

A neural network approach to EEG classification in brain chemical injuries diagnosis

Raja, Aimur; Meister, Ants; Tuulik, Viiu; Lossmann, Eerik MEDICON'95 : VII Mediterranean Conference on Medical & Biological Engineering (IFMBE) : conference abstracts, Jerusalem, Israel, 17-21 September, 1995 1995 / p. 133

Amyloid-beta PET and CSF in an autopsy-confirmed cohort

Reimand, Juhan; Boon, Baayla D.C.; Collij, Lyduine E.; Teunissen, Charlotte E.; Rozemuller, Annemieke J.M.; Van Berckel, Bart N.M.; Scheltens, Philip; Ossenkoppele, Rik; Bouwman, Femke Annals of clinical and translational neurology 2020 / p. 2150-2160
<https://doi.org/10.1002/acn3.51195> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An attempt to separating cardiac and respiratory components from EBI dataset through conventional filtering method

Mughal, Yar M. Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 61-64 : ill

Antikehad, viirused, valgud uuringus, diagnostikas ja terapias : avalik loeng 11. aprillil 2002 TTÜs

Järvekülg, Lilian Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 227-230

Application of novel QT interval correction and QT/RR assessment models to ECG 24-hour recordings in cardiac patients

Veski, Kristi; Karai, Deniss; Pilt, Kristjan; Meigas, Kalju; Kaik, Jüri Estonian journal of engineering 2010 / 1, p. 107-120 : ill

Approaches and challenges in the diagnosis and management of secondary progressive multiple sclerosis : a Central Eastern European perspective from healthcare professionals

Boyko, Aleksey; Therapontos, Christina; Horakova, Dana; Szilasiava, Jarmila; Kalniņa, Jolanta; Gross-Paju, Katrin Multiple sclerosis and related disorders 2021 / art. 102778, 12 p. : ill <https://doi.org/10.1016/j.msard.2021.102778> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Architectural design space exploration of an FPGA-based compressed sampling engine : application to wireless heart-rate monitoring

El-Sayed, Mohammad; Koch, Peter; Le Moullec, Yannick 2015 Nordic Circuits and Systems Conference (NORCAS) : NORCHIP & International Symposium on System-on-Chip (SoC) : 1st IEEE NORCAS Conference : 26-28 October 2015, Oslo, Norway 2015 / [5] p. : ill <http://dx.doi.org/10.1109/NORCHIP.2015.7364369>

Arstliku erigrupi üliõpilaste kehalisest kasvatusest TPI-s

Pajumägi, Hele-Mall; Purru, Uno Kehaline kasvatus kõrgkoolis : XIX vabariiklik teaduslik-metoodiline kehakultuuri konverents : teesid = XIX республиканская научно-методическая конференция по проблемам физкультуры Физическое воспитание в высших учебных заведениях : тезисы 1977 / lk. 93-95 : tab https://www.esther.ee/record=b1267458*est

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis

Kööts, Kristina; Pilt, Kristjan; Sepa, Madis; Pikta, Marika; Fridolin, Ivo; Meigas, Kalju; Viigimaa, Margus 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 https://doi.org/10.1007/978-3-030-64610-3_15 Conference Proceedings at Scopus Article at Scopus

Assessment of soluble skin surface protein levels for monitoring psoriasis vulgaris in adult psoriasis patients using non-invasive transdermal analysis patch: A pilot study

Orro, Kadri; Salk, Kristiina; Abram, Kristi; Arshavskaja, Jelena; Meikas, Anne; Karelson, Maire; Neuman, Toomas; Kingo, Külli; Spee, Pieter Frontiers in medicine 2023 / art. 1072160, 8 p. : ill <https://doi.org/10.3389/fmed.2023.1072160> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Assessment of the von Willebrand factor multimers profile in patients referred for bleeding tendency evaluation in Estonia : a preliminary report of the von Willebrand disease diagnostics project

Pikta, Marika; Saks, Kadri; Varik, Mirja; Hytti, Maria; Ilves, Kreete; Ross, Mariken International journal of medical laboratory research 2021 / p. 17-27 : ill <https://doi.org/10.35503/IJMLR.2021.6103>

Author Correction: A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns (Nature Communications, (2020), 11, 1, (728), 10.1038/s41467-019-13825-8)

