

Aeglasekäiguline otsetoimeline püsimagnetgeneraator tuuleagregaatidele

Kallaste, Ants; Vaimann, Toomas; Pabut, Ott Taastuvate energiaallikate uurimine ja kasutamine : neljateistkümnenda konverentsi kogumik = Investigation and Usage of Renewable Energy Sources : fourteenth conference proceedings : [8. nov. 2012, Tartu] 2012 / lk. 68-77 : ill

Air-gap eccentricity analysis of slow-speed slotless permanent magnet synchronous generator

Kangro, Rait; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 225-228 : ill

Analysis of possibilities to integrate wind turbines into Estonian power system

Liik, Olev; Landsberg, Mart; Oidram, Rein Scientific proceedings of Riga Technical University. 4. [series], Power and electrical engineering 2003 / p. 196-203

Analysis of the eccentricity in a low-speed slotless permanent-magnet wind generator

Kallaste, Ants; Belahcen, Anouar; Kilk, Aleksander; Vaimann, Toomas PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 47-52 : ill
<https://ieeexplore.ieee.org/document/6256199>

Analysis of the local and global forces acting on the coil structure of a modular slotless permanent magnet generator

Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar; Shams Ghahfarokhi, Payam; Rassõlkin, Anton Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2019 / p. 9-14 : ill <https://doi.org/10.2478/ecce-2019-0002>

Argo Rosin: kas rohepööre või rohepöörasus? [Võrguväljaanne]

Rosin, Argo postimees.ee 2021 ["Argo Rosin: kas rohepööre või rohepöörasus?"](https://postimees.ee/2021/05/18/argo-rosin-kas-rohepoore-voi-rohepoorasus/)

Betzi piirile lähemale

Strandberg, Marek Inseneeria 2014 / lk. 34-37 : fot https://artiklid.elnet.ee/record=b2678374*est

Characterization of the applied materials for floating offshore wind turbine members: A review on the current state

Wijaya, Muhammad Rizky Arga; Adiputra, Ristiyanto; Aditya Rio, Prabowo; **Putranto, Teguh**; Smaradhana, Dharu Feby Procedia Structural Integrity, vol 37 2023 / p. 41-49 : ill <https://doi.org/10.1016/j.prostr.2023.07.108> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Comparative study of slow-speed slotless synchronous generator using SmCo and NdFeB permanent magnets

Korn, Norman; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 247-250 : ill

Comparison of flux-switching and interior permanent magnet synchronous generators for direct-driven wind applications based on nelder–mead optimal designing

Prakht, Vladimir; Dmitrievskii, Vladimir; Kazakbaev, Vadim; **Andriushchenko, Ekaterina** Mathematics 2021 / art. 732
<https://doi.org/10.3390/math9070732> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of interface converter topologies for small- or medium-power wind-hydrogen systems

Andrijanovič, Anna; Vinnikov, Dmitri; Hõimoja, Hardi; Klytta, Marius 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 122-127 : ill

Co-operation of Estonia's oil shale based power system with wind turbines

Liik, Olev; Oidram, Rein; Keel, Matti; Ojangu, Jaanus; Landsberg, Mart; Dorovatovski, Nikolai Oil shale 2005 / 2S, p. 127-142 : ill https://artiklid.elnet.ee/record=b2346707*est

Co-operation of wind generators with fossil power plants : problems and gains

Liik, Olev; Oidram, Rein; Keel, Matti; Landsberg, Mart Proc. of Nord Wind Power Conference : Cothenburg, 2004 2004 / [6] p

Cost efficiency analysis of slow-speed slotless permanent magnet synchronous generator using different magnetic materials

Laurit, Sten; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 221-224 : ill

Decentralized privacy-preserving operation of multi-area integrated electricity and natural gas systems with renewable energy resources

Qi, Feng; Shahidehpour, Mohammad; **Wen, Fushuan**; Li, Zhiyi; He, Yubin; Yan, Mingyu IEEE Transactions on sustainable energy 2020 / p. 1785-1796 <https://doi.org/10.1109/TSTE.2019.2940624>

Demagnetization on permanent magnet machine with Halbach array

Kallaste, Ants; Belahcen, Anouar; Kilk, Aleksander 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 / p. 81-84 : ill

