sammud elektri säästmiseks

Kodu & Ehitus : TM 2023 / lk. 40-42 : fot https://www.ester.ee/record=b1740684*est

Linn ja energeetika

Hamburg, Arvi; Terk, Erik Hea linn : Tallinna visioonikonverentsid 2013 / lk. 81-91

Linnavolikogu kinnitas Tallinna osalemise kolmes Taltech'i targa linna projektis [Võrguväljaanne]

goodnews.ee 2021 "[Linnavolikogu kinnitas Tallinna osalemise kolmes Taltech'i targa linna projektis](https://www.goodnews.ee/record=b2484759*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 carbon emission renovation of historic residential buildings

Kertsmik, Kadri-Ann; Arumägi, Endrik; Hallik, Jaanus; Kalamees, Targo 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 206-207 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>

Low temperature radiator heating distribution and emission efficiency in residential buildings

Maivel, Mikk; Kurnitski, Jarek Energy and buildings 2013 / p. 224-236 : ill

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

Low-energy chirps for bioimpedance measurement

Paavle, Toivo; Min, Mart; Trebbels, Dennis 34th International Conference on Telecommunications and Signal Processing (TSP) : Budapest, Hungary, August 18-20, 2011 : [proceedings] 2011 / p. 398-402 : ill

Maaelamute kohandamine mugavaks ja säästlikuks

Alev, Üllar Muinsuskaitse aastaraamat 2017 2018 / lk. 91-93 : ill

A machine learning approach to achieving energy efficiency in relay-assisted LTE-a downlink system

Hassan, Hammad; Ahmed, Irfan; Ahmad, Rizwan; Khammari, Hedi; Bhatti, Ghulam; Ahmed, Waqas; **Alam, Muhammad Mahtab** Sensors 2019 / art. 3461, 25 p. : ill <https://doi.org/10.3390/s19163461> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Madal- ja liginullenergiahoonete piirdetarindite niiskusturvalisuse tagamine

Pihelo, Peep Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 59-62 : ill

Madalenergia büroohoone fassaadi majandusanalüüs

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / lk. 52-58 : ill

Madalenergia büroohoone fassaadi majandusanalüüs

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek Ehitaja 2015 / lk. 22-25 : ill https://artiklid.elnet.ee/record=b2720865*est

Madalpingelised elektripaigaldised. Osa 8-2, Tootevtarbijate madalpingelised elektripaigaldised [Võrguteavik] = Low-voltage electrical installations. Part 8-2, Prosumer's low-voltage electrical installations (IEC 60364-8-2:2019)

2019 https://www.ester.ee/record=b5261700*est

Madalpingelised elektripaigaldised. Osa 8-1, Energiatõhusus [Võrguteavik] = Low-voltage electrical installations. Part 8-1, Energy efficiency (IEC 60364-8-1:2014, modified)

2015 http://www.ester.ee/record=b4493970*est

Madalpingelised elektripaigaldised. Osa 8-1, Talitluslikud aspektid [Võrguteavik] : energiatõhusus = Low-voltage electrical installations. Part 8-1, Functional aspects : energy efficiency (IEC 60364-8-1:2019)

2019 https://www.ester.ee/record=b5248920*est

Madalpingelised elektripaigaldised. Osa 8-2, Tootevtarbijate madalpingelised elektripaigaldised [Võrguteavik] = Low-voltage electrical installations. Part 8-2, Prosumer's low-voltage electrical installations (IEC 60364-8-2:2019)

2021 https://www.ester.ee/record=b5464944*est

Managing energy efficiency and renewable energy in the residential sector : a bibliometric study

Sotnyk, Iryna; Kurbatova, Tetiana; Kubatko, Oleksandra; Prokopenko, Olha; **Järvis, Marina** Problems and perspectives in management 2023 / p. 511-527 [https://doi.org/10.21511/ppm.21\(3\).2023.41](https://doi.org/10.21511/ppm.21(3).2023.41)

Market based renovation solutions in non-residential buildings - Why commercial buildings are not renovated to NZEB

Kuivjõgi, Helena; Uutar, Aivar; Kuusk, Kalle; Thalfeldt, Martin; Kurnitski, Jarek Energy and buildings 2021 / art. 111169, 13 p. : ill <https://doi.org/10.1016/j.enbuild.2021.111169> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measured performance of exhaust air heat pumps in Finnish apartment buildings

Pylsy, Petri; **Kurnitski, Jarek** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 06001, 7 p <https://doi.org/10.1051/e3sconf/202124606001> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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 to divide heating energy in energy efficient building without direct measuring

Hamburg, Anti; Kalamees, Targo Energy procedia 2017 / p. 45-50 : ill <https://doi.org/10.1016/j.egypro.2017.09.629>

Methodological framework to assess the significance of External Thermal Insulation Composite System (ETICS) on-site activities

Sulakatko, Virgo; Lill, Irene; Witt, Emlyn David Qivitoq Energy procedia 2016 / p. 446-454 : ill <https://doi.org/10.1016/j.egypro.2016.09.176>

Methodology for determining fenestration ranges for daylight and energy efficiency in Estonia

De Luca, Francesco; Dogan, Timur; Kurnitski, Jarek 2018 Proceedings of the symposium on simulation for architecture and urban design 2018 / p. 63-70 : ill <http://www.simaud.org/proceedings/>

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](#)

Mida tuleb teha energiakriisist väljumiseks? [Võrguväljaanne]

Kurnitski, Jarek postimees.ee 2022 [Mida tuleb teha energiakriisist väljumiseks?](#)

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>

Mida tähendab energiatõhus ehitus?

Kõiv, Teet-Andrus Postimees 2011 / Korstnaleht, lk. 2

Miks kodus nii palav on?

Kivi, Krister Postimees 2023 / Lk. 10-11 [Miks kodus nii palav on?](#)

Milline on energiatõhus maja

Mustamäe 2020 / Lk. 4-5 : fot [Milline on energiatõhus maja](#) https://www.ester.ee/record=b1072635*est

Millises korterelamus on kõige väiksemad kulud? Tulemus on üllatuslik

Kröönström, Kristiina pealinn.ee 2024 [Millises korterelamus on kõige väiksemad kulud? Tulemus on üllatuslik](#)

Mis on tõhusam - renoveerida olemasolev ventilatsioon või paigaldada uus?

kinnisvarauudised.ee 2023 [Mis on tõhusam - renoveerida olemasolev ventilatsioon või paigaldada uus?](#)

Mis päästab loodust hoonete rajamisel – kinnisvaramaks, taaskasutus või päikesepaneel?

postimees.ee 2022 [Mis päästab loodust hoonete rajamisel – kinnisvaramaks, taaskasutus või päikesepaneel?](#)

Mission profile resolution impacts on the thermal stress and reliability of power devices in PV inverters

Sangwongwanich, Ariya; Zhou, D.; Liivik, Elizaveta; Blaabjerg, Frede Microelectronics reliability 2018 / p. 1003-1007

<https://doi.org/10.1016/j.microrel.2018.06.094>

Missuguses korterelamus on kõige väiksemad kulud?

Kurnitski, Jarek postimees.ee 2024 [Missuguses korterelamus on kõige väiksemad kulud?](#)

Monitoring of energy efficiency in industrial pneumatic machines

Parik, Ellen; Otto, Tauno Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium : Intelligent Manufacturing & Automation 2012 / p. 0985-0988 : ill [CD-ROM]

https://www.researchgate.net/publication/283474506_Monitoring_of_energy_efficiency_in_industrial_pneumatic_machines

Motion and energy efficiency parameters of the unmanned ground vehicle

Väljaots, Eero; Sell, Raivo; Kaeeli, Mati Mechatronics systems and materials VI 2015 / p. 934-939 : ill

<http://dx.doi.org/10.4028/www.scientific.net/SSP.220-221.934>

Motion and energy efficiency parameters of unmanned ground vehicle

Väljaots, Eero; Sell, Raivo; Kaeeli, Mati The 9th International Conference Mechatronics Systems and Materials : MSM-2013 : abstracts 2013 / p. 247-248 : ill

Multifunctional energy router for residential applications = Multifunktsionaalne energiaruuter eramutele

Najafzadeh, Mahdiyyeh 2022 <https://doi.org/10.23658/taltech.25/2022> <https://digikogu.taltech.ee/et/Item/6914b8ca-7ca5-49d1-868a-a6de9192f8b4> https://www.ester.ee/record=b5501867*est

Multi-nodal nano-actuator pacemaker for energy-efficient stimulation of cardiomyocytes

Lu, Pengfei; Veleetic, Mladen; Laasmaa, Martin; Vendelin, Marko Nano Communication Networks 2019 / art. 100270, 11 p. : ill

<https://doi.org/10.1016/j.nancom.2019.100270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multi-objective optimization for daylight retrofit

De Luca, Francesco; Wortmann, Thomas eCAADe 2020 : Anthropologic – Architecture and Fabrication in the cognitive age : Proceedings of the 38th eCAADe Conference : Education and research in Computer Aided Architectural Design in Europe, Berlin, Germany, 16-17 September 2020 2020 / p. 57-66 : ill http://ecaade.org/downloads/eCAADe2020_volume1-print.pdf

http://papers.cumincad.org/cgi-bin/works/paper/ecaade2020_272 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Multiphase quasi-z-source DC-DC converters for residential distributed generation systems