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Blanckin, Andrew V.; Boutros, Paul C.; Usküla-Reimand, Liis Nature Communications 2022 / Art. 7573 <https://doi.org/10.1038/s41467-022-32329-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Autismi loodetakse diagnoosida vereprooviga : [Warwicki ülikoolis arandatavat analüüsimeetodit kommenteerib Tõnis Timmus]

Horisont 2018 / lk. 3 : ill https://www.esther.ee/record=b1072243*est <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf>

Biochemical diagnosis of classical galactosemia and mucopolysaccharidoses in Estonia = Klassikalise galaktoseemija ja mukopolüsahharidoosi biokemiline diagnostika Eestis

Krabbi, Külliki 2012 <https://digi.lib.ttu.ee/i/?736>

Bioimpedance sensors : instrumentation, models, and applications

Naranjo-Hernández, David; Reina-Tosina, Javier; Buendía, Rubén; **Min, Mart** Journal of Sensors 2019 / art. 5078209

<https://doi.org/10.1155/2019/5078209> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Bioinformaatika püüab antikehi uurides leida uudseid ravimeetodeid

Alvela, Ain TööstusEST 2023 / lk. 24-26 : portr https://www.esther.ee/record=b4481084*est

Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers

Panebianco, Concetta; **Kelman, Edgar**; Vene, Kristel; Gioffreda, Domenica; Tavano, Francesca; **Vilu, Raivo**; Terracciano, Fulvia;

Pata, Illar; Adamberg, Kaarel; Andriulli, Angelo; Pazienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p.

138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Caplani sündroom. Haigusjuhu kirjeldus

Melnikova, Renata; Pille, Andres; Bogovskaja, Jelena; **Pille, Viive**; Sergejeva, Svetlana Eesti Arst 2012 / lk. 361-367 : ill

https://artiklid.elnet.ee/record=b2529189*est

Cholecystectomy and Diagnosis-Related Groups (DRGs): Patient classification and hospital reimbursement in 11 European countries

Paat-Ahi, Gerli; **Aaviksoo, Ain**; Świderek, Maria International journal of health policy and management 2014 / p. 383-391 : ill

<https://doi.org/10.15171/ijhpm.2014.121> Journal metrics at Scopus Article at Scopus

Classification and denoising of objects in TEM and CT images using deep neural networks = Objektide klassifitseerimine ja müratustamine TEM ja KT kujutistelt sügavate närvivõrkude abil

Gupta, Anindya 2018 <https://digi.lib.ttu.ee/i/?9954> https://www.esther.ee/record=b5056535*est

CNN based analysis of the Luria's alternating series test for Parkinson's disease diagnostics

Zaremba, Sergei; **Nõmm, Sven**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Recent Challenges in Intelligent Information and Database Systems : 13th Asian Conference, ACIIDS 2021, Phuket, Thailand, April 7–10, 2021 : proceedings 2021 / p. 3-13

https://doi.org/10.1007/978-981-16-1685-3_1 Conference Proceedings at Scopus Article at Scopus

Coherent photodetection as a non-invasive method in medical diagnostics

Meigas, Kalju; Hinrikus, Hiie; Kattai, Rain; Lass, Jaanus Biomedical Research and Industrial Participation in Europe : Trends and Future, April 27-28, 1998, Brussels / ESEM 1998 / p. 10

Comparison of chromogenic STA-R evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran

Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banys, Valdas "Hematology and hemostasis" Clinical Chemistry and Laboratory Medicine (CCLM) 2023 / p. s1274 <https://doi.org/10.1515/cclm-2023-7050>

Comparison of one- two- and three-dimensional CNN models for drawing-test-based diagnostics of the Parkinson's disease

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; **Nõmm, Sven**; Valla, Elli; Medijainen, Kadri; Taba, Pille; Toomela, Aaro; Ruzhansky, Michael Biomedical signal processing and control 2024 / art. 105436, 8 p <https://doi.org/10.1016/j.bspc.2023.105436>

Compounding radiopharmaceuticals: any regulatory difference with extemporaneous preparation?

