Analysis of passive architectural roof cooling potential to decrease the cooling demand for Northern European Office buildings based on energy modelling and laboratory tests
Voll, Hendrik; **Seinre, Erkki**; **Sööt, Peet-Mati** WSEAS transactions on environment and development 2011 / p. 136-145 : ill
http://www.wseas.us/e-library/transactions/environment/2011/53-080.pdf

Building energy audit on example of office building
Soots, Georg 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. 119-122 : ill

The circadian rhythm of total volatile organic compounds, carbon dioxide, and formaldehyde concentrations and the physical parameters in rooms with and without air-related irritation symptoms
Castagnoli, Emmanuelle; Mikkola, Raimo; **Kurnitski, Jarek**; Salonen, Heidi 14th International Conference on Indoor Air Quality and Climate (Indoor Air 2016) : Ghent, Belgium, 3-8 July 2016. Vol. 5 2016 / p. 2803-2809 : ill

A comparative study on cooling period thermal comfort assessment in modern open office landscape in Estonia
Kiil, Martin; **Simson, Raimo**; **Thalfeldt, Martin**; **Kurnitski, Jarek** Atmosphere 2020 / art. 127, 21 p. : ill
https://doi.org/10.3390/atmos11020127 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Comparison of simplified and detailed window models in office building energy simulations
Thalfeldt, Martin; **Kurnitski, Jarek**; **Voll, Hendrik** Energy procedia 2015 / p. 2076-2081 : ill
http://dx.doi.org/10.1016/j.egypro.2015.11.235

Cooling demand and daylight in commercial buildings - the influence of window design
Voll, Hendrik; **Kõiv, Teet-Andrus** Energy Problems and Environmental Engineering : [proceedings of the 3rd WSEAS International Conference on ... EPESE'09, RES'09, WWAI'09] : Tenerife, Canary Islands, July 1-3, 2009 2009 / p. 65-70 : ill

Cost optimal and nearly zero energy building solutions for office buildings
Pikas, Ergo; **Thalfeldt, Martin**; **Kurnitski, Jarek** Energy and buildings 2014 / p. 30-42 : ill

Danish, Estonian and Finnish NZEB requirements comparison with European Commission recommendations for office buildings in Nordic and Oceanic climates
Simson, Raimo; **Arumägi, Endrik**; Thomsen, Kirsten Engelund; Wittchen, Kim Bjarne; **Kurnitski, Jarek** E3S Web Conferences : The 16th ROOMVENT Conference (ROOMVENT 2022) 2022 / art. 01017 https://doi.org/10.1051/e3sconf/202235601017 Conference proceedings at Scopus Article at Scopus

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

Development of a reduced order model of solar heat gains prediction
Tamm, Meril; Cid, Jordi Macia; Paramio, Roser Capdevila; Baulenas, Joan Farnos; **Thalfeldt, Martin**; **Kurnitski, Jarek** Energies 2020 / art. 6316, 17 p. : ill https://doi.org/10.3390/en13236316 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

DHW consumption in residential, educational and office buildings [Electronic resource]
Kõiv, Teet-Andrus; **Voll, Hendrik** Proceedings of Clima2010 10th Rehva World Congress "Sustainable Energy Use in Buildings" : Antalya, 9-12.05.2010 2010 / [8] p. [CD-ROM]

DHW design flow rates and consumption profiles in educational, office buildings and shopping centres
Kõiv, Teet-Andrus; **Mikola, Alo**; **Toode, Alvar** Smart grid and renewable energy 2013 / p. 287-296 : ill

DHW design flow rates in educational and office buildings
Kõiv, Teet-Andrus; **Hani, Allan**; **Toode, Alvar** Recent Researches in Environmental and Geological Sciences : proceedings of the 7th WSEAS International Conference on ... [EE'12, CM'12, WHH'12, GES'12] : Greece, July 14-17, 2012 2012 / p. 330-335 : ill
https://www.wseas.org/multimedia/journals/environment/2013/56-279.pdf

Domestic hot water consumption in educational and office buildings of Estonia
Kõiv, Teet-Andrus; **Voll, Hendrik** 10th Rehva World Congress "Sustainable Energy Use in Buildings" : Antalya, 9-12.05.2010 : [abstracts] 2010 / p. 437

Domestic hot water consumption in educational premises, apartment and office buildings

Kõiv, Teet-Andrus; **Voll, Hendrik**; **Hani, Allan** WSEAS transactions on environment and development 2010 / 1, p. 43-52 : ill

Energy consumption and indoor climate analysis of office buildings
Thalfeldt, Martin International journal of energy and environment 2010 / 4, p. 197-204 : ill

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

HVAC in sustainable office buildings : a bridge between owners and engineers
Hovorka, Frank; **Kurnitski, Jarek**; Litiu, Andrei 2012 https://books.google.ee/books/about/HVAC_in_Sustainable_Office_Buildings.html?id=JQOPwgEACAAJ&redir_esc=y

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

Improvement of workplace ergonomics in atrium-type buildings
Tint, Piia; **Hrenov, Georgi**; **Siirak, Virve**; **Traumann, Ada**; **Kritševskaja, Marina**; **Klauson, Deniss** Proceedings of the Latvian Academy of Sciences. Section B, Natural, exact, and applied sciences 2016 / p. 336-340 : ill https://doi.org/10.1515/prolas-2016-0051