Design and optimization of permanent magnet generator with outer rotor for wind turbine application = Tuuleagregaadis kasutatava välisrootoriga püsimgenetgeneraatori projekteerimine ja optimeerimine

Kudrjartsev, Oleg 2017 <https://digi.lib.ttu.ee/ii/?7662> https://www.ester.ee/record=b4671603*est

Design of slow-speed slotless SmCo permanent magnet synchronous generator for wind applications

Vaimann, Toomas; Kallaste, Ants; Korn, Norman; Laurit, Sten; Belahcen, Anouar Proceedings : 2014 15th International Scientific Conference on Electric Power Engineering (EPE) 2014 / p. 339-342 : ill

Design of the laboratory wind generator, driven by a windwheel with four sails

Heinloo, Mati; Allas, Jaanus; Salum, Mado; Tiit, Valdur International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 28-31 : ill

Digital twin of wind generator to simulate different turbine characteristics using IoT

Raja, Hadi Ashraf; Kudelina, Karolina; Rjabtšikov, Viktor; Vaimann, Toomas; Kallaste, Ants; Pomarnacki, Raimondas; Hyunh, Van Khang Proceedings of the Future Technologies Conference (FTC) 2023. Vol. 1 2023 / p. 123-132 https://doi.org/10.1007/978-3-031-47454-5_9 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dimensioning of electricity storage according to small wind turbine power generation and household load patterns

Rosin, Argo; Palu, Ivo; Rosin, Kai; Auväär, Aivar IECON 2012 : 38th Annual Conference of the IEEE Industrial Electronics Society : Industrial Electronics for Sustainable Development 2012 / p. 5173-5178 : ill

https://www.researchgate.net/publication/261124704_Dimensioning_of_electricity_storage_according_to_small_wind_turbine_power_generation_and_household_load_patterns

Effect of PM parameters variability on the operation quantities of a wind generator

Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas 2015 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings : Castello del Valentino, Torino, Italy, 26-27 March, 2015 / p. 242-247 : ill
<http://dx.doi.org/10.1109/WEMDCD.2015.7194536>

Elektrituulikud. Osa 21, Elektrivõrguga ühendatud elektrituulikute elektri kvaliteedi näitajate mõõtmine ja hindamine = Wind turbines. Part 21, Measurement and assessment of power quality characteristics of grid connected wind turbines (IEC 61400-21:2008)

2010 https://www.ester.ee/record=b4274376*est

Elektrituulikute ühendamisest Eesti energiasüsteemi

Palu, Ivo Keskkonnatehnika 2005 / 8, lk. 36-38 : ill https://artiklid.elnet.ee/record=b2055147*est

Eleoni tuulikud võiksid levida kogu maailmas

Järvi, Jaan Virumaa tuulepargid Põhjarannik 2019 / lk. 2

Emeriitprofessor kiidab Sõnajalgade tuulikuid : alguses olin mina ka skeptiline [Elektrooniline teavik]

Järvi, Jaan ärileht.ee 2019 / [3] l. : ill <https://arileht.delfi.ee/news/uudised/emeriitprofessor-kiidab-sonajalgade-tuulikuid-alguses-olin-mina-ka-skeptiline?id=86180313>

Esimesed Eestis väljatöötatud väikese võimsusega tuulegeneraatorid : [TTÜ ja AS Volta koostöös]

Järvi, Jaan; Kilk, Aleksander; Kesküla, Viktor; Kallaste, Ants Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 261-268

Esimesed Eestis väljatöötatud väiketulegeneraatorid

Järvi, Jaan; Kilk, Aleksander; Kesküla, Viktor; Reivik, Aivar; Oorn, Arvo Elektriala 2005 / 5, lk. 9-11 : ill

Experimental analysis of wide input voltage range qZS-derived push-pull DC/DC converter for PMSG-based wind turbines

Blinov, Andrei; Vinnikov, Dmitri; Husev, Oleksandr; Chub, Andrii PCIM Europe 2013 : International Exhibition and Conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management, Nuremberg, 14.-16. May 2013 : proceedings 2013 / p. 1435-1444 : ill

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 / 6 p <https://doi.org/10.1109/IWED48848.2020.9069565>

Exploring the limits of early predictive maintenance in wind turbines applying an anomaly detection technique