Chub, Andrii; Vinnikov, Dmitri; Liivik, Elizaveta; Jalakas, Tanel IEEE transactions on industrial electronics 2018 / p. 8361-8371 :

ill <https://doi.org/10.1109/TIE.2018.2801860> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multiphysic Analysis of High Power Microwave Filter Using High Performance Aluminium Alloy

Martin-Iglesias, P.; Laso, M.A.G.; Raadik, Taavi; Teberio, F.; Percas, J.M.; Martin-Iglesias, S.; Pambaguan, L.; Lopetegui, T. 2019 IEEE MTT-S International Microwave Workshop Series on Advanced Materials and Processes for RF and THz Applications, July 16-18, 2019 Bochum, Germany : proceedings 2019 / p 58-60 <https://doi.org/10.1109/IMWS-AMP.2019.8880080>

Multi-type dislocation substructure evolution in a high-strength and ductile duplex high-entropy nanocomposites

Mua, Yongkun; Liu, Le; Shia, Jinqiang; Sun, Tongtong; Hua, Kai; Jia, Yuefei; Song, Kaikai; Jia, Yandong; Wang, Qing; Wang, Gang Composites Part B : Engineering 2022 / art. 110322 <https://doi.org/10.1016/j.compositesb.2022.110322> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Märgisega vassija vastu saab kohtusse minna

Matsalu, Eliisa; Härma, Kristel Äripäev 2022 / Lk. 6 [Märgisega vassija vastu saab kohtusse minna](#)

Narrowband internet of things (NB-IoT) : from radio network coverage to device energy consumption modeling and energy-efficient application = Kitsaribaline asjade internet (NB-IoT) : raadiovõrgu katvusest seadme energiatarbe modelleerimise ja energiasäästliku rakenduseni

Khan, Sikandar Muhammad Zulqarnain 2022 https://www.ester.ee/record=b5491661*est <https://digikogu.taltech.ee/et/Item/8244be00-273d-4d45-a34a-27f0f4350d32>

An NB-IoT based edge-of-things framework for energy-efficient image transfer

Khan, Sikandar Muhammad Zulqarnain; Le Moullec, Yannick; Alam, Muhammad Mahtab Sensors 2021 / art. 5929, 21 p. : ill

<https://doi.org/10.3390/s21175929> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nearly Zero Energy hotels

Buso, Tiziana; Kurnitski, Jarek; Corgnati, Stefano Paolo; Litiu, Andrei; Derjanecz, Anita The REHVA European HVAC journal 2014 / p. 7-11 : ill

Nearly zero energy (nZEB) regulation progress in Europe

Kurnitski, Jarek Second International Conference on Energy and Indoor Environment for Hot Climates : Outdoor Cooling Technologies, Challenges, and Opportunities for the Hot Climates : February 26th - 27th, 2017, Doha, Qatar 2017 / p. 9

Nearly zero energy office building without conventional heating

Thalfeldt, Martin; Kurnitski, Jarek; Mikola, Alo Estonian journal of engineering 2013 / p. 309-328 : ill

Network coding and hierarchical modulation for energy efficient cooperative WBAN

Waheed, Maham; Talha, Sadaf; Ahmad, Rizwan; Kiani, Adnan Khalid; **Alam, Muhammad Mahtab**; Ahmed, Waqas International journal of distributed systems and technologies 2019 / p. 90-111 <https://doi.org/10.4018/IJDSST.2019070106> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New equation for optimal insulation dependency on the climate for office buildings

Ahmed, Kaiser; **Kurnitski, Jarek** Energies 2021 / art. 321 <https://doi.org/10.3390/en14020321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new method for contrasting energy performance and near-zero energy building requirements in different climates and countries

Kurnitski, Jarek Energies 2018 / art. 1334, 22 p. : ill <https://doi.org/10.3390/en11061334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New way to identify and assess voltage unbalance emission sources in three-phase three-wire electrical networks

Sayenko, Yuri; Kalyuzhnyi, Dmitry; **Bolgov, Viktor** Power quality in distribution networks with distributed generation : International Ukraine-Poland Seminar, Kiev, July 4-5, 2019 2019 / p. 65-72 : ill <https://doi.org/10.32073/iepl.2019.07>

Nordic green to scale for countries unlocking the potential of climate solutions in the Baltics, Poland and Ukraine

2018 <http://dx.doi.org/10.6027/ANP2018-764>

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](#)

A novel multi-criteria method for building massing based on energy performance and solar access : the mixed solar envelope (MSE) method

Sepulveda Luque, Abel; De Luca, Francesco Co-creating the future: inclusion in and through design ; Vol. 1 2022 / p. 649-658 : ill <https://doi.org/10.52842/conf.eacaade.2022.1.649> <https://www.researchgate.net/publication/363503843> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

NZEB and market-based renovation case study of an existing office building

Kuivjõgi, Helena; Kurnitski, Jarek; Uutar, Aivar; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 05002, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124605002> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

nZEB definitions in Europe

Kurnitski, Jarek; Buso, Tiziana; Corgnati, Stefano Paolo; Derjanecz, Anita; Litiu, Andrei The REHVA European HVAC journal 2014 / p. 6-9 : ill

nZEB energy performance comparison in different climates and countries

Kurnitski, Jarek Heat pumping technologies magazine 2017 / p. 31-37 : ill https://issuu.com/hptmagazine/docs/hpt_20magazine_no3_2017?e=24860023/55068660

NZEB energy performance requirements in four countries vs. European commission recommendations

Kurnitski, Jarek; Ahmed, Kaiser; Hasu, Tero; Kalamees, Targo Proceedings of the REHVA Annual Meeting Conference Low Carbon Technologies in HVAC : 23 April 2018, Brussels, Belgium 2018 / 8 p. : ill <https://www.rehvam2018atic.eu/images/workshops/4/Kurnitski.pdf>

nZEB renovation of multi-storey building with prefabricated modular panels

Pihelo, Peep; Kalamees, Targo; Kuusk, Kalle 3rd International Conference "Innovative Materials, Structures and Technologies" : Riga, Latvia, 27-29 September 2017 : [abstracts] 2017 / p. 129

nZEB renovation of multi-storey building with prefabricated modular panels

Pihelo, Peep; Kalamees, Targo; Kuusk, Kalle IOP conference series : materials science and engineering 2017 / art. 012056, 8 p. : ill <https://doi.org/10.1088/1757-899X/251/1/012056>

nZEB renovation with prefabricated modular panels

Pihelo, Peep; Kalamees, Targo; Kuusk, Kalle Energy procedia 2017 / p. 1006-1011 : ill <https://doi.org/10.1016/j.egypro.2017.09.708>

NZEB Requirements vs European Benchmarks in Residential Buildings

Simson, Raimo; Thomsen, Kirsten Englund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** REHVA European HVAC Journal 2021 / p. 40-44 : ill <https://www.rehva.eu/rehva-journal/chapter/nzeb-requirements-vs-european-benchmarks-in-residential-buildings>

nZEB technical definition for nearly zero energy buildings

Kurnitski, Jarek Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 91-96 : ill

Numerical modeling and validation of a large-scale borehole thermal energy storage system in Finland

Xue, Tianchen; **Jokisalo, Juha; Kosonen, Risto;** Vuolle, Mika; Marongiu, Federica; Vallin, Sami; Leppäharju, Nina; Arola, Teppo E3S Web of Conferences : BuildSim Nordic 2022 2022 / art. 06003 <https://doi.org/10.1051/e3sconf/202236206003> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Nõukaaegsete kodude eluiga pikendab põhjalik remont

Pinn, Mariliis Õhtuleht 2023 <https://dea.digar.ee/article/oh tuleht/2023/04/13/3.10>

Occupancy schedules for energy simulation in new prEN16798-1 and ISO/FDIS 17772-1 standards

Ahmed, Kaiser; Akhondzada, Ali; **Kurnitski, Jarek;** Olesen, Bjarne Sustainable cities and society 2017 / p. 134-144 : ill <https://doi.org/10.1016/j.scs.2017.07.010>

Office building tenants' electricity use model for building performance simulations

Ferrantelli, Andrea; Kuivjõgi, Helena; Kurnitski, Jarek; Thalfeldt, Martin Energies 2020 / art. 5541

<https://doi.org/10.3390/en13215541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oluline seik, mida ei tohiks hoonete energiatõhususe parandamisel unustada [Võrguväljaanne]

postimees.ee 2022 [Oluline seik, mida ei tohiks hoonete energiatõhususe parandamisel unustada](#) <https://digikogu.taltech.ee/et/Item/55e3f98e-1a11-498e-98c5-3068a231e2d5> https://www.ester.ee/record=b5505006*est [Hoonete energiatõhususe parandamisel on tähtis ventilatsioon](#)

On design principles and calculation methods related to air leakages and thermal bridges in well-insulated building envelopes = Õhulekete ja külmasildade mõju hindamise ja arvutamise põhimõtted hästi soojustatud piirdetarindite projekteerimisel

Hallik, Jaanus 2022 <https://doi.org/10.23658/taltech.28/2022> <https://digikogu.taltech.ee/et/Item/cb3446bc-a53c-4fe7-8ae8-4881ae5867ac> https://www.ester.ee/record=b5501130*est

