

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

Air leakage of joints filled with polyurethane foam

Hallik, Jaanus; Gustavson, Heleen; Kalamees, Targo Buildings 2019 / art. 172, 15 p. : ill <https://doi.org/10.3390/buildings9070172>

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

Air leakages in air handling units with rotary heat exchanger : estimating extract air transfer to supply air flow

Simson, Raimo; Võsa, Karl-Villem; Kiil, Martin; Mikola, Alo; Kurnitski, Jarek Healthy Buildings America 2021, Honolulu, Hawaii,

USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill [https://hb2021-](https://hb2021-america.exordo.com/files/papers/309/final_draft/HB2021_AHU_air_leakages.pdf)

[america.exordo.com/files/papers/309/final_draft/HB2021_AHU_air_leakages.pdf](https://hb2021-america.exordo.com/files/papers/309/final_draft/HB2021_AHU_air_leakages.pdf)

Airtightness and thermal bridges of 32 lightweight detached houses

Kalamees, Targo; Sasi, Lennart; Öiger, Karl IEA-Annex 41 MOIST-ENG working meeting : Trondheim, Norway, 26-28 October

2005 2005 / [10] p

An experimental study of the effect of particles on the shear stress in particulate turbulent pipe flow

Kartušinski, Aleksander; Mulgi, Anatoli; Tisler, Sergei; Michaelides, Efsthathios Proceedings of the Estonian Academy of Sciences.

Engineering 2005 / 2, p. 161-168 : ill

Antropogeenne mõju õhusamba läbipaistvusele Eestis 1932-2010

Neiman, Lennart; Ohvril, Hanno; Russak, Viivi; **Kallis, Ain** Uurimusi Eesti kliimast = Studies on climate of Estonia 2011 / lk. 160-178 :

ill

Assessment of SARS-CoV-2 transmission in room with mixing ventilation using CO2 tracer gas technique

Simson, Raimo; Kiil, Martin; Võsa, Karl-Villem; Kesküll, Andre; Kurnitski, Jarek Healthy Buildings America 2021, Honolulu,

Hawaii, USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill [https://hb2021-](https://hb2021-america.exordo.com/files/papers/397/final_draft/HB2021_SARS-CoV-2_infection_risk.pdf)

[america.exordo.com/files/papers/397/final_draft/HB2021_SARS-CoV-2_infection_risk.pdf](https://hb2021-america.exordo.com/files/papers/397/final_draft/HB2021_SARS-CoV-2_infection_risk.pdf)

Chemical risk assessment in the air of the work environment in manufacturing

Paas, Önnela; Traumann, Ada; Tint, Piia Hazards AP : The First Hazards Asia Pacific Symposium, 27-29 September 2011, Kuala

Lumpur, Malaysia 2011 / 4 p

Chemical risk assessment in the air of the work environment in manufacturing

Traumann, Ada; Tint, Piia 8th European Congress of Chemical Engineering, September 25-29, 2011, Berlin, Germany : abstracts

of posters of ECCE 2011

Chemicals in the air of the work environment and health risks

Reinhold, Karin; Tint, Piia Medical and health science journal : MHSJ 2010 / p. 1-9

Contribution of atmospheric teleconnections in regional wave climate variability based on EOF application : Baltic Sea case

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo American Geophysical Union, Fall Meeting 2020 2020 /

abstract <https://ui.adsabs.harvard.edu/#abs/2020AGUFMOS0470002N/abstract>

Coronavirus disease 2019 and airborne transmission : science rejected, lives lost. Can society do better?

Morawska, Lidia; Bahnfleth, William; Bluysen, Philomena M.; Boerstra, Atze; Buonanno, Giorgio; Dancer, Stephanie J.; Floto,

Andres; Franchimon, Francesco; Haworth, Charles; Hogeling, Jaap; Isaxon, Christina; Jimenez, Jose L.; **Kurnitski, Jarek** Clinical

infectious diseases 2023 / p. 1854 - 1859 <https://doi.org/10.1093/cid/ciad068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

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

Corrigendum to "New dose-response model and SARS-CoV-2 quantal emission rates for calculating the long-range airborne infection risk" [Build. Environ. 228 (2023) 109924] (S0360132322011544), (10.1016/j.buildenv.2022.109924)

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek;** Wargocki, Pawel Building and environment 2024 / art. 111494, 1 p

<https://doi.org/10.1016/j.buildenv.2024.111494> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of airtightness of Estonian wooden buildings

Hallik, Jaanus; Kalamees, Targo Journal of sustainable architecture and civil engineering 2019 / p. 36-43 : ill