Jankauskas, Mindaugas; Serackis, Artūras; Šapurov, Martynas; Pomarnacki, Raimondas; Baskys, Algirdas; Hyunh, Van Khang; Vaimann, Toomas; Zakis, Janis Sensors 2023 / art. 5695 <https://doi.org/10.3390/s23125695> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Feasibility study of energy supply in deep North Regions: the case study of Yakutia remote community (Russia)

Trashchenkov, Sergei; **Astapov, Victor; Kull, Karl** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärda, Estonia, June 12-15, 2019 : proceedings 2019 / 6 p. : ill <https://doi.org/10.1109/PQ.2019.8818238>

Front-end active rectifier for grid-connected PMSG based wind turbines

Husev, Oleksandr; Bisenieks, Lauris; **Vinnikov, Dmitri** Вісник Чернігівського державного технологічного університету. Серія "Технічні науки" = Journal of Chernigiv State Technological University 2011 / p. 132-138 : ill

Generative design in development of mechanical components for Magnus effect-based wind turbine

Lukin, Aleksandr; Perepelkina, Svetlana; Demidova, Galina; Lukichev, Dmitry; **Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants** 2020 XI International Conference on Electrical Power Drive Systems (ICEPDS), Saint-Petersburg, Russia, October 4-7, 2020 2020 / p. 6-10 : ill <https://doi.org/10.1109/ICEPDS47235.2020.9249344>

Grid integration issues of PMSG-based residential wind turbines

Chub, Andrii; Jalakas, Tanel; Milczarek, Adam; **Kallaste, Ants; Malinowski, Mariusz** PQ2014 : the 9th International 2014 Electric Power Quality and Supply Reliability Conference (PQ) : June 11-13, 2014, Rakvere, Estonia : proceedings 2014 / p. 147-154 : ill

Group-mode performance of wind turbine generators

Tomson, Teolan Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 3, p. 226-233 : ill

Huvide konflikt tuuleenergia tootmises : nõudlus tuulegeneraatorite vaba ranniku järele

Müürsepp, Margot; Ehrlich, Üllas Eesti majanduspoliitilised väitlused : aktuaalsed Euroopa Liidu riikide probleemid. 2 : [artiklite kokkuvõtted] 2012 / lk. 55-58

Huvide konflikt tuuleenergia tootmises : nõudlus tuulegeneraatorite vaba ranniku järele [Elektroniline teavik]

Müürsepp, Margot; Ehrlich, Üllas Eesti majanduspoliitilised väitlused (artiklid) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Discussions on Estonian economic policy (articles). 2 2012 / lk. 344-347 [CD-ROM] https://www.ester.ee/record=b2774516*est

Ice-induced loads on offshore wind turbines in the Baltic Sea

Tabri, Kristjan; Tõns, Tõnis; Suominen, Mikko; **Kõrgesaar, Mihkel** Proceedings of the ASME 2022 41st International Conference on Ocean, Offshore and Arctic Engineering. Volume 6: Polar and Arctic Sciences and Technology 2022 / art. OMAE2022-79035, V006T07A022; 9 pages <https://doi.org/10.1115/OMAE2022-79035>

Inseneriõpingud viisid tee, kus sõit kiire ja võimalused piiratud

Pent, Brenda TööstusEST 2024 / lk. 20-21 : fot https://www.ester.ee/record=b4481084*est

Investigation of the forces acting on the coils of a Modular Slotless Permanent Magnet Generator

Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Belahcen, Anouar 21st International Conference on the Computation of Electromagnetic Fields (Compumag 2017) : Daejeon, South Korea, 18-22 June 2017 2017 / p. 707-708 : ill [http://www.compumag.org/CMAG2017/\[PD-M3-9\]_727.pdf](http://www.compumag.org/CMAG2017/[PD-M3-9]_727.pdf)

Jüri Lavrentjev: uuringud ei kinnita tuulikute mõju tervisele [Võrguväljaanne]

Lavrentjev, Jüri online.le.ee 2021 "[Jüri Lavrentjev: uuringud ei kinnita tuulikute mõju tervisele](https://www.ester.ee/record=b2774516*est)"

Kahelabalise tiivikuga tuulikud

Valma, Arno Keskkonnatehnika 2001 / 5, lk. 38-39 https://artiklid.elnet.ee/record=b1008089*est

Kakutiibadest tuulegeneraatorilabad

Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2738557*est

Kohalikud õpivad Tallinna Kopli kogukonnakeskuses tuulegeneraatorit ehitama [Võrguväljaanne]

rohe.geenius.ee 2022 [Kohalikud õpivad Tallinna Kopli kogukonnakeskuses tuulegeneraatorit ehitama](https://www.ester.ee/record=b2774516*est)

Koostootmisjaamad tasakaalustama elektrituulikuid?

