

The activity of nanomaterials in photocatalysis

Krichevskaya, Marina Proceedings 2023 / art. 23 <https://doi.org/10.3390/proceedings2023092023>

Advancing green hydrogen production : synthesizing and analyzing nickel and iron micro-flower shaped electrocatalysts on Ni-mesh for alkaline water electrolysis

Jäger, Rutha; Valk, Peeter; Grozovski, Vitali; **Volobujeva, Olga**; Prits, Alise-Valentine; Maide, Martin; Küngas, Rainer; Lust, Enn; Nerut, Jaak 246th ECS Meeting PRIME 2024; Honolulu, Hawaii, USA; October 6-11, 2024 <https://doi.org/10.1149/MA2024-02422814mtgabs>

An improved interface converter for a medium-power wind-hydrogen system

Vinnikov, Dmitri; Hõimoja, Hardi; Andrijanovitš, Anna; Roasto, Indrek; Lehtla, Tõnu; Klytta, Marius 2nd International Conference on Clean Electrical Power Renewable Energy Resources Impact : Capri (Italy) June 9-11, 2009 2009 / p. 426-432 : ill <https://ieeexplore.ieee.org/document/5212019>

Analysis of state-of-the-art converter topologies for interfacing of hydrogen buffer with renewable energy systems

Andrijanovitš, Anna; Steiks, Ingars; **Zakis, Janis**; **Vinnikov, Dmitri** Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2011 / p. 87-94 : ill <https://ui.adsabs.harvard.edu/abs/2011SJRP...29...87A/abstract>

Argo Rosin, Imre Drovta: Rohepööre transpordis on utoopiline [Võrguväljaanne]

Rosin, Argo; Drovta, Imre postimees.ee 2021 ["Argo Rosin, Imre Drovta: Rohepööre transpordis on utoopiline"](https://postimees.ee/2021/05/18/argo-rosin-imre-drovta-rohepoore-transpordis-on-utoopiline/)

Bainitic structure effect on hydrogen embrittlement

Peetsalu, Priidu; Mikli, Valdek; Ratas, Kaarin; Kulper, Eha; Jaason, Karli Journal of the Japan Society for Heat Treatment 2009 / p. 592-595

Baltic Sea water tritium and stable isotopes in 2016-2017

Jefanova, Olga; Mažeika, Jonas; Petrošius, Rimantas; Skuratovič, Žana; Paškauskas, Ričardas; **Martma, Tõnu; Liblik, Taavi**; Ezhova, Elena Isotopes in environmental and health studies 2020 / p. 193-204 <https://doi.org/10.1080/10256016.2020.1715969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beneficial effects of stoichiometry and nanostructure for a LiBH₄-MgH₂ hydrogen storage system

Hu, Jianjiang; **Witter, Raiker**; Shao, Huaiyu; Felderhoff, Michael; Fichtner, Maximilian Journal of materials chemistry A 2014 / p. 66-72 : ill <https://doi.org/10.1039/C3TA13775A> [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

Andrijanovitš, 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

The cost-competitiveness of concentrated solar power with thermal energy storage in power systems with high solar penetration levels

Miron, Dror; Navon, Aviad; Levron, Yoash; **Belikov, Juri**; Rotschild, Carmel Journal of Energy Storage 2023 / art. 108464 <https://doi.org/10.1016/j.est.2023.108464> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of deuterium retention by LIBS at different background pressures

Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; **Tufail, Iram**; Veis, P. Physica scripta 2017 / art. 014003, 5 p. : ill <https://doi.org/10.1088/0031-8949/2017/T170/014003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti Energia rajab Ida-Virumaale rohelisse tulevikku sobituva keemiatööstuse

TööstusEST 2024 / lk. 50-51 https://www.est.ee/record=b4481084*est

Eesti ettevõtjate ja teadlaste vaheline koostöö ringmajanduses on viimastel aastatel jõudsalt arenenud

postimees.ee 2025 <https://roheline.postimees.ee/8216211/eesti-ettevotjate-ja-teadlaste-vaheline-koostoo-ringmajanduses-on-viimastel-aastatel-joudsalt-arenenud>