Titma, Tiina; Nazarenko, Sergei International Symposium on Trends in Radiopharmaceuticals, 28 October – 1 November 2019, Vienna, Austria : Programme & Abstracts 2019 / p. 94

<https://media.superevent.com/documents/20191027/d11acc994711668f9d098243c37efdb8/istr-2019-programme-and-abstracts.pdf>

Corrigendum: A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated (Front. Microbiol., (2021), 12, (673218), 10.3389/fmicb.2021.673218)

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha; Kvarnheden, Anders Frontiers in microbiology 2021 / art. 772637, 2 p <https://doi.org/10.3389/fmicb.2021.772637> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A country-wide teledermatoscopy service in Estonia shows results comparable to those in experimental settings in management plan development and diagnostic accuracy : a retrospective database study

Koop, Christian; **Kruus, Priit**; Hallik, Riina; Lehemets, Hannes; Vettus, Elen; Niin, Marianne; **Ross, Peeter**; Kingo, Külli JAAD International 2023 / p. 81-89 <https://doi.org/10.1016/j.jdin.2023.02.019> Journal metrics at Scopus Article at Scopus Article at WOS

Decomposition of the electrical bio-impedance signal : a signal model based method for separation of the cardiac and respiratory components

Krivošei, Andrei 2010 <https://www.amazon.com/Decomposition-electrical-bio-impedance-signal-respiratory/dp/3838372220>

Deep Learning Based Segmentation of Luria's Alternating Series Test to Support Diagnostics of Parkinson's Disease

A deep learning system accurately classifies primary and metastatic cancers using passenger mutation patterns

Jiao, Wei; Atwal, Gurnit; Polak, Paz; Karlic, Rosa; Cuppen, Edwin; Al-Shahrour, Fatima; Bailey, Peter J.; Blanckin, Andrew V.; Boutros, Paul C.; **Uusküla-Reimand, Liis** Nature Communications 2020 / art. 728, 12 p. : ill <https://doi.org/10.1038/s41467-019-13825-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Depressiooni saab tuvastada juba enne sümptoeid

Imeline Teadus 2022 / lk. 20 : fot https://www.estet.ee/record=b2747925*est <https://digikogu.taltech.ee/et/item/c9b2a014-84fc-4003-88a2-85836830038a>

Design of orthoses for correction of human gait

Kuznetcov, Artem; **Žigailov, Sergei** 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 2013 / p. 289-291 : ill

Detection of bulbar involvement in patients with amyotrophic lateral sclerosis by machine learning voice analysis : diagnostic decision support development study

Tena, Alberto; Claria, Francce; Solsona, Francesc; **Meister, Einar**; Povedano, Monica JMIR Medical Informatics 2021 / e21331, 18 p. : ill <https://doi.org/10.2196/21331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks

Gupta, Anindya; Saar, Tõnis; **Märtens, Olev; Le Moullec, Yannick**; Sintorn, Ida-Maria International Journal of Imaging Systems and Technology 2019 / p. 327-339 : ill <https://doi.org/10.1002/ima.22373> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a low-cost, wireless smart thermostat for isothermal DNA amplification in lab-on-a-chip devices

Pardy, Tamas; Sink, Henri; Koel, Ants; Rang, Toomas Micromachines 2019 / art. 437, 13 p. : ill <https://doi.org/10.3390/mi10070437> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a model for the prevention of work-related musculoskeletal disorders in the upper extremities = Tööga seotud käte ja ölavöötme ülekoormushaiguste ennetusmudeli väljatöötamine

Pille, Viive 2016 <https://digi.lib.ttu.ee/i/?6970> https://www.estet.ee/record=b4632304*est

Development of primer-probe energy transfer real-time PCR for the detection and quantification of porcine circovirus type 2

Balint, Adam; Tenk, Miklos; **Timmusk, Sirje** Acta veterinaria Hungarica 2009 / 3, p. 441-452
https://www.researchgate.net/publication/26698746_Development_of_Primer-Probe_Energy_Transfer_real-time_PCR_for_the_detection_and_quantification_of_porcine_circovirus_type_2

Development of temperature control solutions for non-instrumented nucleic acid amplification tests (NINAAT)

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Micromachines 2017 / p. 1-11 : ill <https://doi.org/10.3390/mi8060180> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digitaalne sensorplatvorm meditsiiniliseks diagnostikaks ja keskkonnaseireks

Mente et Manu 2018 / lk. 34 : ill http://www.estet.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu>
https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868932*est

Discordance between amyloid- β PET and CSF biomarkers : clinical and pathophysiological consequences = Amüloid- β staatuse vastuolu PET-uuringul ning liikvorianalüüsил : kliiniline ja patofüsioloogiline tähdus