Tammoja, Heiki; Terno, Olaf Elektriala 2006 / 1, lk. 12-13

Large-scale integration of wind energy into the power system considering the uncertainty information = Elektrituulikute integreerimine energiasüsteemi arvestades informatsiooni mittetäielikkust

Agabus, Hannes 2009 [http://www.ester.ee/record=b2508634*est](https://www.ester.ee/record=b2508634*est)

Load sensitivity analysis of a large diameter permanent magnet generator for wind turbines

Pabut, Ott; Lend, Harri; Tiirats, Tauno Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 59-64 : ill

Low speed permanent magnet slotless generator development and implementation for windmills = Aeglasekäigulise uurdevaba püsimagnetgeneraatori väljatöötamine ja rakendamine tuulikutes

Kallaste, Ants 2013 https://www.ester.ee/record=b3000886*est

Low-power Wind Generation grid-connected system with MPPT and PC control

Rosa, Carlos; Vinnikov, Dmitri; Romero-Cadaval, Enrique; Pires, Vitor; Martins, Joao Proceedings : IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society : Austria Center Vienna, Vienna, Austria, 10-14 November, 2013 2013 / p. 5991-5996 : ill <https://doi.org/10.1109/IECON.2013.6700118> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Model validation and structural analysis of a small wind turbine blade

Pabut, Ott; Allikas, Georg; Herranen, Henrik; Vene, Karl-Kristo; Talalaev, Robert Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 74-79 : ill

Multi-criteria design optimization of ultra large diameter permanent magnet generator

Pabut, Ott; Eerme, Martin; Kallaste, Ants; Vaimann, Toomas Elektronika ir elektrotehnika = Electronics and electrical engineering 2015 / p. 42-48 : ill <https://doi.org/10.5755/j01.eee.21.3.10278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Muutuste tuules

Aru, Erik Forbes 2013 / lk. 24-26 : ill

New bidirectional multiport DC/DC converter for interfacing of hydrogen buffer with wind turbines

Andrijanovitš, Anna; Vinnikov, Dmitri 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. 85-90 : ill

New converter for interfacing PMSG based small-scale wind turbine with residential power network [Electronic resource]

Bisenieks, Lauris; Vinnikov, Dmitri; Galkin, Ilja CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 354-359 [CD-ROM] <https://ieeexplore.ieee.org/abstract/document/5942260>

New isolated converter for interfacing PMSG based wind turbine with distribution network

Bisenieks, Lauris; Vinnikov, Dmitri; Galkin, Ilja 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. 100-107 : ill

New isolated interface converter for PMSG based variable speed wind turbines

Vinnikov, Dmitri; Bisenieks, Lauris; Galkin, Ilja Przegląd elektrotechniczny = Electrical review 2012 / p. 75-80 : ill https://alephfiles.rtu.lv/TUA01/000042552_e.pdf

New Method for Stabilization of Wind Power Generation Using Energy Storage Technology

Andrijanovitš, Anna; Egorov, Mikhail; Lehtla, Tõnu; Vinnikov, Dmitri Agronomy research 2010 / S1, p. 12-24 : ill

A new resonant fault current limiter for improved wind turbine transient stability

Demin, Slava; Sitbon, Moshe; Aharon, Ilan; Barbi, Eli; Machlev, Ram; Belikov, Juri; Levron, Yoash; Baimel, Dmitry Electric Power Systems Research 2023 / art. 109600, 8 p <https://doi.org/10.1016/j.epr.2023.109600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New type of bridge fault current limiter with reduced power losses for transient stability improvement of DFIG wind farm

Baimel, Dmitry; Chowdhury, Nilanjan Roy; Belikov, Juri; Levron, Yoash Electric Power Systems Research 2021 / art. 107293, 8 p. : ill <https://doi.org/10.1016/j.epr.2021.107293> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On dynamic models for wind farms as systems of systems