Effect of water on the hydrogen bond formation in Estonian kukersite kerogen as revealed by molecular modelling

Lille, Ülo Fuel 2004 / 9, p. 1267-1268

Efficient dark fermentative hydrogen production from enzyme hydrolyzed rice straw by Clostridium pasteurianum (MTCC116)

Srivastava, Neha; Srivastava, Manish; Kushwaha, Deepika; **Gupta, Vijai Kumar; Manikanta, Ambepu**; Ramteke, Pramod Wasudeo; **Mishra, Pradeep Kumar** Bioresource technology 2017 / p. 552-558 : ill <https://doi.org/10.1016/j.biortech.2017.04.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; **Gupta, Vijai Kumar**; Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 <https://doi.org/10.1016/j.biortech.2019.122481> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Euroopa perutav roheratsu

Rosin, Argo; Drovtar, Imre Postimees 2021 / Lk. 6–7

Experimental study of new integrated DC/DC converter for hydrogen-based energy storage

Vinnikov, Dmitri; **Andrijanovičš, Anna**; **Roasto, Indrek**; **Jalakas, Tanel** 2011 10th International Conference on Environment and Electrical Engineering (EEEIC), 8-11 May 2011, Rome, Italy : conference proceedings 2011 / [4 p.] : ill <https://ieeexplore.ieee.org/document/5874667>

Fuel cell city buses : grey shadows of green energy

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

Green hydrogen use in Estonian transport and energy sectors raises concerns

Klementi, Joakim news.err.ee 2023 [Green hydrogen use in Estonian transport and energy sectors raises concerns](#)

Halogen chemistry and hydrogen isotopes of apatite from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja; Wiedenbeck, Michael; Slaby, Ewa; **Lepland, Aivo** Precambrian research 2018 / p. 153-164 : ill <https://doi.org/10.1016/j.precamres.2018.02.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogen effects in equiatomic CrFeNiMn alloy fabricated by laser powder bed fusion

Yang, Xuan; Yagodzinskyy, Yuriy; Ge, Yanling; Lu, Eryang; Lehtonen, Joonas; **Kollo, Lauri**; Hannula, Simo-Pekka Metals 2021 / art. 872 <https://doi.org/10.3390/met11060872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogen interaction with point defects in the Si-SiO₂ structures and its influence on the interface properties

Kropman, Daniel; **Mellikov, Enn**; Kämer, T.; Ugaste, Ülo; Laas, Tõnu; Heinmaa, I.; Abru, Uno; Medvid, A. Solid state phenomena 2008 / p. 345-350 <https://www.scientific.net/SSP.131-133.345>

Hydrogen post-treatment enhances the electrochemical activity of Pt-CeO₂/C catalysts

Nguyen, Huy Quí Vinh; Kasuk, Heili; Härmas, Meelis; Aruväli, Jaan; **Volobujeva, Olga**; Härk, Eneli; Kochovski, Zdravko; Lust, Enn; Nerut, Jaak 8th Baltic Electrochemistry Conference. Conference Abstract 2024 / 1 p. https://sisu.ut.ee/wp-content/uploads/sites/638/nguyen_huy_qui_vinh_.pdf

Hydrogen solubility of shale oil containing polar phenolic compounds

Baird, Zachariah Steven; Uusi-Kyyny, Petri; **Oja, Vahur**; Alopaeus, Ville Industrial and engineering chemistry research 2017 / p. 8738-8747 : ill <https://doi.org/10.1021/acs.iecr.7b00966> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrogen states in mixed-cation CuIn(1-x)Ga_xSe₂ chalcopyrite alloys : a combined study by first-principles density-functional calculations and muon-spin spectroscopy

Marinopoulos, Apostolos G.; Vilao, Rui C.; Alberto, Helena Vieira; Ribeiro, E. F. M.; Gil, J. M.; Mengyan, P. W.; Goeks, M. R.; **Kauk-Kuusik, Marit**; Lord, J. S. Philosophical magazine 2021 / p. 2412-2434 <https://doi.org/10.1080/14786435.2021.1972178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A hydrogen technology as buffer for stabilization of wind power generation