On energy efficiency of water distribution system

Vaabel, Joonas; Koppel, Tiit; Ainola, Leo Water Management Challenges in Global Change : proceedings of the 9th Computing and Control for the Water Industry (CCWI2007) and Sustainable Urban Water Management (SUWM2007) Conferences : Leicester, UK, 3-5 September, 2007 2007 / p. 169-172

1 kV distribution system as a cost effective alternative to the medium voltage systems

Hõbejõgi, Tiit; Vill, Kaija; Valtin, Juhan Przegląd elektrotechniczny = Electrical review 2016 / p. 1-4 : ill <http://dx.doi.org/10.15199/48.2016.02.01>

Optimization of office building facades in a warm summer continental climate

Hani, Allan; Kõiv, Teet-Andrus Smart grid and renewable energy 2012 / p. 222-230 : ill https://www.scirp.org/pdf/sgre20120300008_98662255.pdf

Optimization of pump efficiencies with different pumps characteristics working in parallel mode

Koor, Margus; **Vassiljev, Anatoli; Koppel, Tiit** Advances in engineering software 2016 / p. 69-76 : ill <http://dx.doi.org/10.1016/j.advengsoft.2015.10.010>

Osale teadusprojekti! Eesti teadlased uurivad, mis takistab inimestel energiat säästmast

Serka-Sanchez, Helen ohtuleht.ee 2023 [Osale teadusprojekti! Eesti teadlased uurivad, mis takistab inimestel energiat säästmast](#)

Overheating risk and energy demand of nordic old and new apartment buildings during average and extreme weather conditions under a changing climate

Farahani, Azin Velashjerdi; **Jokisalo, Juha;** Korhonen, Natalia; Jylhä, Kirsti; Ruosteenoja, Kimmo; **Kosonen, Risto** Applied sciences 2021 / art. 3972, 25 p. : ill <https://doi.org/10.3390/app11093972> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview and future challenges of nearly zero-energy building (nZEB) design in Eastern Europe

Attia, Shady; **Kurnitski, Jarek;** Kosin, Piotr; Borodinecs, Anatolijs; Belafi, Zsolt Deme; Istvan, Kistelegdi; Krstic, Hrvoje; Moldovan, Macedon; Visa, Ion; Mihailov, Nicolay Energy and buildings 2022 / art. 112165 <https://doi.org/10.1016/j.enbuild.2022.112165> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of control methods of reluctance machines with sensors and sensorless

Melentjev, Sergei; Belahcen, Anouar; Kallaste, Ants; Vaimann, Toomas 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 26-29 : ill

Overview of Energy Management Systems for net zero energy buildings

Maask, Vahur 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 / p. 172-174 : ill http://ise.elnet.ee/record=b2950102~S2*est

Oxidation energy efficiency in water treatment with gas-phase pulsed corona discharge as a function of spray density : [conference paper]

Tikker, Priit; Kornev, Iakov; **Preis, Sergei** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 83 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Oxidation of aqueous bisphenols A and S by pulsed corona discharge : impacts of process control parameters and oxidation products identification : [conference paper]

Tikker, Priit; Nikitin, Dmitri; Preis, Sergei MonGOS International Conference Water and Sewage in the Circular Economy Model : abstract book 2022 / p. 69 <https://www.researchgate.net/publication/362102748>

Oxidation of aqueous dexamethasone solution by gas-phased pulsed coronadischarge

Onga, Liina; Kattel-Salusoo, Eneliis; Trapido, Marina; Preis, Sergei MonGOS International Conference Water and Sewage in the Circular Economy Model : abstract book 2022 / p. 70 <https://www.mongos-conference.eu/>

Oxidation of ubiquitous aqueous pharmaceuticals with pulsed corona discharge

Derevshchikov, Vladimir; Dulova, Niina; Preis, Sergei Journal of electrostatics 2021 / art. 103567, 9 p.: ill <https://doi.org/10.1016/j.elstat.2021.103567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paneme energiasüsteemid omavahel suhtlema

Wen, Fushuan TööstusEST 2020 / lk. 54-55 : fot http://www.ester.ee/record=b4481084*est <https://toostusest.ee/uudis/2020/09/23/integreeritud-energiastustem/>

PCB design impact on GaN-Based converter operation

Husev, Oleksandr; Jalakas, Tanel; Vinnikov, Dmitri; Vosoughi Kurdkandi, Naser; Persson, Eric 2023 IEEE Applied Power Electronics Conference and Exposition (APEC), 19-23 March 2023 : proceedings 2023 / p. 640-650 <https://doi.org/10.1109/APEC43580.2023.10131547>

Performance based core sustainability metrics for university campuses developing towards climate neutrality : a robust PICSOU framework

Jiang, Qidi; Kurnitski, Jarek Sustainable cities and society 2023 / art. 104723 <https://doi.org/10.1016/j.scs.2023.104723>

Performance evaluation of 5G NR sidelink for V2X scenarios

Elgarhy, Osama Mohamed Mostafa; Yener, Onur; Alam, Muhammad Mahtab 2022 18th Biennial Baltic Electronics Conference (BEC) : proceedings 2022 / 5 p <https://doi.org/10.1109/BEC56180.2022.9935591>

Performance of a building integrated semitransparent photovoltaic facade on a residential house in Northern Europe

Jagomägi, Andri; Wimmer, Andreas; Thalfeldt, Martin EU PVSEC 2017 : 33rd European Photovoltaic Solar Energy Conference and Exhibition : 25-29 September 2017, Amsterdam, The Netherlands 2017 / p. 2537-2547 <http://dx.doi.org/10.4229/EUPVSEC20172017-6BV.3.46>

Phase angle sensitivity characterisation of current harmonics in practical loads

Daniel, Kamran 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 / p. 71-72 : ill https://www.ester.ee/record=b5457278*est

Piits ja präänik: kas maks või toetus sunniks ärimaju säästvaks renoveerima?

Vilk, Urve Äripäev 2021 / Lk. 14-15 <https://dea.digar.ee/article/apehitus/2021/09/09/14.1>

Piskust ei piisa : korterleamute kuluoptimaalne tervikrenoveerimine liginullenergiahooneks

Kuusk, Kalle EhitusEST 2015 / lk. 36-37 https://artiklid.elnet.ee/record=b2747278*est

Plasma abil vett puhastama

Alvela, Ain Tehnikamaailm : TM : sõidukid, elektroonika, teadus, tehnoloogia 2019 / lk. 84-88 : fot https://www.ester.ee/record=b1073050*est

Policy paper on renewable energy and energy efficiency of residential housing : Estonia

Kalvet, Tarmo Expert evaluation network delivering policy analysis on the performance of cohesion policy 2007-2013 2011 / 21 p. : ill

The potential of HVAC systems and building envelope on the indoor climate stability in lightweight detached houses

Kalamees, Targo; Vinha, Juha; Kurnitski, Jarek IEA Annex 41 MOIST-ENG Working meeting : Lyon France, 25-27 October 2006 2006 / [12] p

Power Electronics and Energy Management for Battery Storage Systems

2022 <https://doi.org/10.3390/books978-3-0365-5278-1>

https://www.mdpi.com/journal/energies/special_issues/peem_for_battery_storage_systems

Practical decarbonization actions being taken by the shipping companies

Manderbacka, Teemu; **Tapaninen, Ulla Pirita** Maritime decarbonization : practical tools, case studies and decarbonization enablers

2023 / p. 303–310 https://doi.org/10.1007/978-3-031-39936-7_22

Prefabricated wooden modular elements for nZEB renovation

Pihelo, Peep; Kalamees, Targo; Kuusk, Kalle Advanced Building Skins : 13th Conference on Advanced Building Skins, 1-2

October, 2018, Bern, Switzerland 2018 / p. 591–598 : ill <https://abs.green/files/pdf/content-2018.pdf> <https://abs.green/conference-proceedings/>

Preface to "Energy and technical building systems - scientific and technological advances"

Ferrantelli, Andrea; Kurnitski, Jarek Energy and technical building systems - scientific and technological advances 2020 / p. IX

<https://doi.org/10.3390/books978-3-03928-179-4>

Primary energy balance driven integrated energy design process of positive energy building

Tamm, Meril; Ortiz, Joana; Pascual, Jordi; Kurnitski, Jarek; Thalfeldt, Martin; Salom, Jaume E3S Web Conference: Cold Climate

HVAC and Energy 2021 2021 / art. 13001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124613001> [Conference Proceedings at Scopus](#)
[Article at Scopus](#) [Article at WOS](#)

Primary energy factor for district heating networks in European Union member states

Latšov, 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>

Principles and practice of zero energy buildings in Estonia [Online resource]

Arumägi, Endrik; Kalamees, Targo Sustainable Built Environment : Transition Zero : conference publication of the Utrecht SBE16

Conference on 7-8 April 2016 2016 / p. 147-155 : ill <http://hu-conferenties.nl/getmedia.php?Media=sbe16/sbe16.pdf&Online=true>

Problems in the operating and calculation of payback of photovoltaic systems in buildings

Saikovski, Valeri 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical

University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [4] p. : ill <https://doi.org/10.1109/RTUCON.2017.8125624>