Rannat, Kalev; Meriste, Merik; Mõtus, Leo; Preden, Jürjo-Sören 2012 7th International Conference on System of Systems Engineering : July 16-19, 2012, Genova, Italy : proceedings 2012 / p. 113-118 : ill <https://ieeexplore.ieee.org/document/6384160>

Optimal design of slotless permanent magnet generators = Uurdevabade püsimagnetgeneraatorite optimeerimismeetodid

Pabut, Ott 2015 https://www.ester.ee/record=b4494535*est

Optimal structural design of a slotless permanent magnet generator

Pabut, Ott; Kirs, Maarjuss; Lend, Henri; Tiirats, Tauno Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 75-81 : ill

Paljupooluseline püsimagnetitega sünkroongeneraator tuuleagregaatidele = Multipole permanent-magnet synchronous generator for wind power applications

Kilk, Aleksander 2008 https://www.ester.ee/record=b2449810*est

Permanent magnet excited low-speed synchronous generator for wind applications

Kilk, Aleksander; Järvik, Jaan; Kesküla, Viktor 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 155-159 : ill

Permanent magnet low-speed synchronous generator for wind applications

Järvik, Jaan; Kesküla, Viktor; Kilk, Aleksander 51. IWK : Internationales Wissenschaftliches Kolloquium, 11.-15.09.2006 : proceedings 2006 / p. 407-408

Permanent magnet multipole synchronous generator for wind applications

Kilk, Aleksander 4th International Workshop CPE 2005 : Compatibility in Power Electronics : Fifth International Research and Educational Colloquium on Electronics : 1-3 June 2005, Gdynia, Poland 2005 / p. 55-57 : ill

Permanent magnet synchronous generators for small scale wind power applications [Electronic resource]

Järvik, Jaan; Kesküla, Viktor; Kilk, Aleksander; Oorn, Arvo; Reivik, Aivar Proceedings of the 11th International Scientific Symposium : Elektroenergetika 2005 : September 21-23, 2005, Stara Lesna Slovak Republic 2005 / [15] p. : ill. [CD-ROM]

Permanent magnet wind generator with toroidal winding [Electronic resource]

Järvik, Jaan; Kallaste, Ants; Kilk, Aleksander Proceedings of the 11th International Scientific Symposium : Elektroenergetika 2005 : September 21-23, 2005, Stara Lesna Slovak Republic 2005 / [11] p. : ill. [CD-ROM]

Pingekvaliteet elektrituulikut sisaldavas nõrgas elektrivõrgus

Palu, Ivo Taastuvate energiaallikate uurimine ja kasutamine : seitsmenda konverentsi kogumik : [13. okt. 2005], Tartu, Estonia 2006 / lk. 25-30 : ill

PMSG based residential wind turbines : possibilities and challenges

Bisenieks, Lauris; **Vinnikov, Dmitri**; Galkin, Ilja Agronomy research 2013 / p. 295-306 : ill

https://www.academia.edu/83733935/PMSG_based_residential_wind_turbines_possibilities_and_challenges Journal metrics at Scopus Article at Scopus

Popp elektrituulik - kui keskkonnasõbralik?

Rajangu, Väino Meie Maa 2014 / lk. 2

Power quality in weak grids containing wind turbines

Palu, Ivo; Agabus, Hannes; Oidram, Rein 6th International Conference "2008 Power Quality and Supply Reliability" : August 27-29, 2008 : Pärnu, Estonia : conference proceedings 2008 / p. 125-130 : ill

Preface to "Wind Turbines"

Blaabjerg, Frede; Liivik, Elizaveta Wind turbines 2019 / p. ix-xi <https://doi.org/10.3390/books978-3-03897-361-4>

Professor Ivo Palu: „Kui me ühtegi tuulikut ei ehita, siis oleme ühel hetkel nälgas ja paljas“

Palu, Ivo Maaleht 2025 / lk. 2-4 <https://dea.digar.ee/article/maaleht/2025/01/23/3.1> <https://maaleht.delfi.ee/artikkel/120351125/professor-ivo-palu-kui-me-uhetegi-tuulikut-ei-ehita-siis-oleme-uhel-hetkel-nalgas-ja-paljas>

Professor Lavrentjev kurikuulsa infraheli ohtlikkuse uurimisest: teeme ära!