Andrijanovičš, Anna; **Egorov, Mikhail**; **Lehtla, Madis**; **Vinnikov, Dmitri** 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 62-70 : ill https://www.ester.ee/record=b2549033*est

Impact of grid gas requirements on hydrogen blending levels

Latõšov, Eduard; Pakere, Ieva; Murauskaite, Lina; **Volkova, Anna** Environmental and Climate Technologies 2021 / P. 688-699 <https://doi.org/10.2478/ruct-2021-0052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improved amorphous silicon passivation layer for heterojunction solar cells with post-deposition plasma treatment

Neumüller, Alex; Sergeev, Oleg; Heise, Stephan J.; **Bereznev, Sergei**; **Volobujeva, Olga** Nano energy 2018 / p. 228-235 : ill <https://doi.org/10.1016/j.nanoen.2017.11.053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impurity interaction with point defects in the Si-SiO₂ structures and its influence on the interface properties

Kropman, Daniel; **Mellikov, Enn**; Kämer, T.; Ugaste, Ülo; Laas, Tõnu; Heinmaa, I.; Medvid, A. Materials science and engineering : B 2006 / p. 222-226 : ill <https://www.sciencedirect.com/science/article/pii/S0921510706004375>

Inseneeria algab keerulistest probleemidest

Musakko, Vladislav Onninen Uudised : küte. Vesi. Ventilatsioon. Elekter. Tööstus. Jahutus 2025 / lk. 32 : fot

https://www.ester.ee/record=b4207426*est

Investigation of the solar cell materials Cu(In,Ga)Se₂ and Cu₂ZnSnS₄ with muon spin spectroscopy and density-functional calculations

Vilao, Rui C.; Marinopoulos, Apostolos G.; dos Santos, Diego Garcia; Alberto, Helena Vieira; Gil, Joao Campos; Mengyan, Patrick W.; **Kauk-Kuusik, Marit**; Lord, James; Weidinger, Alois Journal of applied physics 2024 / art. 055704

<https://doi.org/10.1063/5.0205837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Joogivee valik on lai, aga mida ütlevad teadlased – missugune on parim?

digi.geenius.ee 2023 [Joogivee valik on lai, aga mida ütlevad teadlased – missugune on parim?](#)

Kommipaberitestja tuulikulabadest saab vesinikku

Imeline Teadus 2024 / lk. 23 : fot https://www.ester.ee/record=b2747925*est

Microwave effect on diffusion: A possible mechanism for non-thermal effect

Hinrikus, Hiie; Lass, Jaanus; Karai, Denis; Pilt, Kristjan; Bachmann, Maie Electromagnetic Biology and Medicine 2015 / p. 327 - 333 <https://doi.org/10.3109/15368378.2014.921195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Miks räägitakse vesinikust nii vähe? TalTechi nutikad tudengid aitavad tühimikku täita

digi.geenius.ee 2023 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/miks-raagitakse-vesinikust-nii-vahe-taltech-i-nutikad-tudengid-aitavad-tuhimikku-taita/>

Multifunctional catalysts in the asymmetric Mannich reaction of malononitrile with N-Phosphinoylimines : coactivation by halogen bonding versus hydrogen bonding

Kriis, Kadri; Martõnov, Harry; Miller, Annette; Erkman, Kristin; Järving, Ivar; Kaasik, Mikk; Kanger, Tõnis The journal of organic chemistry 2022 / p. 7422-7435 : ill <https://doi.org/10.1021/acs.joc.2c00674> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Multiport DC/DC converters for interfacing of hydrogen buffer with wind turbine

Andrijanovitš, Anna; Vinnikov, Dmitri 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 95-99 : ill

Nanoengineered cellulosic biohydrogen production via dark fermentation : A novel approach

Srivastava, Neha; Srivastava, Manish; Malhotra, Bansi D.; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107384, 13 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.04.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New CO₂ and Hydrogen storage site marketing : how to make your storage site unique and attractive? : [abstract]