Reimand, Juhhan 2021 <https://doi.org/10.23658/taltech.15/2021> https://www.estet.ee/record=b5431268*est
<https://digikogu.taltech.ee/et/item/d14a365f-fbfc-4595-923e-473262485fe2>

Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid

Mente et Manu 2021 / lk. 20-21 https://www.estet.ee/record=b1242496*est <https://doi.org/10.23658/taltech.15/2021>

Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid [Võrguväljaanne]

mu.ee 2021 "Doktoritöö aitab lahendada Alzheimeri diagnoosimisega seotud vastuolusid"

A DSP-based multichannel EBI measurement device

Abdullayev, Anar; Rist, Marek; Krivošei, Andrei; Metshein, Margus; Land, Raul; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024
<https://doi.org/10.1109/I2MTC60896.2024.10560714>

Dynamic reference for evaluation of bioimpedance spectroscopy devices

Rist, Marek; Min, Mart BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic

Eakate terviseentsüklopeedia

Abrahams, Peter 2009 https://www.estet.ee/record=b2514320*est

Early diagnosing of occupational diseases caused by chemical hazards

Tint, Piia; Tuulik, Viiu; Reinhold, Karin Risk and Safety Management in Industry, Logistics, Transport and Military Service : New Solutions for the 21st Century : proceedings of the international scientific-educational conference : March 25-28, 2003, Tallinn 2003 / p. 86-92 : ill

Eesti teadlase leiutatud sensor võib olla abiks hingamisraskustega inimeste ravil [Võrguväljaanne]

Loite, Sander novaator.err.ee 2020 / video [Eesti teadlase leiutatud sensor võib olla abiks hingamisraskustega inimeste ravil](#)

Eesti teadlased püüavad multiskleroosi varakult avastada [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 "[Eesti teadlased püüavad multiskleroosi varakult avastada](#)"

Electrochemical sensing of clinically relevant proteins by molecularly imprinted polymer-modified electrodes

Sõritski, Vitali 11th international workshop on surface modification for chemical and biochemical sensing : program and the book of abstracts 2023 / p. 120 https://www.smcbpl.org/ftp/book_of_abstracts/Book_of_Abstracts,_SMCBS_2023.pdf

Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor

Ayankojo, Akinrinade George; Boroznjak, Roman; Reut, Jekaterina; Tuvikene, Jürgen; Timmus, Tõnis; Sõritski, Vitali Sensors and Actuators B: Chemical 2023 / art. 134656 <https://doi.org/10.1016/j.snb.2023.134656> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Electrochemical sensor based on molecularly imprinted polymers for label-free detection of neurotrophic factor protein [Online resource]

Kidakova, Anna; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

Electrochemically synthesized MIP sensors : applications in healthcare diagnostics

Ayankojo, Akinrinade George; Reut, Jekaterina; Sõritski, Vitali Biosensors 2024 / art. 71 <https://doi.org/10.3390/bios14020071> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Electrochemically synthesized MIPs for sensor applications in healthcare diagnostics

Ayankojo, Akinrinade George; Reut, Jekaterina; Sõritski, Vitali Molecularly imprinted polymers : Computational studies to advanced applications 2025 / p. 167-197 https://doi.org/10.1007/978-3-031-67368-9_6

Electrode placement strategies for the measurement of radial artery bioimpedance : simulations and experiments

Pesti, Ksenija; Metshein, Margus; Annus, Paul; Köiv, Hip; Min, Mart IEEE transactions on instrumentation and measurement 2021 / 10 p. : ill <https://doi.org/10.1109/TIM.2020.3011784> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Elektroneuromüograafia kui kliiniline abimeetod ölavöötme ja ülajäsemete kutsekahjustuste diagnoosimisel

Tuulik, Viiu; Puksa, Leena; Pille, Viive Eesti Töötervishoid 2001 / 3, lk. 19-21

Elli Valla selgitas, kuidas võib tehisintellekti areng mõjutada tulevikus haiguste diagnoosimist ja nende ravimist

Valla, Elli kanal2.ee 2024 [Elli Valla selgitas, kuidas võib tehisintellekti areng mõjutada tulevikus haiguste diagnoosimist ja nende ravimist](#)

Factors associated with advanced-stage diagnosis of cervical cancer in Estonia: a population-based study

Šavrova, Aleksandra; Jaal, Jana; Nõmm, Oskar; Inno, Kaire Public health 2023 / p. 369-375 <https://doi.org/10.1016/j.puhe.2023.10.025>