postimees.ee 2025 <https://www.postimees.ee/8189658/otse-postimehest-professor-juri-lavrentjev-kurikuulsa-infraheli-ohtlikkuse-uurimisest-teeme-ara>

Professor: soolapuhujad omistavad infrahelile müstilisi omadusi

Piir, Rait novaator.err.ee 2025 [Professor: soolapuhujad omistavad infrahelile müstilisi omadusi](#)

Päike, tuul, vesi ja biomass - elektri mikrotootja visalt ära tasuvad sõbrad

Rosin, Argo Inseneeria 2013 / lk. 12-14, 16 : ill https://artiklid.elnet.ee/record=b2620643*est

Radaritest, tuulegeneraatoritest ja riiklikust julgeolekust

Madar, Urve Grüne 2008 / 6. okt., lk. 3

Repliik artiklile "Energiaplaneet Eesti"

Raukas, Anto Postimees 2006 / 18. dets., lk. 15 <https://arvamus.postimees.ee/1610601/vastukaja>

Simulation of wind turbine vibrations

Andriushchenko, Ekaterina; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Meshkov, Aleksandr; Heidari, Hamidreza; Demidova, Galina 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 4 p <https://doi.org/10.1109/IWED48848.2020.9069567>

Small magnus wind turbine : modeling approaches

Lukin, Aleksandr; **Demidova, Galina; Rassõlkin, Anton**; Lukichev, Dmitry; **Vaimann, Toomas**; Anuchin, Alecksey Applied sciences 2022 / art. 1884 <https://doi.org/10.3390/app12041884> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soojuselektrijaama koostöö elektrituulikutega

Palu, Ivo Keskkonnatehnika 2007 / 8, lk. 22-24 : ill https://artiklid.elnet.ee/record=b1021186*est

Study of low-speed permanent-magnet synchronous generator for wind power turbine applications

Sidon, Mohamed D.; **Järvik, Jaan; Kilk, Aleksander** 5th International Conference : Electric Power Quality and Supply Reliability : August 23-26, 2006, Viimsi, Estonia : conference proceedings 2006 / p. 161-165 : ill

Sustainable rural electrification : harnessing a cosmological wind

Troullaki, Katerina; Rozakis, Stelios; Latoufis, Kostas; **Giotitsas, Christos; Priavolou, Christina**; Freire, Fausto Energies 2022 / art. 4659 <https://doi.org/10.3390/en15134659> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Switched inductor quasi-Z-source based back-to-back converter for variable speed wind turbines with PMSG

Bisenieks, Lauris; Vinnikov, Dmitri; Ott, Silver Elektronika ir elektrotehnika = Electronics and electrical engineering 2011 / p. 61-66 : ill https://www.researchgate.net/publication/267991247_Switched_Inductor_Quasi-Z-Source_Based_Back-to-Back_Converter_for_Variable_Speed_Wind_Turbines_with_PMSG

Thermal power plant cooperation with wind turbines

Palu, Ivo; Tammoja, Heiki; Oidram, Rein Estonian journal of engineering 2008 / 4, p. 317-324 : ill

Thermal power plant cooperation with wind turbines

Palu, Ivo; Tammoja, Heiki; Oidram, Rein 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 129-132 : ill

Towards navigational safety of ecosystem based Maritime Spatial Planning solutions

Fetissov, Mihhail; Aps, Robert; Katus, Kaidi; **Tõnismaa, Olev** SHS Web of Conferences 2018 / art. 01008, 7 p. : ill <https://doi.org/10.1051/shsconf/20185801008>

Вопросы теории быстроходного ветродвигателя с вертикальной осью и обтекаемыми лопастями

Sivadi, Aleksander; Silde, Oskar 1953 https://www.ester.ee/record=b1391521*est <https://digikogu.taltech.ee/et/Item/1381fbd1-e4e7-4aca-90ed-da70981a2bab>

Tuuleenergia kasvab buumiks : [vestlus O.Liigiga]

Riisenberg, Tarmo; **Liik, Olev** Äripäev 2003 / 24. sept., lk. 28 <https://arileht.delfi.ee/artikkel/50964982/tuuleenergia-kasvab-buumiks>

Tuulegeneraatorid TTÜ ja Volta koostöös, ehk, noppeid tehnoloogiliste uuenduste väljatöötamise protsessist Eestis