Šogenov, Kazbulat; Šogenova, Alla Baltic Carbon Forum 2022 / p. 2-3 <https://doi.org/10.21595/bcf.2022.22840>

Nickel and nitrogen-doped bifunctional ORR and HER electrocatalysts derived from CO₂

Rommel, Anna-Liis; Ratso, Sander; Divitini, Giorgio; **Danilson, Mati; Mikli, Valdek; Uibu, Mai**; Aruväli, Jaan; Kruusenberg, Ivar ACS Sustainable Chemistry and Engineering 2022 / p. 134-145 <https://doi.org/10.1021/acssuschemeng.1c05250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel approach in mechanical nanostructuring synthesis of metal hydride : hydrogen sorption enhancement by High Pressure Torsion Extrusion

Omranpour Shahreza, Babak; Ivanisenko, Julia; **Sergejev, Fjodor**; Omranpour, Hosseinali; Huot, Jacques International Journal of Hydrogen Energy 2024 / p. 133-142 <https://doi.org/10.1016/j.ijhydene.2023.10.343> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel strategy to enhance biohydrogen production using graphene oxidetreated thermostable crude cellulase and sugarcane bagasse hydrolyzate under co-culture system

Srivastava, Neha; Srivastava, Manish; **Gupta, Vijai Kumar** Bioresource technology 2018 / p. 337-345 : ill <https://doi.org/10.1016/j.biortech.2018.09.038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimal operation of multi-energy microgrids in presence of hydrogen fueling stations and electric vehicle lots

Mahmoudnezhad, Fayeze 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 109-110 : ill https://www.ester.ee/record=b5504019*est

Overview of hard cyclic viscoplastic deformation as a new SPD method for modifying the structure and properties of niobium and tantalum

Kommel, Lembit Nanotechnology and advanced material science 2024 / 15 p <https://doi.org/10.31038/NAMS.2024721>

Photocatalytic decomposition of humic acids in anoxic aqueous solutions producing hydrogen, oxygen and light

hydrocarbons

Klauson, Deniss; Budarnaja, Olga; Castellanos Beltran, Ignacio; **Kritševskaja, Marina; Preis, Sergei** Environmental technology 2014 / p. 2237-2243 : ill <https://doi.org/10.1080/09593330.2014.900116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoinjection of hydrogen in solids

Gavriljuk, A.I.; Lanskaya, T.G. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 33-36: ill

Piilume laevamehaaniku tegemistesse: mandri ja suursaarte vahelise laevaiühenduse tugevdamiseks projekteeritakse ainulaadset aku-vesiniku parvlaeva

digi.geenius.ee 2023 [Piilume laevamehaaniku tegemistesse: mandri ja suursaarte vahelise laevaiühenduse tugevdamiseks projekteeritakse ainulaadset aku-vesiniku parvlaeva](#)

Production of hydrogen from packaging wastes by two-stage pyrolysis

Penežko, Aleksei; Pihl, Olga; Suštšik, Dmitri; Nossov, Aleksandr; Khaskhachikh, Vladimir Waste Management Production of hydrogen from packaging wastes by two-stage pyrolysis 2025 / art. 115068 <https://doi.org/10.1016/j.wasman.2025.115068> <https://www.sciencedirect.com/science/article/pii/S0956053X25004799>

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](#)

Roheline tehnoloogia : TalTechi läbimurre vesinikuenergeetikas

Normak, Liisu Kirke Eesti Elu : [Kanada ajaleht] 2025 / lk. 18 : fot

Sprayed CuInS₂ thin films for solar cells : the effect of solution composition and post-deposition treatments

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Rebane, Helen; Varema, Tiit; Altosaar, Mare; Mellikov, Enn 11th International Photovoltaic Science and Engineering Conference : Sept. 20-24/1999, Hokkaido, Japan : technical digest 1999 / p. 845-846: ill <https://www.sciencedirect.com/science/article/pii/S0927024800003810>

Structure and magnetic properties of NdFeB powder prepared by hydrogen decrepitation and high-energy ball milling