<https://doi.org/10.5755/j01.sace.24.1.23231>

Development of airtightness of Estonian wooden buildings : [conference paper]

Hallik, Jaanus; Kalamees, Targo Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn] 2019 / p. 46-

47 : ill https://www.ester.ee/record=b5197207*est

Development of point of care applications for capillary electrophoresis = Sündmuskohal läbiviidavate

kapillaarelektroforeetiliste ekspressanalüüside arendamine
Kobrin, Eeva-Gerda 2016 https://www.ester.ee/record=b4640579*est

Downward continuation of airborne gravity data using high-resolution global geopotential models

Ellmann, Artu The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III 2011 / p. 1315-1320 : ill
https://www.researchgate.net/publication/228764575_Downward_continuation_of_airborne_gravity_data_using_highresolution_global_geopotential_models

Dynamic processes of air-water flows in urban water systems = Õhu ja vee koosvoolamise dünaamilised protsessid linna veesüsteemides

Kaur, Katrin 2022 <https://doi.org/10.23658/taltech.68/2022> <https://digikogu.taltech.ee/et/Item/0a655a67-74aa-457e-8640-e7b3ab212695>
https://www.ester.ee/record=b5527832*est

Experimental investigation on rapid filling of a large-scale pipeline

Hou, Qingzhi; Tijsseling, Arris S.; **Laanearu, Janek; Annus, Ivar; Koppel, Tiit** Journal of hydraulic engineering 2014 / art. 04014053, p. 1-14 : ill [https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0000914](https://doi.org/10.1061/(ASCE)HY.1943-7900.0000914) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental investigation on rapid filling of a large-scale pipeline

Hou, Qingzhi; Tijsseling, Arris S.; **Laanearu, Janek; Annus, Ivar; Koppel, Tiit** 2013

Flow of air and particles mixture in a desintegrator

Tümanok, Aleksei; Tamm, Jaan; Roes, Andrus Eesti Teaduste Akadeemia Toimetised. Füüsika. Matemaatika 1994 / 4, lk. 280-292: ill

Foranstaltninger imod luftbåren transmission af smitsomme sygdomme

Wargocki, Paweł; Melikov, Arsen Kriko; Bivolarova, Mariya; Nielsen, Peter V.; Heiselberg, Per; Afshari, Alireza; Zhang, Chen; Schild, Peter G.; Gao, Guangyu; **Kurnitski, Jarek** HVAC magasinet : magasin for klima- & energiteknik, miljø, bygningsinstallationer & -netværk 2020 / p. 10-12 <https://ipaper.ipapercms.dk/TechMedia/HVACMagasinet/2020/6/?page=10#/>

Free cooling potential of an airside economizer in Estonia

Palmiste, Ülar; Voll, Hendrik Science and technology for the built environment 2016 / p. 951-959 : ill
<https://doi.org/10.1080/23744731.2016.1195661> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Generating air bubbles for wastewater purification, flotation and gas dissolving process

Roosimölder, Lembit OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 175-181: ill

Generating air bubbles in crossflow aerators with grinded rings

Roosimölder, Lembit; Enok, Mart Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 61-64 : ill

Heat, air and moisture transfer terminology : parameters and concepts

Radu, A.; Barreira, E.; **Kalamees, Targo** 2012
https://www.researchgate.net/publication/257183156_Heat_air_and_moisture_transfer_terminology_-_parameters_and_concepts

Hoonepiirete õhupidavus

Kalamees, Targo Keskkonnatehnika 2006 / 2, lk. 35-37 https://artiklid.elnet.ee/record=b1018996*est

Impact of weft yarn density and core-yarn fibre composition on tensile properties, abrasion resistance and air permeability of denim fabrics

Mandre, Nele; Plamus, Tiia; Krumme, Andres Materials science 2021 / p. 483-491 : ill <https://doi.org/10.5755/j02.ms.27532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Indoor air quality in industrial premises

Reinhold, Karin; Tint, Piia; Munter, Rein Scientific proceedings of Riga Technical University. Serija 1, Material science and applied chemistry 2009 / p. 48-57

It is time to address airborne transmission of COVID-19

Morawska, Lidia; Milton, Donald K. Clinical infectious diseases 2020 / p. 2311-2313 <https://doi.org/10.1093/cid/ciaa939>

Karja altariruum sai uue näo [Võrguväljaanne]

Liimets, Kätlin Eesti Kirik 2021 / Lk. 4 ["Karja altariruum sai uue näo"](#)

Kust tulevad pilved ja miks on rünkpilvede alumine äär sirge?