Äripäev 2003 / 17. juuni, Kliendileht Tehnoloogia, lk. 4

Tuulegeneraatorite sõrestiktornide taassünd

Valma, Arno Keskkonnatehnika 2001 / 2, lk. 35-36 https://artiklid.elnet.ee/record=b1006488*est

Tuulegeneraatoritest ja Lamb'i lainetest

Tamberg, Gert Aastaraamat 2010 / Eesti Matemaatika Selts 2012 / lk. 10-19 : ill

Tuulepargid ka Eestisse

Pajo, Raine; Kraav, Rein Elektriala 2002 / 3, lk. 20-21 : ill

Tuuleparkide rajamisest Vinni vallas

Sinialu, Ülo Virumaa Teataja 2021 / Lk. 2 : fot <https://dea.digar.ee/article/virumaateataja/2021/02/16/4.3>

Tuules peitub soojust

Jegorov, Anatoli; Selg, Vello Maamajandus 2000 / aug., lk. 30-32 : ill https://artiklid.elnet.ee/record=b1029146*est

Tuulest saadavast võimsusest Kagu-Eestis

Annuk, Andres; **Tomson, Teolan** Taastuvate energiaallikate uurimine ja kasutamine : kuuenda konverentsi kogumik : [11. nov. 2004, Tartu] 2005 / lk. 112-117

Tuuletont

Tomson, Teolan Keskkonnatehnika 2004 / 6, lk. 46-47 : ill https://artiklid.elnet.ee/record=b1017254*est

Tuulikud läbi aegade

Juske, Anto; **Raesaar, Peeter** 2008 https://www.ester.ee/record=b2358243*est

Tuulikute raadiomüra hakkab reguleerima normdokument

Kütt, Lauri TööstusEST 2025 / lk. 56-58 : portr, fot https://www.ester.ee/record=b4481084*est
<https://toostusest.ee/uudis/2025/02/10/tuulikute-raadiomura-hakkab-reguleerima-normdokument/>

Uudne meetod muudab kommipaberid ja vanad tuulikulabad vesinikuks

Pihl, Olga novaator.err.ee 2024 <https://novaator.err.ee/1609509214/uudne-meetod-muudab-kommipaberid-ja-vanad-tuulikulabad-vesinikuks>

Variations of power demand and wind power generation and their influence to the operation of power systems =

Elektritarbimise ja tuulegeneraatorite võimsuse muutused ja nende mõju elektrisüsteemi talitlusele

Kiik, Kalle 2009

Verification of a wind farm aggregated generic dynamic model based on a real fault ride-through test in the grid

Tšernobrovkin, Oleg; Perdana, Abram; **Palu, Ivo**; **Kilter, Jako** Proceedings of 5th Nordic Wind Power Conference 2009 2009 / [6]
p <https://research.chalmers.se/en/publication/97817>

Wind energy systems [Online resource]

Malinowski, Mariusz; Milczarek, Adam; **Vinnikov, Dmitri**; **Chub, Andrii** Power electronic converters and systems : frontiers and applications 2016 / p. 351-394 : ill http://dx.doi.org/10.1049/PBPO074E_ch12 http://www.ester.ee/record=b4556286*est

Wind turbine effects to the environment and people

Pertmann, Indrek 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 133-139 : ill

Wind turbines

2018 <https://doi.org/10.3390/books978-3-03897-361-4>

Volta hakkab tuulega raha tegema : [tuulegeneraatoreid tootma, projekteerijad TTÜst]

Salu, Mikk Eesti Päevaleht 2005 / 1. juuni, lk. 10 <https://arileht.delfi.ee/artikkel/51048539/volta-hakkab-tuulega-raha-tegema>

Volta tuulegeneraatorid sobivad ka väikestele majapidamistele : [tehase Volta ja TTÜ elektrotehnika aluste ja elektrimasinate instituudi koostööst räägivad Jaan Järvik ja Arvo Oorn]

Mäe, Kristo; **Järvik, Jaan**; **Oorn, Arvo** Äripäev 2005 / 4. apr., lk. 16 <https://www.aripaev.ee/uudised/2005/04/03/volta-tuulegeneraatorid-sobivad-ka-vaikestele-majapidamistele>

Võitlus tuulikuga viib ummikusse

Järvik, Jaan Eesti Päevaleht 2019 / Lk. 2-3 ; portr https://www.ester.ee/record=b1072079*est