Familial hypercholesterolemia management tool in the North Estonia Medical Centre

Heinsar, Silver; Viigimaa, Margus 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 34, 37 http://www.estet.ee/record=b4819912*est

Fear of knowledge : clinical hypotheses in diagnostic and prognostic reasoning

Chiffi, Daniele; Zanotti, Renzo Journal of evaluation in clinical practice 2017 / p. 928-934 <https://doi.org/10.1111/jep.12664> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Fetal trisomy 13 and 21 mosaicism diagnosed at amniocentesis : a case report

Velthut, Agne; Peters, Maire; Roovere, Tiitu; Kilusk, Gerli; Horelli-Kuitunen, Nina; Šois, Marek; Salumets, Andres Prenatal diagnosis 2009 / 10, p. 995-997 <https://pubmed.ncbi.nlm.nih.gov/19565618/>

Finite element modelling for the optimization of microheating in disposable molecular diagnostics [Electronic resource]
Pardy, Tamas; Rang, Toomas; Tulp, Indrek 14th International Conference on Simulation and Experiments in Heat Transfer and its Applications : Heat Transfer 2016 : 7-9 September, 2016 Ancona, Italy : unedited papers 2016 / p. [144-155] : ill. [USB]

Finite element modelling of the resistive heating of disposable molecular diagnostics devices
Pardy, Tamas; Rang, Toomas; Tulp, Indrek Computational methods and experimental measurements XVII 2015 / p. 381-391 : ill
<http://dx.doi.org/10.2495/CMEM150341>

FPGA-based implementation of EEG analyzer for detection of depressive disorder
Pesonen, Vadim; Gorev, Maksim; Mihailov, Dmitri Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 67-70 : ill

Fundamentals, recent advances, and future challenges in bioimpedance devices for healthcare applications
Naranjo-Hernandez, David; Reina-Tosina, Javier; **Min, Mart** Journal of sensors 2019 / art. 9210258, 42 p. : ill
<https://doi.org/10.1155/2019/9210258> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Füüsilise ülekoormushaiguse diagnoosimine vajab detailset riskianalüüsiti
Kahn, Hubert; Moks, Milvi; Pille, Viive; **Tuulik, Viiu** Eesti Töötervishoid 2003 / 1, lk. 5-7

Füüsilisest ülekoormusest põhjustatud ülajäsemete, kaela ja õlavöötme kutsehaiguste diagnoosimine ja preventsioon : metoodiline materjal
Kahn, Hubert; Moks, Milvi; **Tuulik, Viiu**; Pille, Viive 2003 https://www.estet.ee/record=b1761862*est

Geenid aitavad peatselt südamehaigusi ennetada
Vikat, Marilin Postimees 2021 / Lk. 24 : fot <https://dea.digar.ee/article/postimees/2021/01/26/21.5>

Global perspective of familial hypercholesterolaemia : a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC)

Vallejo-Vaz, Antonio J.; Stevens, Christophe A. T.; Lyons, Alexander R. M.; Dharmayat, Kanika I.; Freiberger, Tomas; Hovingh, G. Kees; Mata, Pedro; Raal, Frederick J.; Santos, Raul D.; **Viigimaa, Margus** The Lancet 2021 / p. 1713-1725
[https://doi.org/10.1016/S0140-6736\(21\)01122-3](https://doi.org/10.1016/S0140-6736(21)01122-3)

A Guide to biodetection in droplets
Bartkova, Simona; Zapotoczna, Marta; Sanka, Immanuel; Scheler, Ott Analytical chemistry 2024 / p. 9745-9755
<https://doi.org/10.1021/acs.analchem.3c04282>

HPV self-sampling among cervical cancer screening nonattenders : a feasibility study in Estonia
Hallik, Reeli; **Innos, Kaire**; Jänes, Jaak; Veerus, Piret European Journal of Public Health 2021 / p. iii138-iii139
<https://doi.org/10.1093/eurpub/ckab164.362>

Hüpertensiooni ja ateroskleroosi diagnostika ning ravi tehnoloogiate uurimisrühm = Research Group for the Diagnosis and Treatment Technologies of Hypertension and atherosclerosis

Viigimaa, Margus Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühingut = Health technologies yesterday, today and tomorrow : 30 years of the Department of Health Technologies and the Estonian Society for Biomedical Engineering and Medical Physics 2024 / lk. 43-46, p. 41-44 : ill