Kalda, Jaan postimees.ee 2023 [Kust tulevad pilved ja miks on rünpilvede alumine äär sirge?](#)

Modelling the air jet massage process

Martin, Andres; Neve, R.; **Reedik, Vello** 4th IFAC Symposium Modelling and Control in Biomedical Systems 2000 / p. 161-168
<https://www.sciencedirect.com/science/article/pii/S1474667017355027>

Moisture convection performance of wall and attic floor joint

Kalamees, Targo; **Kurnitski, Jarek** Proceedings of the 8th Symposium on Building Physics in the Nordic Countries : Copenhagen, Denmark, June 16-18, 2008. 2 2008 / p. 777-784
https://www.researchgate.net/publication/228777811_Moisture_convection_performance_of_wall_and_attic_floor_joint

Moisture convection performance on the joint of external wall and attic floor - laboratory tests and two-dimensional simulation model validation : [abstract] [Electronic resource]

Kalamees, Targo; **Kurnitski, Jarek** Proceedings of Clima 2007 WellBeing Indoors : 10-14 June 2007, Helsinki, Finland 2007 / p. 286 [CD-ROM]
https://www.researchgate.net/publication/228890901_Moisture_convection_performance_on_the_joint_of_external_wall_and_attic_floor-laboratory_tests_and_two-dimensional_simulation_model_validation

Moisture convection performance on the joint of external wall and attic floor - laboratory tests and two-dimensional simulation model validation [Electronic resource]

Kalamees, Targo; **Kurnitski, Jarek** Proceedings of Clima 2007 WellBeing Indoors : 10-14 June 2007, Helsinki, Finland 2007 / [CD-ROM] https://www.researchgate.net/publication/228890901_Moisture_convection_performance_on_the_joint_of_external_wall_and_attic_floor-laboratory_tests_and_two-dimensional_simulation_model_validation

Muutuv keskkond ja tervis

Seepõld, Marit; Santti, Risto 1996 https://www.ester.ee/record=b1056256*est

New dose-response model and SARS-CoV-2 quanta emission rates for calculating the long-range airborne infection risk

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Building and environment 2023 / art. 109924, 13 p. : ill
<https://doi.org/10.1016/j.buildenv.2022.109924> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nõudkem puhast õhku

Kurnitski, Jarek Postimees 2021 / Lk. 12 <https://dea.digar.ee/article/postimees/2021/05/17/13.4>

Research of air massage devices

Kristjuhan, Ülo; **Martin, Andres**; Neve, R.S.; **Reedik, Vello**; **Tähemaa, Toivo** Socio-technical synergetics 2024 / p. 29-31 : ill
https://www.ester.ee/record=b5651350*est

Semi-empirical method for estimation of energy losses in a large-scale pipeline

Laanearu, Janek; **Annus, Ivar**; **Sergejeva, Monika**; **Koppel, Tiit** Procedia engineering 2014 / p. 969-977 : ill
<https://doi.org/10.1016/j.proeng.2014.02.108> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Study of demand side management of variable air volume ventilation system

Maask, Vahur 19th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tartu, Estonia, January 14-17, 2020 2020 / p. 185-186 : ill https://www.ester.ee/record=b5291755*est

Uus tehnoloogia eemaldab vees ja õhus olevaid saasteaineid palju tõhusamalt [Võrguväljaanne]

toostusuudised.ee 2021 ["Uus tehnoloogia eemaldab vees ja õhus olevaid saasteaineid palju tõhusamalt"](#)

Vee ja õhu mahtuvuse määramisest muldades Kopecky-Lippmaa meetodil

Pärna, K. Eesti Loodus 1937 / lk. 147-150 : fot

Õhu reguleerimisest biokütuste respõletamisel

Veski, Ants; **Tiikma, Toomas**; **Borovikov, Vitali** Taastuvate energiaallikate uurimine ja kasutamine : kolmanda konverentsi kogumik : [1. november 2001, Tartu] 2002 / lk. 134-141 : ill

Õhulekked tehases toodetud puitmajas

Kalbe, Kristo EhitusEST 2021 / lk. 22-23 : ill https://www.ester.ee/record=b4442657*est <https://ehitusest.ee/uudis/2021/03/23/ohulekked-tehases-toodetud-puitmajas/>

Õhulekked tehases toodetud puitmajas ja nende vältimine

Kalbe, Kristo Ehitaja 2021 / lk. 40-42 : fot https://www.ester.ee/record=b1072123*est
<https://www.ehitusuudised.ee/uudised/2021/04/15/kuidas-valtida-ohulekkeid-tehases-toodetud-puitmajas>