Professor Jarek Kurnitski valiti Soome kliimapaneeli liikmeks

ehitusuudised.ee postimees.ee 2023 [Professor Jarek Kurnitski valiti Soome kliimapaneeli liikmeks](#) [Professor ja akadeemik Jarek Kurnitski valiti Soome kliimapaneeli liikmeks](#)

Professor Targo Kalamees: tulevane insener ei tohi häbeneda õppejõule rohkete küsimuste esitamist

Kalamees, Targo director.ee 2023 [Professor Targo Kalamees: tulevane insener ei tohi häbeneda õppejõule rohkete küsimuste esitamist](#)

Professor: ka ehitusmaterjalide süsinikujalajalg tuleb kontrolli all hoida

Anvelt, Kärt Eesti Päevaleht 2021 / Lk. 18 : ill <https://dea.digar.ee/article/eestipaevaleht/2021/03/24/17.6>

Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta

goodnews.ee 2023 [Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta](#) [Professorid Juri Belikov ja Eduard Petlenkov selgitavad, kuidas Eestit rohelisemaks muuta](#)

Progress with national nZEB applications in the EU

Kurnitski, Jarek Advanced HVAC and Natural Gas Technologies : REHVA Annual Meeting & Conference 2015 with special student

sessions on "Advanced HVAC and Natural Gas Technologies" : 06–09 May, 2015, Riga, Latvia 2015 / [1] p

Promoting building materials that have lower embodied carbon and energy in public procurements : experience from Estonia

Rebane, Kristel; Reihan, Alvina Management of environmental quality : an international journal 2016 / p. 722-739 : ill

<http://dx.doi.org/10.1108/MEQ-07-2015-0154>

Prügikastid ajavad üle? Suplusvee kvaliteet kõigub? Teadlased tulevad appi

Erala, Siiri Pärnu Postimees 2024 / Lk. 4 <https://dea.digar.ee/article/parnupostimees/2024/03/28/14>

Puidust liginullenergiahoone kuluoptimaalseks

Arumägi, Endrik Ehitaja 2021 / lk. 32-33 : ill https://www.ester.ee/record=b1072123*est

Puiduta oleks meie kaugküte hoopis teistsugune [Võrguväljaanne]

metsamajandusuudised.ee 2021 ["Puiduta oleks meie kaugküte hoopis teistsugune "](#)

Puitmajasektor ei anna alla

Kartau, Mari ohtuleht.ee 2023 [Puitmajasektor ei anna alla](#)

Puitmajasektor valmistub liginullenergiahooneid tootma : [seminaril "Aasta liginullenergiahoones" tutvustati TTÜ testmaja]

Ehitaja 2014 / lk. 10

Pulsed corona discharge : the role of ozone and hydroxyl radical in aqueous pollutant oxidation

Preis, Sergei; Panorel, I.; Kornev, I.; Hatakka, Henry; **Kallas, Juha** 6th International Water Association Specialist Conference : Oxidation Technologies for Water and Wastewater Treatment, Goslar, Germany, May 6-9 2012

https://www.researchgate.net/publication/258054814_Pulsed_corona_discharge_The_role_of_Ozone_and_hydroxyl_radical_in_aqueous_pollutants_oxidation

Pulsed corona discharge : the role of ozone and hydroxyl radical in aqueous pollutants oxidation

Preis, Sergei; Panorel, I.; Kornev, I.; Hatakka, Henry; **Kallas, Juha** Water science & technology Water science and technology 2013 / p. 1536–1542 <https://doi.org/10.2166/wst.2013.399>

Pumps energy consumption based on new EU legislation

Annus, Ivar; Uibo, D.; **Koppel, Tiit** Procedia engineering 2014 / p. 517-524 : ill

Päikesepatareidest klaasid muudavad akna elektrienergia allikaks [Võrguväljaanne]

Eensalu, Jako Siim novaator.err.ee 2021 ["Päikesepatareidest klaasid muudavad akna elektrienergia allikaks"](#)

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>

Quality and accuracy of digital twin models for the neighbourhood level building energy performance calculations

Parts, Egert-Ronald; **Pikas, Ergo**; **Parts, Tuule Mall**; **Arumägi, Endrik**; **Liiv, Innar** E3S Web of Conferences : 11th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, IAQVEC2023 2023 / art. 04021

<https://doi.org/10.1051/e3sconf/202339604021>

Quantification of environmental and economic impacts for main categories of building labeling schemes

Seinre, Erkki; **Kurnitski, Jarek**; **Voll, Hendrik** Energy and buildings 2014 / p. 145-158 : ill

Quantification of environmental and economic impacts in building sustainability assessment = Keskkondlike ja majanduslike mõjude kvantifitseerimine hoonete jätkusuutlikkuse hindamisel

Seinre, Erkki 2015 https://www.ester.ee/record=b4453547*est

Quo vadis, Eesti energeetika?

Vaimann, Toomas Riigikogu Toimetised 2023 / lk. 21-24 <https://rito.riigikogu.ee/nr-47/quo-vadis-eesti-energeetika/>

https://www.ester.ee/record=b1361123*est

Radiator, underfloor and air heating efficiency

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

Rakennusten energiatehokkuusdirektiiviä tukevat uusitut CEN standardit

Kurnitski, Jarek Rakennusten energiaseminaari 2014 2014 / s. 24-25

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

Ranking of sustainability indicators for assessment of the new housing development projects : case of the Baltic States

Tupenaite, Laura; **Lill, Irene**; **Geipele, Ineta**; **Naimaviciene, Jurga** Resources 2017 / art. 55, p. 1-21 : ill

<http://dx.doi.org/10.3390/resources6040055>

Realisation of energy performance targets of an old apartment building renovated to nZEB

Hamburg, Anti; **Kuusk, Kalle**; **Mikola, Alo**; **Kalamees, Targo** Energy 2020 / art. 116874, 10 p. : ill

<https://doi.org/10.1016/j.energy.2019.116874> Journal metrics at Scopus [Article at Scopus](#) Journal metrics at WOS [Article at WOS](#)

Realisation of energy renovation targets of Estonian apartment buildings = Eesti korterelamute renoveerimisel energiatõhususe eesmärkide saavutamine

Hamburg, Anti 2022 <https://doi.org/10.23658/taltech.18/2022> <https://digikogu.taltech.ee/et/Item/790db206-2bfe-4ec0-9476-cb1a3dc09400>

https://www.ester.ee/record=b5497566*est

REHVA - EUROVENT seminar discussed the reviews of directives, inclusion of indoor climate and situation with national

nZEB as main topics

Kurnitski, Jarek The REHVA European HVAC journal 2016 / p. 66-68 : ill <http://www.rehva.eu/publications-and-resources/rehva-journal/2016/062016.html>

REHVA - EUROVENT seminar keskendus energiatõhususele

Kurnitski, Jarek EhitusEST 2016 / lk. 28 http://www.estee.ee/record=b4442657*est

REHVA congratulates Jarek Kurnitski for his election as a Member of the Estonian Academy of Sciences!

The REHVA European HVAC journal 2019 / p. 78 : phot
https://www.rehva.eu/fileadmin/REHVA_Journal/REHVA_Journal_2019/RJ1/RJ1901_WEB.pdf

REHVA konverents : energiatõhususe tipud kohtusid Tallinnas

Voll, Hendrik Teatmik 2011 : 20 aastat EKVÜ-d! / Eesti Kütte- ja Ventilatsiooniinseneride Ühendus 2011 / lk. 15

REHVA nZEB Task Force buildings - renewable energy contribution and open nZEB issues

Kurnitski, Jarek European Heat Pump Association EHPA Expert Workshop on Nearly Zero Energy buildings (nZEB) : May 27, 2015 Brussels 2015

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

REHVA-EUROVENT-seminaarini pääteemoina olivat direktiivien uusinta ja lähes nollaenergiarakennukset

Kurnitski, Jarek Talotekniikka 2016 / s. 53 : kuv

Relationship analysis and optimisation of space layout to improve the energy performance of office buildings

Du, Tiantian; Turrin, Michela; Jansen, Sabine; Dobbelsteen, Andy van den; **De Luca, Francesco** Energies 2022 / art. 1268
<https://doi.org/10.3390/en15041268> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Renewables in NZEB office and school buildings

Kurnitski, Jarek World Sustainable Energy Days 2015 : Energy-Efficient Commercial Buildings Conference : 25-27 February 2015, Wels, Austria 2015

Renovation alternatives to improve energy performance of historic rural houses in the Baltic Sea region

Alev, Üllar; Eskola, Lari; **Arumägi, Endrik**; **Kalamees, Targo** Energy and buildings 2014 / p. 58-66 : ill

Renovation and energy performance improvement of Estonian wooden rural houses = Eesti puidust maaelamute renoveerimine ja energiatõhususe parandamine

Alev, Üllar 2017 <https://digi.lib.ttu.ee/i/?7675>

Renovation marathon - pursuing Estonian national climate ambition through smart and resilient renovation (LIFE IP)

Kalamees, Targo; **Lomp, Siim** Proceedings of the III Forum Wood Building Baltic, Riga Technical University, 09-10.05, 2022, Riga, Latvia 2022 / p. 58-59 <https://forumwoodbuilding.rtu.lv/wp-content/uploads/sites/37/2022/05/FWBB2022-2022.05.09-speakers-day-1-and-2.pdf>

Renovation of historic wooden apartment buildings

Arumägi, Endrik Liginullenergiahooned täna ja homme : artiklite kogumik 2015 / p. 139-144 : ill

Renovation of historic wooden apartment buildings = Ajalooliste puitkorterelamute renoveerimine

Arumägi, Endrik 2015 http://www.estee.ee/record=b4483126*est

Renoveerimine ootab pea iga vanemat eramut – kuidas seda teha?