Immunoglobulin G glycosylation profiling in patients with gastric cancer = Immunglobuliin G glükosüleerituse profileerimine maovähihaigetele
Kodar, Kristel 2012

The impact and future of artificial intelligence in medical genetics and molecular medicine : an ongoing revolution
Ozcelik, Fırat; Dundar, Mehmet Sait; Yıldırım, A. Baki; Henehan, Gary; Vicente, Oscar; Sanchez-Alcazar, Jose; Gokce, Nuriye; Yıldırım, Duygu T.; Bingol, Nurdeniz Nalbant; **Nei, Lembit** Functional & integrative genomics 2024 / art. 138
<https://doi.org/10.1007/s10142-024-01417-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Implementation and verification of new VWF:Ac assay system with components from different manufacturers
Pikta, Marika; Zolotareva, Valeria; Törne, Jelena; Viigimaa, Margus; Banys, Valdas Laboratorine medicina 2016 / p. 185-188 : ill
https://www.researchgate.net/publication/312072535_Implementation_and_Verification_of_New_VWFAC_Assay_System_with_Components_from_Different_Manufacturers

Implementation of alternative ristocetin reagent on impedance aggregometry analyzer
Pikta, Marika; Zolotarev, V.; Banys, Valdas Clinica chimica acta 2019 / p. S63-S64 <https://doi.org/10.1016/j.cca.2019.03.141>

Implementation of innovative techniques in the diagnostic work-up of von Willebrand disease = Innovaatiliste meetodite juurutamine von Willebrandi tõve diagnostikas

Pikta, Marika 2023 <https://doi.org/10.23658/taltech.38/2023> <https://digikogu.taltech.ee/et/Item/99859b1f-55b3-431c-abf6-4ca2c3fab9ca>
https://www.esther.ee/record=b5570874*est

In freezer storage of plasmas for delayed coagulation factors testing does not affect the results

Pikta, Marika; Laane, Edward; Zolotareva, Valeria; Titova, Tatjana; Banys, Valdas Laboratorine medicina 2018 / p. 35
https://www.balm2018.lt/wp-content/uploads/2018/05/Lab_Med_2018_SPEC.pdf

Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC) devices

Pardy, Tamas; Tulp, Indrek; Kremer, Clemens; **Rang, Toomas**; Stewart, Ray PLoS ONE 2017 / p. 1-11 : ill
<https://doi.org/10.1371/journal.pone.0189968> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Intermittency and long-range structurization of heart rate = Südamerütmä pikamastaabiline kord ja juhumuutlikkus Säkki, Maksim 2005 https://www.esther.ee/record=b2097469*est

Interpretable quantitative description of the digital clock drawing test for Parkinson's disease modelling

Nõmm, Sven; Mašarov, Ilja; Toomela, Aaro; Medijainen, Kadri; Taba, Pille 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1839-1844 : ill
<https://doi.org/10.1109/ICARCV.2018.8581074>

Investigation of photoplethysmographic signal augmentation index estimation differences between fingers

Pilt, Kristjan; Silluta, Sandra; Kööts, Kristina; Karai, Deniss; Meigas, Kalju; Viigimaa, Margus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 819-822 : ill https://doi.org/10.1007/978-981-10-5122-7_205 [Conference proceedings at Scopus Article at Scopus](#) [Article at WOS](#)

ITK sai kaasaegseima diagnostikaseadme

mu.ee 2022 [ITK sai kaasaegseima diagnostikaseadme](#)

Kaasaskantav seade hindab aju seisundit : [TTÜ teadlaste leiutatud EEG analüsaatorist]

Imeline Teadus 2013 / lk. 96 : ill

Konverents: kuidas hoida arterite tervist?

Nõges, Krõõt arst.ee 2023 [Konverents: kuidas hoida arterite tervist?](#)

Kuidas allutada rakk inimese tahtele?

