

Ants Vill: Eesti idufirmad vajavad tugevat toetust ja tugevat fookust

Vill, Ants Trialoog 2025 <https://trialoog.taltech.ee/ants-vill-eesti-idufirmad-vajavad-tugevat-toetust-ja-tugevat-fookust/>

Compact smart home systems : design and verification of cost effective hardware solutions

Kuusik, Alar 2001 http://www.estar.ee/record=b1578112*est

Compact smart home systems : design and verification of cost effective hardware solutions

Kuusik, Alar 2001 http://www.estar.ee/record=b1622134*est

Day-ahead scheduling of electric vehicles and electrical storage systems in smart homes using a novel decision vector and AHP method

Alilou, Masoud; Gharehpetian, Gevork B.; **Ahmadihangar, Roya; Rosin, Argo**; Anvari-Moghaddam, Amjad Sustainability (Switzerland) 2022 / Art. 11773 <https://doi.org/10.3390/su141811773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decision-making method for sound volume control in the 'Smart House' system

Hovorushchenko, Tetiana; Aleksov, Serhii; **Boyarchuk, Artem** 2024 IEEE 19th International Conference on Computer Science and Information Technologies (CSIT) : proceedings, 16-19 October 2024, Lviv, Ukraine 2024 / 4 p. <https://doi.org/10.1109/CSIT65290.2024.10982549> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Eesti iduettevõtte töötas koos TalTechiga välja rahakotisõbraliku lahenduse, mis muudab energia säästmise lihtsamaks nii elu- kui ärihoonetes

geenius.ee 2023 [Eesti iduettevõtte töötas koos TalTechiga välja rahakotisõbraliku lahenduse, mis muudab energia säästmise lihtsamaks nii elu- kui ärihoonetes](#)

Eesti tehisaru teadlased: tulevikus «mõistab» maja elaniku mõtteid ja soove

postimees.ee 2024 <https://teadus.postimees.ee/8099095/eesti-tehisaru-teadlased-tulevikus-moistab-maja-elaniku-motteid-ja-soove>

Energiatarbimise juhtimisel on tarkades majades kande roll

Rosin, Argo Inseneeria 2014 / lk. 18-19 : ill https://artiklid.elnet.ee/record=b2672914*est

Engineering approach for realization of small smart home systems

Kuusik, Alar Preprints [of the] 1st IFAC Conference [on] Telematics Applications in Automation and Robotics : TA'2001 : Weingarten, Germany, July 24-26, 2001 2001 / p. 499-503 : ill <https://www.sciencedirect.com/science/article/pii/S1474667017417393>

The European Smart Readiness Indicator (SRI) for buildings - in the making, get involved!

Litiu, Andrei; Derjanecz, Anita; **Kurnitski, Jarek** The REHVA European HVAC journal 2018 / p. 47-52 : ill <https://www.rehva.eu/rehva-journal/detail/06-2018>

Experimental prototype of high-efficiency wind turbine based on Magnus effect

Lukin, Aleksandr; Demidova, Galina; Lukichev, Dmitry; Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 6 p <https://doi.org/10.1109/IWED48848.2020.9069565>

Intelligentne maja : olemus ja eesmärgid

Kuusik, Alar Raadiotehnika '97 : ettekannete materjalid 1997 / lk. 65-68: ill

Introduction

Kurnitski, Jarek Cost Optimal and Nearly Zero-Energy Buildings (nZEB) 2015 / p. 1-5 https://doi.org/10.1007/978-1-4471-5610-9_1 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Kodumaatikasüsteemid X10 ja PLC-BUS

Kanarbik, Andrus Keskkonnatehnika 2012 / lk. 25

Liginullenergiahooned täna ja homme : artiklite kogumik

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

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.estar.ee/record=b5501867*est

Performance analysis of protection methods in residential DC microgrids

Jalakas, Tanel; Banavath, Satish Naik; Chub, Andrii; Roasto, Indrek; Vinnikov, Dmitri 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227388>

Postiteenus Napoleonist tänapäevani ehk kas arvuti paneb ikka sauna kütte
Sinivee, Veljo Arvutikasutaja 2003 / 1, lk. 9-11 : ill

Practical demand side management and demand response in large scale buildings with multiple case studies
Köse, Ahmet; Sukhanov, Ivan; Maivel, Mikk; **Tepljakov, Aleksei; Hokmabad, Hossein Nourollahi; Petlenkov, Eduard** 2024 20th International Conference on the European Energy Market (EEM) 2024 / 5 p <https://doi.org/10.1109/EEM60825.2024.10608965>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Practical demand side management: one day case study
Köse, Ahmet; Hokmabad, Hossein Nourollahi; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 36-42 <https://www.proceedings.com/content/070/070278webtoc.pdf>

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](#)

Semantic formal reasoning solution for personalized home telecare
Kuusik, Alar; Reilent, Enar; Lõõbas, Ivor; Parve, Marko Proceedings of 2010 International Conference on Mechanical and Electrical Technology (ICMET 2010) : Singapore, September 10-12, 2010 2010 / p. 72-76 <https://ieeexplore.ieee.org/document/5598496>

SOC at smart home realizations
Kuusik, Alar Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 121-122

Software architecture for modern telehealth care systems
Kuusik, Alar; Reilent, Enar; Lõõbas, Ivor; Parve, Marko Advances on information sciences and service sciences 2011 / p. 141-151

Software architecture for modern telehome care systems
Kuusik, Alar; Reilent, Enar; Lõõbas, Ivor; Parve, Marko Proceedings of the 6th International Conference on Networked Computing (INC 2010) : Gyeongju, Korea, May 11-13, 2010 2010 / p. 326-331 : ill <https://ieeexplore.ieee.org/document/5484807>

State-of-the-art activity recognition and prediction techniques applicable to the home energy management system
Hokmabad, Hossein Nourollahi; **Belikov, Juri; Husev, Oleksandr; Vinnikov, Dmitri** 2022 IEEE 7th International Energy Conference (ENERGYCON) 2022 / art. 181231 : ill <https://doi.org/10.1109/ENERGYCON53164.2022.9830154>

A study into elevator passenger in-cabin behaviour on a smart-elevator platform
Robal, Tarmo; Basov, Kevin; Reinsalu, Uljana; Leier, Mairo Baltic Journal of Modern Computing 2022 / p. 665-688 : ill
<https://doi.org/10.22364/bjmc.2022.10.4.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Talotekniikalla ja automaatiolla viihtyisyyttä ja energiansäästöä
Heilä, Sampsa RIA 2014 / s. 6-12 : kuv

Tulevasi elektriinsenere ootab ees avar tööpõld
Alvela, Ain TööstusEST 2023 / lk. 26-27 https://www.ester.ee/record=b4481084*est

Wireless sensor network for kitchen automation
Vu, Trieu Minh 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. 51-54 : ill http://www.ester.ee/record=b4650094*est