Kalamees, Targo visionest.institute 2024 [Renoveerimine ootab pea iga vanemat eramut – kuidas seda teha?](#)

Renoveerimisel on abiks uus digitööriist

ehitusuudised.ee 2023 [Renoveerimisel on abiks uus digitööriist](#)

Renoveerimislaimest tekkinud furoor on liiast? Eksperdi hinnangul vajaks tempo sootuks tõstmist

Kaaver, Krista arileht.delfi.ee 2023 [Renoveerimislaimest tekkinud furoor on liiast? Eksperdi hinnangul vajaks tempo sootuks tõstmist](#)

Renoveeritud korterelamute energiasääst võib jääda plaanitust väiksemaks [Võrguväljaanne]

Hellerna, Juhan novaator.err.ee 2022

Reoveepuhasti käitamine

Lember, Erki; Kõrgmaa, Vallo; Sikk, Aser Reoveepuhastuse käsiraamat 2023 / lk. 596-614

<https://lifecleanest.ee/sites/cleanest/files/2023-10/>

Reoveepuhastite energiatõhususe hindamine massibilansi abil

Lember, Erki Tallinna Tehnikakõrgkooli Toimetised 2021 / lk. 5–12 : ill

https://issuu.com/tktk8/docs/tktkoppejoududetoimetised_27_2021_vol4

Research and development of improved value stream mapping methodology for evaluation of demand side management possibilities in the industry sector = Väärtusahela kaardistamise metoodika uurimine ja arendamine tarbimise juhtimise võimaluste hindamiseks tööstussektoris

Melsas, Raivo 2018 <https://digi.lib.ttu.ee/i/?9925>

Residential electricity consumption and loads pattern analysis

Rosin, Argo; Hõimoja, Hardi; Möller, Taavi; Lehtla, Madis PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 111-116 : ill

Residential energy management system to support increased renewable penetration = Taastuenergiaallikate kasutustihedust toetav energiahaldussüsteem

Shabbir, Noman 2022 <https://doi.org/10.23658/taltech.37/2022> <https://digikogu.taltech.ee/et/Item/2c178a6b-f918-4932-bd1b-48feb7fc7aa>
https://www.ester.ee/record=b5503996*est

Residential heat recovery ventilation – European guidebook under preparation

Kurnitski, Jarek The REHVA European HVAC journal 2017 / p. 7–9 : ill <http://www.rehva.eu/publications-and-resources/rehva-journal/2017/062017/residential-heat-recovery-ventilation-european-guidebook-under-preparation.html>

Retrofit cost-effectiveness : Estonian apartment buildings

Kuusk, Kalle; Kalamees, Targo Building research & information 2016 / p. 920-934 : ill

<http://dx.doi.org/10.1080/09613218.2016.1103117>

Reward function evaluation in a reinforcement learning approach for energy management [Online resource]

Rioual, Yohann; Le Moulec, Yannick; Laurent, Johann; Khan, Muhidul Islam; Diguët, Jean-Philippe BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2019 / 4 p <https://doi.org/10.1109/BEC.2018.8600992>

Review of energy challenges and horizons of hydrogen city buses

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Energies 2022 / art. 6945 <https://doi.org/10.3390/en15196945> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

A review of non-residential building renovation and improvement of energy efficiency: office buildings in Finland, Sweden, Norway, Denmark, and Germany

Kiviste, Mihkel; Musakka, Sami; Ruus, Aime; Vinha, Juha Energies 2023 / art. 4220, 26 p <https://doi.org/10.3390/en16104220>

Review on Braking Energy Management in Electric Vehicles

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard Energies 2021 / art. 4477 <https://doi.org/10.3390/en14154477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review on potential use of low-temperature water in the urban environment as a thermal-energy source

Laanearu, Janek; Borodinecs, Anatolijs; Rimeika, M.; Palm, B. IOP conference series : materials science and engineering 2017 / art. 012054, p. 1-9 : ill <https://doi.org/10.1088/1757-899X/251/1/012054>

Revitalization of wooden apartments as a tool to deal with shrinkage - case study from Valga

Ruus, Aime; Tintera, Jiri Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 68-69 : ill
https://www.ester.ee/record=b5197207*est

Revitalization of wooden apartments as a tool to deal with shrinkage - case study from Valga

Ruus, Aime; Tintera, Jiri Journal of sustainable architecture and civil engineering 2019 / p. 16-24 : ill
<https://doi.org/10.5755/j01.sace.25.2.22074>

Revitalizing modernist districts : neighbourhood level mass-renovation with OFTacademy project

Truu, Murel; Lihtmaa, Lauri; Niinemägi, Mariliis Journal of sustainable architecture and civil engineering 2024 / p. 8-21
<https://doi.org/10.5755/j01.sace.34.1.35646>

Roheline majandus vallutab Eesti [Võrguväljaanne]

Karnau, Andrus postimees.ee 2021 ["Roheline majandus vallutab Eesti"](#)

Rohepööre koputab (homme) uksele: kehva energiaklassiga hoones enam äritsema-elada ei lubata

Riik, Marvel Öhtuleht 2023 / Lk. 4-5 <https://dea.digar.ee/article/ohutuleht/2023/02/08/3.8>

Rohetund #38: Kümned tuhanded maakodud vajavad renoveerimist. Kuidas teha seda õigesti ja vältida vigu?

Soopan, Ivar rohe.geenius.ee 2023 [Rohetund #38: Kümned tuhanded maakodud vajavad renoveerimist. Kuidas teha seda õigesti ja vältida vigu?](#)

Seadus : saagu hoonetest energijaamad!

Kurnitski, Jarek Inseneeria 2015 / lk. 34-36, 38, 40 : ill https://artiklid.elnet.ee/record=b2720904*est

Secure, context-aware and QoS-enabled SDN architecture to improve energy efficiency in IoT-based smart buildings

Hakiri, Akram; Sallemi, Bassem; Ghandour, Fatma; **Ben Yahia, Sadok** Distributed computing for emerging smart networks : Second International Workshop, DiCES-N 2020, Bizerte, Tunisia, December 18, 2020, proceedings 2020 / p. 55-74 : ill https://doi.org/10.1007/978-3-030-65810-6_4 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Selection of the insulation materials for refurbishment purposes

Lill, Irene; Kanapeckiene, Loreta; Tupenaite, Laura; Naimaviciene, Jurga Engineering structures and technologies 2017 / p. 104-115 : ill <https://doi.org/10.3846/2029882X.2017.1339296>

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](#)

Setback efficiency of limited-power heating systems in cold climate

Kull, Tuule Mall; Simson, Raimo; Kurnitski, Jarek Cold Climate HVAC 2018 : Sustainable buildings in cold climates : proceedings of the 9th Cold Climate HVAC conference, Kiruna, Sweden, 2018, 12-15 March 2019 / p. 87-95 https://doi.org/10.1007/978-3-030-00662-4_8

Simulation study of high step-up quasi-Z-source DC-DC converter with synchronous rectification

Liivik, Liisa; Vinnikov, Dmitri; Zakis, Janis 2014 55th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings 2014 / p. 34-37 : ill

Sisekeskkonna algandmed hoonete energiatõhususe projekteerimiseks ja hindamiseks, lähtudes siseõhu kvaliteedist, soojustlikust mugavusest, valgustusest ja akustikast

Hääl, Kaido 2010 https://www.ester.ee/record=b2563279*est

Sisekliima ja energiatõhusus korterelamus

Thalfeldt, Martin Pööning : ajalooga majad, aiad ja disainiklassika 2021 / lk. 54-60 : fot https://www.ester.ee/record=b4516546*est

Six steps to reach carbon-free shipping

Tapaninen, Ulla Pirita Baltic Rim economies 2021 / 1 p. <https://sites.utu.fi/bre/six-steps-to-reach-carbon-free-shipping/>

Solar form finding : subtractive solar envelope and integrated solar collection computational method for high-rise buildings in urban environments

De Luca, Francesco Acadia 2017 : Disciplines & Disruption : proceedings of the 37th Annual Conference of the Association for Computer Aided Design in Architecture 2017 / p. 212-221 : ill

Solar insolation requirement the reason for overheating in nearly zero energy apartment buildings

Voll, Hendrik; Tamm, Kristel; De Luca, Francesco Advanced Building Skins : 12th Conference on Advanced Building Skins, 2-3 October 2017, Bern, Switzerland 2017 / p. 785-787 : ill

Soovid oma kodu energiatõhusust suurendada? Üheks variandiks on kodu renoveerimine [Võrguväljaanne]

Ilomets, Simo arileht.delfi.ee 2022 [Soovid oma kodu energiatõhusust suurendada? Üheks variandiks on kodu renoveerimine](#)