Mural, Zorjana; Kollo, Lauri; Traksmäa, Rainer; **Kallip, Kaspar; Link, Joosep; Veinthal, Renno** Engineering materials & tribology XXII 2014 / p. 262-266 <https://doi.org/10.4028/www.scientific.net/KEM.604.262> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Süvatehnoloogiate alternatiivsed arengutrajektorid ja nende tähendus Eestile : lõpparuanne

Koppel, Kaupo; Kuusik, Alar; Arrak, Kadri; **Raik, Jaan; Niidu, Allan;** Kõks, Kerttu-Liis; **Lahtvee, Petri-Jaan** 2023 <https://media.voog.com/0000/0037/5345/files>

Synergy scenario for renewable energy production, CO₂ and H₂ storage in the Baltic offshore structure

Šogenova, Alla; Šogenov, Kazbulat Baltic Carbon Forum 2023 / p. 20 <https://doi.org/10.21595/bcf.2023.23644>

Tallinnas asuti looma seadet, mis toodab veest vesinikku täiesti uut moodi [Võrguväljaanne]

Pau, Aivar forte.delfi.ee 2022 [Tallinnas asuti looma seadet, mis toodab veest vesinikku täiesti uut moodi](#)

TalTechi inseneriteaduskonna vesinikuorganisatsioon TIVo

Mente et Manu 2022 / lk. 9 : fot https://www.ester.ee/record=b1242496*est

Tarmo Soomere: vaidlus vesiniku ümber kisub jaburaks

Soomere, Tarmo Postimees 2020 / Lk. 14 : fot <https://dea.digar.ee/article/postimees/2020/09/08/14.2> <https://dea.digar.ee/article/postimees/2020/09/04/11.4>

Teadlane räägib: mis asendaks tulevikus kivisütt, naftat ja põlevkivi? [Võrguväljaanne]

digi.geenius.ee 2021 ["Teadlane räägib: mis asendaks tulevikus kivisütt, naftat ja põlevkivi?"](#)

Teadlane vastab, millest kõigest on võimalik kütust toota [Võrguväljaanne]

Niidu, Allan novaator.err.ee 2021 ["Teadlane vastab, millest kõigest on võimalik kütust toota"](#)

Techno-economic analysis of hydrogen buffers for distributed energy systems

Andrijanovič, Anna 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. 96-100 : ill

Techno-economic analysis of hydrogen buffers for distributed energy systems [Electronic resource]

Andrijanovič, Anna; Beldjajev, Viktor SPEEDAM 2012 : Sorrento (Italy) - June 20-22, 2012 : 21st edition of the International Symposium on Power Electronics, Electrical drives, Automation and Motion 2012 / p. 1401-1406 : ill [CD-ROM] <https://ieeexplore.ieee.org/document/6264583>

The benefits of integrating industrial hydrogen production with district heating in cold climates with different building renovation levels

Moradpoor, Iraj; **Koivunen, Tero; Syri, Sanna**; Hirvonen, Janne Energy 2024 / art. 131953, 13 p.: ill

<https://doi.org/10.1016/j.energy.2024.131953> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Атом водорода в квантованном пространстве в релятивистском случае

Meitre, Johannes 1957 https://www.ester.ee/record=b1381711*est <https://digikogu.taltech.ee/et/Item/cbb5d005-4601-41a0-97ca-fa72ed6e912b>

Underground hydrogen storage in the Baltic Countries : future outlook for Latvia and Estonia

Šogenov, Kazbulat; Šogenova, Alla; Šliaupa, Saulius 83rd EAGE Annual Conference & Exhibition, Jun 2022 2022 / p. 1-5

<https://doi.org/10.3997/2214-4609.202210772>

Underground hydrogen storage in the Baltic Countries : future outlook for Lithuania

Šogenov, Kazbulat; Šogenova, Alla; Šliaupa, Saulius 83rd EAGE Annual Conference & Exhibition, Jun 2022 2022 / p. 1-5

<https://doi.org/10.3997/2214-4609.202210707>

Unlocking the potential of electrolysis waste heat for district heating

Puschnigg, Stefan; Tommasini, Davide; Marx, Nicolas; **Ali, Hesham** Euroheat and Power 2025 / p. 11-15 <https://emagazine.ehp-magazine.com/de/profiles/ae22e601d266/editions/3eb695554e71f84f0b86>