Õhulossid

Dovydenas, Vytas; **Rattus, Harry** Horisont 1974 / lk. 12-13 : ill https://www.ester.ee/record=b1072243*est
<https://www.digar.ee/arhiiv/et/periodika/69736>

Õhusamba niiskussisalduse erinevate määramisviiside võrdlus

Keernik, Hannes; Ohvri, Hanno; Jakobson, Erko; **Rannat, Kalev**; Luhamaa, Andres Uurimusi Eesti kliimast = Studies on climate of Estonia 2011 / lk. 179-194 : ill

Изменение температуры приточного воздуха в воздуховоде

Bezdetkina, Elmira Известия высших учебных заведений. Строительство и архитектура 1976 / с. 143-146

https://www.ester.ee/record=b3249097*est

K вопросу о проявлении аммиака в рудничной атмосфере

Pihlak, Arno-Toomas Вопросы эффективности труда и производства в промышленности Эстонской ССР 1977 / с. 109-117 :

илл https://www.ester.ee/record=b1310573*est <https://digikogu.taltech.ee/et/Item/740a1f1f-61af-497a-a502-d5c77e7f2eb9>

K определению электрической прочности стеклянных изоляторов в сжатом воздухе

Annus, Aleksander; Metusala, Tiit; Oidram, Rein Тезисы рабочего совещания IV секции Научного Совета по теоретическим и электрофизическим проблемам повышения надежности и долговечности изоляции сетей с изолированной нейтралью 1981 / с. 70-74 https://www.ester.ee/record=b1326763*est

Кинетика коррозии жаропрочных сталей 12X18H12T и ДИ-59 в воздухе

Prikk, Arvi; Bojarinova, Tatjana Tallinna Tehnikaülikooli Toimetised 1990 / lk. 14-20: ill

Кумулятивное определение двуокиси серы и фторидов в атмосферном воздухе

Liiv, Reet; **Ott, Roman**; Luiga, Peeter; Pikkov, Valentin Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1974 / с. 208-213 https://www.ester.ee/record=b1264554*es
<https://www.etera.ee/zoom/18995/view?page=1&p=separate&tool=info>

О влиянии температуры наддувочного воздуха на параметры рабочего процесса судового двигателя

Ivanov, A.M.; Murel, Peeter Сборник научных трудов студентов. 4 1965 / с. 103-108 : илл https://www.ester.ee/record=b2181987*est
<https://digikogu.taltech.ee/et/Item/15040af2-b264-4339-b7b1-c0140de7d1c1>

Об эффективности промежуточного охлаждения воздуха в судовых дизелях

Murel, Peeter Судовые силовые установки и судостроение : сборник статей. [1] 1961 / с. 3-14 : илл

https://www.ester.ee/record=b2181440*est <https://digikogu.taltech.ee/et/Item/97a164bf-01bd-43f0-a091-986396e39e2d>

Определение содержания ртути в воздухе и осадках

Ott, Roman; Vellend, Endla Международная конференция Физические аспекты загрязнения атмосферы (18-20 июня 1974 г.) : тезисы докладов = Tarptautinė konferencija Atmosferos užteršimų fizikiniai pagrindai (1974 m. birželio 18-20) : pranėimų tezės = Internationale Konferenz Physikalische Aspekte der Verundereinigungen der Atmosphäre (18-20 Juni 1974) : Thesen der Vorträge 1974 / с. 34-35 https://www.ester.ee/record=b2485764*est

Применение лантан-ализарин-комплекса при колориметрическом определении фторида в воздухе и глинах

Luiga, Peeter; Liiv, R.; Ott, Roman; Siirde, Aino; Help, Kalju Процессы и аппараты химической технологии и технология неорганических веществ. 5 1974 / с. 63-74 : илл https://www.ester.ee/record=b1531723*est <https://digikogu.taltech.ee/et/Item/438b60cb-3265-444e-adba-b3c2c222f12a>

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

Ученые бьют тревогу: из-за плохого воздуха в Таллинне умирают сотни человек в год [Online resource]

Avdejeva, Oksana rus.delfi.ee 2022 [Ученые бьют тревогу: из-за плохого воздуха в Таллинне умирают сотни человек в год](#)

Электрическая прочность стекла в воздухе

Metusala, Tiit; Oidram, Rein; Tarupere, Olev; Annus, Aleksander Сборник докладов V-ой национальной научно-технической конференций с международным участием "Элизоткабель 82" 1982 / [?]

Эффективная теплопроводность графитовой пыли в среде гелия и воздуха

Jõger, V.; Kruus, Rein; Käär, Harri Исследование работы парогенераторов электростанций 1988 / с. 22-31