Specific retrofitting concepts compared

Kalamees, Targo; Oorschot, John van A Guide into Renovation Package Concepts for Mass Retrofit of Different Types of Buildings with Prefabricated Elements for (N)Zeb Performance 2018 / p. 39-45 : ill [Guide into renovation...](#)

Speed control strategy selection for multi-pump systems

Bakman, Ilja; Gevorgov, Levon 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 353-356 : ill

Spetsialistid soovivad: neli head nippi, kuidas suure remondita kodu energiatõhusamaks muuta [Võrguväljaanne]

Mets, Anna-Liisa 2022 [Spetsialistid soovivad: neli head nippi, kuidas suure remondita kodu energiatõhusamaks muuta](#)

Standalone electrical storages as part of the network system in metropolitan area in Finland

Rikkas, Elina Rebecka 2018 15th International Conference on the European Energy Market (EEM 2018), Lodz, Poland, 27-29 June 2018 / p. 363-367 : ill <https://doi.org/10.1109/EEM.2018.8469985>

State-subsidised refurbishment of socialist apartment buildings in Estonia

Kuusk, Kalle; Kurnitski, Jarek Housing estates in the Baltic countries : the legacy of central planning in Estonia, Latvia and Lithuania 2019 / p. 339-355 : ill https://doi.org/10.1007/978-3-030-23392-1_16 https://www.ester.ee/record=b5284229*est

Status on the ground : overview of existing surveys on energy performance related quality and compliance [Online resource]

Maivel, Mikk; Kuusk, Kalle; Simson, Raimo; Kurnitski, Jarek; Kalamees, Targo 2015 <http://qualicheck-platform.eu/wp-content/uploads/2015/06/QUALICheck-Report-Overview-of-existing-studies.pdf>

Steroidid äri jaoks: energiaeinformaatika tahab viia Eesti majanduse uuele tõusule

postimees.ee 2023 [Steroidid äri jaoks: energiaeinformaatika tahab viia Eesti majanduse uuele tõusule](#)

Strategic energy partnership in shipping

Olaniyi, Eunice Omolola; Gerber, Patrick; Prause, Gunnar Klaus Reliability and statistics in transportation and communication : Selected papers from the 17th International Conference on Reliability and Statistics in Transportation and Communication, RelStat'17, 18-21 October, 2017, Riga, Latvia 2018 / p. 93-101 https://doi.org/10.1007/978-3-319-74454-4_10

Study of the centrifugal pump efficiency at throttling and speed control

Gevorkov, Levon; Vodovozov, Valery BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 199-202 : ill http://www.ester.ee/record=b2150914*est

Surfactant and non-surfactant radical scavengers in aqueous reactions induced by pulsed corona discharge treatment

Wang, Yi-Xian; Kornev, Iakov; Wei, Chao-Hai; **Preis, Sergei** Journal of electrostatics 2019 / p. 82-86 : ill <https://doi.org/10.1016/j.elstat.2019.03.001> [Tehnikaülikooli teadlaste uudne lahendus puhastab vett elektriga](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Säästlik käitumine ja renoveerimine aitavad energiakulusid madalamal hoida [Võrguväljaanne]

Kalamees, Targo delfi.ee 2022 ["Säästlik käitumine ja renoveerimine aitavad energiakulusid madalamal hoida"](#)

Süsinikujalajälg hoonetes vajab õige pea hindamist

Alvela, Ain EhitusEST 2024 / lk. 15-16 https://www.ester.ee/record=b4442657*est

Tallinn osaleb TalTechi targa linna projektides [Võrguväljaanne]

Povilaitis, Arvidas pealinn.ee 2021 ["Tallinn osaleb TalTechi targa linna projektides"](#)

Tallinna "mägede" kortermajadele saab taotleda uuenduslikku rekonstrueerimistoetust [Võrguväljaanne]

Varma, Erki pealinn.ee 2021 ["Tallinna "mägede" kortermajadele saab taotleda uuenduslikku rekonstrueerimistoetust"](#)

Tallinna Sadama südameasjaks on hoida Läänemeri puhtana

Vastutustundlik ettevõtlus 2021 / Lk. 3 https://www.ester.ee/record=b3067445*est

Tallinna Tehnikaülikool ning Eesti Jõujaamade ja Kaugkütte Ühing arvutasid välja kaugküttesektori CO2 jalajälje [Võrguväljaanne]

Bioneer.ee 2022 ["Tallinna Tehnikaülikool ning Eesti Jõujaamade ja Kaugkütte Ühing arvutasid välja kaugküttesektori CO2 jalajälje"](#)

Tallinna Tehnikaülikooli hoonete ja rajatiste tasuta magistriõpe – võti kvalifitseeritud tööjõu vajaduse vähendamiseks [Võrguväljaanne]

delfi.ee 2022 ["Tallinna Tehnikaülikooli hoonete ja rajatiste tasuta magistriõpe – võti kvalifitseeritud tööjõu vajaduse vähendamiseks"](#)

Tallinnas alustatakse energiakriisi lahendamist: päikesepaneelid põldudel ja ehitistel saavad kergemaks ning töhusamaks

postimees.ee 2023 [Tallinnas alustatakse energiakriisi lahendamist: päikesepaneelid põldudel ja ehitistel saavad kergemaks ning töhusamaks](#)

Tallinnas arutati linnade roheenergeetika tulevikku

Bioneer.ee 2023 <https://bioneer.ee/tallinnas-arutati-linnade-roheenergeetika-tulevikku>

Tallinnasse kerkib moodsaim kliimaneutraalne linnaosa

Anvelt, Kärt Eesti Päevaleht 2021 / Lk. 16-17 : ill <https://dea.digar.ee/article/eestipaevaleht/2021/03/24/17.2>

Taltech : hoonete renoveerimise vajadus kasvab hüppeliselt

Ilomets, Simo Ehitaja 2022 / lk. 38-39 https://www.ester.ee/record=b1072123*est

TalTech toob päikeselise tuleviku

digi.geenius.ee 2023 [TalTech toob päikeselise tuleviku](#)

TalTech toob päikeselise tuleviku

digi.geenius.ee 2023 [TalTech toob päikeselise tuleviku](#)

TalTech toob päikeselise tuleviku

Ehitaja 2023 / lk. 34-35 : fot https://www.ester.ee/record=b1072123*est

Taltech'i ehitusprofessorid: Kui tempot ei lisa, siis renoveerime oma hooneid energiatõhusaks 100 aastat

Jarne, Aivar pealinn.ee 2023 [Taltech'i ehitusprofessorid: Kui tempot ei lisa, siis renoveerime oma hooneid energiatõhusaks 100 aastat](#)

TalTech'i ekspert: muinsuskaitse võiks ajalooliste hoonete renoveerimisele eritingimusi seades olla paindlikum

digi.geenius.ee 2024 [TalTech'i ekspert: muinsuskaitse võiks ajalooliste hoonete renoveerimisele eritingimusi seades olla paindlikum](#)

TalTech'i energeetikud esitlesid uutset energiasalvestit

ehitusuudised.ee 2019 [TalTech'i energeetikud esitlesid uutset energiasalvestit](#)

TalTech'i professor Eduard Petlenkov: kõige puhtam on energia, mida ei pea tootma

ari.geenius.ee 2023 [TalTech'i professor Eduard Petlenkov: kõige puhtam on energia, mida ei pea tootma](#)

TalTech'i professor Eduard Petlenkov: kõige puhtam on energia, mida ei pea tootma

Petlenkov, Eduard; Küla, Janar; Täkker, Siim ari.geenius.ee 2023 [TalTech'i professor Eduard Petlenkov: kõige puhtam on energia, mida ei pea tootma](#)

TalTech'i professor: elektroonika- ja IKT-tööstus tõukavad tagant digi- ja rohepööret

Le Moullec, Yannick toostusuudised.ee 2023 [TalTech'i professor: elektroonika- ja IKT-tööstus tõukavad tagant digi- ja rohepööret](#)

TalTech'il valmis rohestrateegia, mis panustab majanduse kasvu keskkonnakahju tõstmata

postimees.ee 2023

Targa linna tippkeskus ootab konkursile ideid

Grünfeldt, I. virumaateataja.postimees.ee 2023 [Targa linna tippkeskus ootab konkursile ideid](#)

Target values for indoor environment in energy-efficient design

Seppänen, Olli; **Kurnitski, Jarek** Cost optimal and nearly zero-energy buildings (nZEB) : definitions, calculation principles and case studies 2013 / p. 57-78 : ill

Teadlane : 10 aasta eest vahetatud aknad on tänapäeva mõistes kõlbmatud [Võrguväljaanne]

Koppel, Karin err.ee 2022 [Teadlane: 10 aasta eest vahetatud aknad on tänapäeva mõistes kõlbmatud](#)

Teadlane selgitab: mida tõhusa kaugkütte märgis tegelikult tähendab? [Võrguväljaanne]

postimees.ee 2022 ["Teadlane selgitab: mida tõhusa kaugkütte märgis tegelikult tähendab?"](#)

Teadlane vastab : millised hakkavad olema tulevikumajad? [Võrguväljaanne]

Kurnitski, Jarek Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Teadlane vastab: millised hakkavad olema tulevikumajad?](#)