Increasing natural daylight levels in atrium type buildings
Koppel, Tarmo; **Tint, Piia** 56th International Riga Technical University Conference "Scientific Conference on Economics and Entrepreneurship SCEE'2015" : proceedings 2015 / p. 154-155

Kuidas kavandada ja projekteerida madal- või liginullenergiahoonet? : [juhendmaterjali töögrupi juht Jarek Kurnitski TTÜst]
Kurnitski, Jarek Ehitaja 2013 / lk. 27-29

Kuidas välisvarjestusega (energiat) kokku hoida
Kurnitski, Jarek; **Thalfeldt, Martin** Inseneeria 2014 / lk. 20-21 : ill

Liginullenergiamajad - Euroopa ehituse tulevik
Kurnitski, Jarek Inseneeria 2013 / lk. 32-33 : ill

Machine learning-based optimization design workflow based on obstruction angles for building facades
Sepulveda Luque, Abel; **Eslamirad, Nasim**; **Seyed Salehi, Seyed Shahabaldin**; **Thalfeldt, Martin**; **De Luca, Francesco** Regenerating the City Performance-driven and Simulation-based Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe, Tallinn University of Technology, 15-16 June 2023 2023 / p. 15-24 https://digikogu.taltech.ee/et/Item/c29fc911-ec34-45da-afe6-bc1e8515e15d

Madal- ja liginullenergiahooned : büroohoonete põhilahendused eskiis- ja eelprojektis
Kurnitski, Jarek; **Thalfeldt, Martin**; **Kalamees, Targo**; **Voll, Hendrik**; **Uutar, Aivar**; **Rosin, Argo** 2013

Madalenergia büroohoone fassaadi majandusanalüüs
Thalfeldt, Martin; **Pikas, Ergo**; **Kurnitski, Jarek** Ehitaja 2015 / lk. 22-25 : ill

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

Maja : Eesti arhitektuuri ajakiri = Estonian architectural review
2010 https://www.ester.ee/record=b1348491*est

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

Microwave reflection properties of building materials in the working environment
Koppel, Tarmo; Haldre, Heldur 56th International Riga Technical University Conference "Scientific Conference on Economics and Entrepreneurship SCEE'2015" : proceedings 2015 / p. 148-150 : tab

Mustamäel täieneb Tehnopol
Ehitaja 2016 / lk. 24 : fot

Nearly zero energy office building without conventional heating
Thalfeldt, Martin; **Kurnitski, Jarek**; **Mikola, Alo** Estonian journal of engineering 2013 / p. 309-328 : ill

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 novel workflow for early design stages to ensure daylight and summer thermal comfort in buildings = Uudne töövoog projekteerimise algfaasis, et tagada päevavalgus ja suvine soojusmugavus hoonetes
Sepulveda Luque, Abel 2022 https://doi.org/10.23658/taltech.34/2022 https://digikogu.taltech.ee/et/Item/9d383d7b-f702-490a-a054-bbdbf238e402 https://www.ester.ee/record=b5503220*est

nZEB office building : Ympäristötalo in Helsinki, Finland
Kurnitski, Jarek The REHVA European HVAC journal 2012 / p. 44-49 : ill https://www.rehva.eu/rehva-journal/chapter/nzeb-office-building-ympaeristoetalo-in-helsinki-finland

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

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

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

Sisekliima ja tööviljakus : uuring võttis luubi alla koolid ja büroohooned : [raamatu "Sisekliima, õpitulemus, tööviljakus" tutvustus]
EhitusEST 2014 / lk. 46 : ill

Solar radiation-based method for early design stages to balance daylight and thermal comfort in office buildings
Sepulveda Luque, Abel; **Seyed Salehi, Seyed Shahabaldin**; **De Luca, Francesco**; **Thalfeldt, Martin** Frontiers of architectural research 2023 https://doi.org/10.1016/j.foar.2023.07.001

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

The computer workers' working conditions influencing the health in modern buildings
Tint, Piia; **Karai, Deniss**; Oha, Kristel; **Koppel, Tarmo**; **Tuulik-Leisi, Varje-Riin**; **Tuulik, Viiu**; **Meigas, Kalju** Intelligent Technologies in Logistics and Mechatronics Systems ITELMS'2013 : proceedings of the 8th international conference 2013 / p. 247-253 : ill

The preliminary research of sea water district heating and cooling for Tallinn coastal area
Hani, Allan; **Kõiv, Teet-Andrus** Smart grid and renewable energy 2012 / p. 246-252 : ill
https://www.scirp.org/pdf/sgre20120300011_19171139.pdf

The working conditions of office-workers in modern buildings
Tint, Piia; **Karai, Deniss**; Oha, Kristel; **Koppel, Tarmo**; **Tuulik-Leisi, Varje-Riin**; **Tuulik, Viiu**; **Meigas, Kalju** Human factors : sustainable life and mobility : October 16-18, 2013, Torino, Italy : programme, abstracts book 2013 / p. [64]

Thermal comfort and draught assessment in a modern open office building in Tallinn
Kiil, Martin; **Mikola, Alo**; **Thalfeldt, Martin**; **Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 2019 / art. 02013, 7 p. : ill https://doi.org/10.1051/e3sconf/201911102013 Conference proceedings at Scopus Article at Scopus

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/i/?4068

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

Uusi büroohooneid ehitatakse kapitaalselt ümber
Kalamees, Targo EhitusEST 2023 / lk. 28-29 : fot https://www.ester.ee/record=b4442657*est

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

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-taga-loodetud-energiatohusust