Use of hydrogen and AI as an opportunities to increase energy autarky and create business more sustainable

Krzos, G.; Piwoni-Krzeszowska, E.; Kowalski, J.; **Prause, Gunnar Klaus** Procedia computer science 2023 / p. 3276-3285

<https://doi.org/10.1016/j.procs.2023.10.321> Conference proceedings at Scopus Article at Scopus

Using of color centers transformation in tungsten oxide electrochromic films for hydrogen atoms detection

Ges, I.A.; Budkevich, B.A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 277-278: ill

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>

Vesinik - võti eesti energiajulgeolekusse?

Musakko, Vladislav Edasi.org : innustav ja hariv ajakiri 2025 / lk. 23-25 : ill https://www.ester.ee/record=b5223051*est

Vesinik on energiakandja, mis ootab oma läbimurret ja kasutuse laienemist

Jürgenson, Jagnar Bioneer.ee 2023 [Vesinik on energiakandja, mis ootab oma läbimurret ja kasutuse laienemist](#)

Vesiniku kasutamine transpordis ning energeetikas toob omajagu muresid

Klementi, Joakim Joakim Klementi err.ee 2023 [Vesiniku kasutamine transpordis ning energeetikas toob omajagu muresid](#)

Vesinikus lõõmutamise mõju CdS kilede omadustele

Maticiu, Natalia; Potlog, Tamara; Hiie, Jaan XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 61

Vladislav Musakko: TalTechi tudengid asuvad vesinikku hoiustama

Musakko, Vladislav Trialoog 2025 <https://trialoog.taltech.ee/vladislav-musakko-taltech-tudengid-asuvad-vesinikku-hoiustama/>

Võti vesiniku laialdasemaks kasutamiseks

Musakko, Vladislav Studioosus 2024 / lk. 35 https://www.ester.ee/record=b1558644*est

Имобилизация клеток микроорганизмов с аспартазной активностью. Сообщение 4, Влияние концентрации ионов водорода и аммония на ход превращения фумарата

Kalda, Astrid Характеристика действия нативных и модифицированных ферментов 1983 / с. 79-88 : ил

https://www.ester.ee/record=b1271714*est <https://digikogu.taltech.ee/et/Item/12bae568-2fd1-4c41-888f-7192241e718c>

О содержании в керогенах некоторых горючих сланцев гидроароматического водорода повышенной лабильности

Aarna, Agu; Urov, Kaarli Сборник статей по химии и химической технологии. 13 1965 / с. 13-22 : илл

https://www.ester.ee/record=b2182034*est <https://digikogu.taltech.ee/et/Item/d4d94766-1dca-4956-8efe-f305fca83182>

Пиролиз высокосернистого сланца в присутствии водорода

Suštšik, Dmitri Innovaatilised lahendused ja säästvad tehnoloogiad : konverents 2010 2010 / с. 50

Предсказание коэффициентов распределения в системах с образованием в органической фазе водородной

связи между растворителем и распределяемым веществом

Mölder, Leevi; Tamvelius, Hindrek Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1973 / с. 26-30 : илл https://www.ester.ee/record=b1264554*est <https://www.etera.ee/zoom/20661/view?page=32&p=separate&tool=info&view=0.325.2307.3585>

Упрощенный метод определения активного водорода по Чугаеву-Церевитинову

Mihkelson, Vello; Aarna, Agu Сборник статей по химии и химической технологии. 10 1964 / с. 281-288 : илл https://www.ester.ee/record=b2181961*est <https://digikogu.taltech.ee/et/Item/9569e6db-150a-42c8-bf3b-765725dfd969>

Усовершенствование методики элементарного анализа

Mihkelson, Vello Сборник статей по химии и химической технологии. 16 1966 / с. 73-79 : илл https://www.ester.ee/record=b2182131*est <https://digikogu.taltech.ee/et/Item/f8f6923a-790f-42fd-a717-a9a0681d4df5>