Teadlased: ärihoonete raiskav energiakasutus ohustab rohepööret

Mente et Manu 2021 / lk. 11 https://www.ester.ee/record=b1242496*est <https://doi.org/10.1016/j.enbuild.2021.111169>

„Teadmistepõhine ehitus 2022“ konverents keskendus renoveerimise väljakutsetele [Võrguväljaanne]

rohe.geenius.ee 2022 [„Teadmistepõhine ehitus 2022“ konverents keskendus renoveerimise väljakutsetele](#)

Teadurid tegutsevad: energiakavasid saab peagi luua suurema vaevata

Hallik, Liina ohtuleht.ee 2023 [Teadurid tegutsevad: energiakavasid saab peagi luua suurema vaevata](#)

Technical condition of prefabricated concrete large panel apartment buildings in Estonia

Kalamees, Targo; Öiger, Karl; Kõiv, Teet-Andrus; Liias, Roode; Kallavus, Urve; Mikli, Lauri; Lehtla, Andres; Kodi, Georg-Mihkel; Arumägi, Endrik XII International Conference on Durability of Building Materials and Components : Porto, Portugal, April 12-15, 2011 : proceedings. II 2011 / p. 973-981 : ill

Teenetemärgi laureaat Kurnitski : aitasin tuua hoonetesse hea sisekliima

novaator.err.ee 2024 [Teenetemärgi laureaat Kurnitski: aitasin tuua hoonetesse hea sisekliima](#)

Teet-Andrus Kõiv: Ees ootab tõsine ülesanne suurendada hoonete energiatõhusust : [intervjuu energiasäästliku ehituse magistriõppekava loomisest TTÜs]

Kõiv, Teet-Andrus; Mäe, Kristo Ehitaja 2009 / 6, lk. 30-33 : portr https://artiklid.elnet.ee/record=b1476269*est

Teet-Andrus Kõiv: hoonete energiatõhususe magistriõppekava vastu on väga suur huvi

Kõiv, Teet-Andrus Teatmik 2011 : 20 aastat EKVÜ-d! / Eesti Kütte- ja Ventilatsiooniinseneride Ühendus 2011 / lk. 51-53 : portr

Tehases toodetud valmiselemendid annavad renoveerimisele kiirema käigu

Vilk, Urve Äripäev 2020 / Lk. 8, 10-11 <https://dea.digar.ee/publication/aripaev>

Tehisintellekt rohepöörde eesmärkide teenistuses

rup.ee 2024 [Tehisintellekt rohepöörde eesmärkide teenistuses](https://dea.digar.ee/publication/aripaev)

Ten questions on tools and methods for positive energy districts

Natanian, Jonathan; Guarino, Francesco; Manapragada, Naga; Magyari, Abel; Naboni, Emanuele; **De Luca, Francesco**; Cellura, Salvatore; Brunetti, Alberto; Reith, Andras Building and environment 2024 / art. 111429 <https://doi.org/10.1016/j.buildenv.2024.111429>

Tenant-based measured electricity use in 4 large office buildings in Tallinn, Estonia

Ferrantelli, Andrea; Aljas, Hans Kristjan; Maask, Vahur; Thalfeldt, Martin E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 04001, 8 p. : ill <https://doi.org/10.1051/e3sconf/202124604001> [Conference Proceedings at Scopus](#) [Article at WOS](#)

The auxiliary systems influence on the energy efficiency of diesel electric locomotives

Rassõlkin, Anton 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 129-131 : ill

The economic challenges of deep energy renovation - differences, similarities, and possible solutions in Northern Europe : Estonia and Denmark

Rose, Jorgen; **Kuusk, Kalle**; Thomsen, Kirsten Englund; **Kalamees, Targo**; Morck, Ove Christen ASHRAE transactions. Vol. 122, pt. 1 2016 / p. 58-68 : 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

The possibilities to improve local electrical power grid : case of TUT campus [Electronic resource]

Astapov, Victor; Palu, Ivo 17th International Scientific Conference on Electric Power Engineering (EPE) : proceedings 2016 / [5] p. : ill. [USB] <https://doi.org/10.1109/EPE.2016.7521793>

The use of thermal energy storage for energy system based on cogeneration plant

Volkova, Anna; Siirde, Andres Recent Researches in Geography, Geology, Energy, Environment and Biomedicine : Proceedings of the 4th WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology (EMESEG '11) : Proceedings of the 2nd International Conference on Geography and Geology 2011 (WORLD-GEO '11) : Proceedings of the 5th International Conference on Energy and Development - Environment - Biomedicine 2011 (EDEB '11), Corfu Island, Greece, July 14-16, 2011 2011 / p. 71-75 : ill

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>

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>

Toetusraha läheb jõukatele: „Pikka plaani ega head riigivalitsemist ei ole võimalik selles mustris kuidagi näha.“

Hallik, Liina Õhtuleht 2023 / Lk. 12-13 <https://dea.digar.ee/article/oh tuleht/2023/10/28/9.1>

Total economy of energy-efficient office building facades in a cold climate = Külmas kliimas asuvate energiatõhusate büroohoonete fassaadi energia- ja majandusanalüüs

Thalfeldt, Martin 2016 <https://digi.lib.ttu.ee/74068>

Total economy of windows and facades in low energy office buildings

Thalfeldt, Martin; Kurnitski, Jarek; Voll, Hendrik; Pikas, Ergo The REHVA European HVAC journal 2014 / p. 19-24 : ill

Towards efficient wireless body area network using two-way relay cooperation

Waheed, Maham; Ahmad, Rizwan; **Alam, Muhammad Mahtab** Sensors 2018 / art. 565, 23 p. : ill <https://doi.org/10.3390/s18020565>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Transition towards university campus carbon neutrality by connecting to city district heating network

Hiltunen, Pauli; **Volkova, Anna; Latšov, Eduard; Lepiksaar, Kertu**; Syri, Sanna Energy reports 2022 / p. 9493-9505
<https://doi.org/10.1016/j.egy.2022.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

TTÜ ehitab vana ühiselamu liginullenergiahooneks

Mente et Manu 2017 / lk. 8 : ill https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html

TTÜ pereühiselamu lugu : vanast paneelmajast moodsaks liginullenergiahooneks = История семейного общежития

TTY : современное здание с близким к нулю потреблением энергии из старого панельного дома

Trell, Kristel Elamu 2018 / lk. 10-13, 32-35 : ill https://www.ester.ee/record=b1072137*est

TTÜ pereühiselamust saab liginullenergiahoone

Ehitaja 2017 / lk. 8 : fot http://www.ester.ee/record=b1072123*est

TTÜ professor : kui me maju ei renoveeri, vajame peagi juurde Auvere elektriamaa jagu tootmisvõimsust

Mikovitš, Bianca Maaleht 2022 / Lk. 12-13 <https://dea.digar.ee/article/maaleht/2022/03/10/14.1>

Tõhusa kaugkütte märgis aitab tarbijatel valikuid teha

Mente et Manu 2022 / lk. 43 : fot https://www.ester.ee/record=b1242496*est

Tänapäevane renoveerimine : lodžast saab siseruumi osa = Современная реновация : лоджия может стать частью помещения

Elamu 2017 / lk. 15-18 : ill ; c. 39-42 : ил

Understanding computational methods for solar envelopes based on design parameters, tools, and case studies : a review

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil Energies 2020 / art. 3302, 25 p. : ill
<https://doi.org/10.3390/en13133302> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Unmanned ground vehicle energy efficiency validation in territory surveillance mission

Väljaots, Eero; Sell, Raivo; Rimasauskas, Marius Mechatronic Systems and Materials VII 2016 / p. 164-170
<http://dx.doi.org/10.4028/www.scientific.net/SSP.251.164>

Unmanned ground vehicle SysML navigation model conducted by energy efficiency

Väljaots, Eero; Sell, Raivo Advances in applied materials and electronics engineering III 2014 / p. 443-447

Urban planning principles of nearly zero-energy residential buildings in Estonia

Voll, Hendrik; Thalfeldt, Martin; De Luca, Francesco; Kurnitski, Jarek; Olesk, Timo Management of environmental quality - an international journal 2016 / p. 634-648 : ill <http://dx.doi.org/10.1108/meq-05-2015-0101>

Use of value stream mapping for evaluation of load conservation and peak clipping possibilities [Electronic resource]

Melsas, Raivo; Rosin, Argo 2017 IEEE International Conference on Environment and Electrical Engineering and 2017 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) : 6-9 June, 2017, Milan, Italy : conference proceedings 2017 / [6] p. : ill. [DVD] <https://doi.org/10.1109/EEEIC.2017.7977549>

Uses of the digital twins concept for energy services, intelligent recommendation systems, and demand side management: A review

Onile, Abiodun Emmanuel; Machlev, Ram; **Petlenkov, Eduard**; Levron, Yoash; **Belikov, Juri** Energy reports 2021 / p. 997-1015
<https://doi.org/10.1016/j.egy.2021.01.090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uuringus selgitati välja kortermajade renoveerimisega seotud probleemid

Bioneer.ee 2023 [Uuringus selgitati välja kortermajade renoveerimisega seotud probleemid](#)

Uusarenduste energiasääst võib osutuda pettuseks

Lees, Merike postimees.ee 2022 [Uusarenduste energiasääst võib osutuda pettuseks](#) [Uusarenduste energiasääst võib osutuda pettuseks](#)

Uusi büroohooneid ehitatakse kapitaalselt ümber

Kalamees, Targo EhitusEST 2023 / lk. 28-29 : fot https://www.ester.ee/record=b4442657*est

Uute puidust hoonete sisekliima ja energiatõhususe analüüs Põhjamaades

Kuusk, Kalle Kõik ärikinnisvarast : [ajalehe Äripäev lisa] 2021 / Lk. 30 https://static-pdf.aripaev.ee/QddBW9e_Hq4l1zNz_G0UWVGUltE.pdf
https://www.ester.ee/record=b5223461*est

Uute puidust koolide ja lasteaedade sisekliima ning energiatõhusus

Kuusk, Kalle Ehitaja 2021 / lk. 38-39 : ill https://www.ester.ee/record=b1072123*est

Vajalikke selgitusi liginullenergiahoone ja energiatõhususe kohta = Разъяснения по энергетической эффективности и зданиям с близким к нулю потреблением энергии

Kurnitski, Jarek Elamu 2018 / lk. 14-15 : fot; 36-37 : фото https://www.ester.ee/record=b1072137*est

Valmis uurimistöö Eesti kaugküttesektori CO2 jalajäljest [Võrguväljaanne]

keskkonnatehnika.ee 2021 "[Valmis uurimistöö Eesti kaugküttesektori CO2 jalajäljest](#)"

Vanast paneelmajast saab teadusliku katsega liginullenergiahoone

Käärt, Ulvar Horisont 2017 / lk. 32-35 : fot http://www.ester.ee/record=b1072243*est

Varpo Grupi ehitustehnoloogia käib juba 30 aastat oma ajast ees

kinnisvarauudised.ee 2023 [Varpo Grupi ehitustehnoloogia käib juba 30 aastat oma ajast ees](#)

Veebikonverents Säästlik Hoone annab 4,3 täiendõppepunkti [Võrguväljaanne]

ehitusuudised.ee 2021 "[Veebikonverents Säästlik Hoone annab 4,3 täiendõppepunkti](#)"

Vehicle energy management system: a survey

Maradey Lázaro, Jessica Gissella; Rincón Quintero, Arly Dario; Garrido Silva, Gianina; **Gilbert Zequera, Rolando Antonio** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227455>

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

Ventilation system design in three European geo cluster

Zemitis, Jurgis; Borodinecs, Anatolijs; Geikins, Aleksandrs; **Kalamees, Targo; Kuusk, Kalle** Energy procedia 2016 / p. 285-293 : ill
<https://doi.org/10.1016/j.egypro.2016.09.151>

What kind of heat loss requirements nZEB and deep renovation sets for building envelope?

Kalamees, Targo; Lupišek, Antonin; Sojkova, Katerina; **Kuusk, Kalle** CESB 16 - Central Europe Towards Sustainable Building 2016 : Innovations for Sustainable Future : [book of abstracts] 2016 / p. 55-56 : tab

What kind of heat loss requirements nZEB and deep renovation sets for building envelope? [Online resource]

Kalamees, Targo; Lupišek, Antonin; Sojkova, Katerina; **Kuusk, Kalle** CESB 16 - Central Europe Towards Sustainable Building 2016 : Innovations for Sustainable Future : [electronic proceedings] 2016 / p. 137-144 : ill

Window model and 5 year price data sensitivity to cost-effective facade solutions for office buildings in Estonia

Thalfeldt, Martin; Pikas, Ergo; Kurnitski, Jarek; Voll, Hendrik Energy 2017 / p. 685-697 : ill
<https://doi.org/10.1016/j.energy.2017.06.160>

Võrult oodatakse keerulisi probleeme targa linna ideekonkursile

Võrumaa Teataja 2023 / Lk. 4 <https://dea.digar.ee/article/vorumaateataja/2023/09/07/7.1>

Õhksoojuspump tuleks raha säästmise huvides infrapunapaneelide vastu välja vahetada – müüt või tõsilugu?

geenius.ee 2023 [Õhksoojuspump tuleks raha säästmise huvides infrapunapaneelide vastu välja vahetada – müüt või tõsilugu?](#)

Ärihoonete renoveerimine ei taga Eestis loodetud energiatõhusust

Uusen, Kaire Ehitaja 2021 / lk. 16-17 : fot https://www.ester.ee/record=b1072123*est
<https://www.ehitusuudised.ee/uudised/2021/08/02/uuring-arihoonete-renoveerimine-ei-tagaloodetud-energiatohusust>

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?](#)

Государство хочет, чтобы все частные дома были реновированы. Что это значит и откуда взять деньги? [Online resource]

Jõesaar, Tuuli delfi.ee 2022 ["Государство хочет, чтобы все частные дома были реновированы. Что это значит и откуда взять деньги?"](#)

Дом с нулевым энергопотреблением: смотрите, как надели „куртку“ на панельную пятиэтажку в Мустамяэ и сколько это стоит

rus.delfi.ee 2023 [Дом с нулевым энергопотреблением: смотрите, как надели „куртку“ на панельную пятиэтажку в Мустамяэ и сколько это стоит](#)

Застройщики мухлюют с энергоэффективностью зданий: добиваться правды придется в суде [Online resource]

Lees, Merike rus.postimees.ee 2022 [Застройщики мухлюют с энергоэффективностью зданий: добиваться правды придется в суде](#)

Игорь Крупенский: летом будут гуманные коммунальные платежи

Krupenski, Igor Stolitsa.ee 2023 [Игорь Крупенский: летом будут гуманные коммунальные платежи](#)

Половина эстоноземельцев живет в домах, отчаянно нуждающихся в реновации. Важно знать, что все работы лучше проводить за один раз!

Kurnitski, Jarek dekor.delfi.ee 2023 [Половина эстоноземельцев живет в домах, отчаянно нуждающихся в реновации. Важно знать, что все работы лучше проводить за один раз!](#)

Результаты реконструкции многоквартирных домов в Эстонии по схеме KredEx. Вентиляционные системы

Kurnitski, Jarek; Mikola, Alo abok.ru 2022 / 1 с. : ил https://www.abok.ru/for_spec/articles.php?nid=8035

Самая важная составляющая дома с почти нулевым энергопотреблением – осознанный жилец

rus.delfi.ee 2022 [Самая важная составляющая дома с почти нулевым энергопотреблением – осознанный жилец](#)

Самый важный компонент дома с почти нулевым энергопотреблением – осознанный жилец

rus.delfi.ee 2022 [Самый важный компонент дома с почти нулевым энергопотреблением – осознанный жилец](#)

Старые системы вентиляции усложняют реновацию многоквартирных домов

Dotšar, Iija rus.err.ee 2023 [Старые системы вентиляции усложняют реновацию многоквартирных домов](#)
<https://digikogu.taltech.ee/et/Item/55e3f98e-1a11-498e-98c5-3068a231e2d5> https://www.ester.ee/record=b5505006*est

Тезт-Андрус Кыйв: "Впереди нас ожидает серьезная задача по повышению энергоэффективности зданий" : [intervjuu energiasäästliku ehituse magistriõppekava loomisest TTÜs]

Kõiv, Teet-Andrus; Mäe, Kristo Строитель 2009 / 3, с. 32-34 : портр

Ученый: замененные десять лет назад окна в современных условиях никуда не годятся [Online resources]

Normet, Mart; Ert, Kirke rus.err.ee 2022 [Ученый: замененные десять лет назад окна в современных условиях никуда не годятся](#)

четыре простых возможности повысить энергоэффективность дома и сэкономить на коммунальных счетах

dekor.delfi.ee 2022 [4 простых возможности повысить энергоэффективность дома и сэкономить на коммунальных счетах](#)

Эксперт : девелоперы могут намеренно «улучшать» энергомаркировку новостроек [Online resource]

dv.ee 2022 [Эксперт: девелоперы могут намеренно «улучшать» энергомаркировку новостроек](#)

Эксперт ТТУ: старую многоэтажку целесообразнее реновировать, чем снести [Online resource]

Kirejeva, Irina rus.err.ee 2022 ["https://rus.err.ee/1608512288/jekspert-ttu-staruju-mnogojetazhku-celesoobraznee-renovirovat-chem-snesti"](https://rus.err.ee/1608512288/jekspert-ttu-staruju-mnogojetazhku-celesoobraznee-renovirovat-chem-snesti)

Энергетическая реновация типового бетонного жилого дома в Эстонии с использованием деревянного модульного элемента

Kalamees, Targo; Pihelo, Peep; Kuusk, Kalle Строительные материалы 2018 / с. 13–17 : илл <https://doi.org/10.31659/0585-430X-2018-764-10-13-17>

Энергоэффективность новостроек в Эстонии может оказаться сплошным обманом

Lees, Merike rus.postimees.ee 2022 [Энергоэффективность новостроек в Эстонии может оказаться сплошным обманом](#)

Эстонии не нравится предлагаемый Европой план реновации жилых домов

Dogatko, Irina Narvskaja Gazeta 2022 / с. 9 https://www.ester.ee/record=b1072648*est