Neuman, Toomas Horisont 2016 / lk. 28-34 : fot https://artiklid.elnet.ee/record=b2755091*est

Leveraging artificial intelligence for microkinematic analysis of fine motor skills in Parkinson's disease detection = Tehisintellekti rakendamine peenmootorika mikrokinemaatilises analüüsides Parkinsoni töve tuvastamiseks

Valla, Elli 2025 <https://digikogu.taltech.ee/et/Item/e7c8ea35-6739-43fc-8f24-0c8607c62346> <https://doi.org/10.23658/taltech.26/2025>
https://www.esther.ee/record=b5747730*est

A light-weight CNN model for efficient Parkinsons disease diagnostics

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; Medijainen, Kadri; Taba, Pille; Toomela, Aaro; **Nõmm, Sven**; Ruzhansky, Michael 36th IEEE International Symposium on Computer-Based Medical Systems, CBMS 2023, Aquila, 22-24 June 2023 2023 / p. 616-621 <https://doi.org/10.1109/CBMS58004.2023.00289> [Conference proceedings at Scopus Article at Scopus](#) [Article at WOS](#)

Lihtrne leiutis sai Euroopa patendi : [TTÜ professori ja tema kolleegide diagnostikaseade]

Min, Mart Postimees 2009 / 30. okt., lk. 4 <https://leht.postimees.ee/181551/lihtne-leiutis-sai-euroopa-patendi>

Lisinoprilli ööpäevane vererõhku langetav efektiivsus kerge ja keskmise raskusastmega arteriaalse hüpertensiooni patsientidel

Hansen, Sirje; Špilova, Tatjana; Pšenitšnikov, Igor; Puusaag, Maie; Kalle, Anneli; **Viigimaa, Margus** Eesti Arst 2005 / 7, lk. 461-465
https://artiklid.elnet.ee/record=b1051074*est

Maailma muutvad tilgad

Pardy, Tamas; Vaaks, Eveliis Trialoog 2025 <https://traloog.taltech.ee/maailma-muutvad-tilgad/>

Machine learning assisted methodology for multiclass classification of malignant brain tumors

Vidyarthi, Ankit; Agarwal, Ruchi; Gupta, Deepak; **Sharma, Rahul; Draheim, Dirk**; Tiwari, Prayag IEEE Access 2022 / p. 50624-50640 <https://doi.org/10.1109/ACCESS.2022.3172303> [Journal metrics at Scopus Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

Measurements of arteries by laser

Meigas, Kalju Estonian Science Foundation 2008 2009 / p. 17-18 : ill

Meditsiinidiagnostika labor käepärastest vahenditest

Strandberg, Marek Inseneeria 2015 / lk. 9 : ill https://artiklid.elnet.ee/record=b2738561*est

Meditsiinitehnika - terviseinseneering

Hinrikus, Hiie; Lass, Jaanus; Meigas, Kalju; Fridolin, Ivo Teadusmõte Eestis. 4, Tehnikateadused. 2 2007 / lk. 17-25 : ill

Melanoma markers and new treatment perspectives = Melanoomi markerid ja uued raviperspektiivid

Teras, Marina 2020 <https://digikogu.taltech.ee/el/item/2f47c955-8e96-4848-86e6-356def7869c> Doktoritöö annab vihjeid, kuidas viirusega melanoomi ravida (novaator.err.ee, 7.09.2020)

Method for early detection of cancer by microwave radiometer

Riipulk, Jevgeni; Hinrikus, Hiie 4th European Conference on Engineering and Medicine "Bridging East and West", Warsaw, Poland, May 25-28, 1997 : book of abstracts 1997 / p. 191

Methods for increased sensitivity and scope in automatic segmentation and detection of lung nodules in CT images

Gupta, Anindya; Märtens, Olev; Le Moullec, Yannick; Saar, Tõnis The 15th IEEE International Symposium on Signal Processing and Information Technology ISSPIT 2015 : December 7-10, 2015, Abu Dhabi, UAE : proceedings 2015 / p. 370-375 : ill

Microheating solution for molecular diagnostics devices = Mikrosoojendamine molekulaardiagnostika seadistes

Pardy, Tamas 2018 <https://digi.lib.ttu.ee/i/?9249> https://www.esther.ee/record=b4759173*est

Microwave antenna of thermal radiometer for medical diagnostics

Hinrikus, Hiie IX Nordic Meeting on Medical and Biological Engineering, Lund, Sweden, June 13-16, 1993 1993

Microwave radiometry for cancer detection

Hinrikus, Hiie; Krasavin, Jevgeni; Põdra, Harri Model based biomeasurements : proceedings of the 7th International IMEKO TC-13 Conference on Measurement in Clinical Medicine, Stara Lesna, Slovakia, September 6-9, 1995 1995 / p. 221-225: ill

Microwave radiometry for medical applications

Riipulk, Jevgeni; Hinrikus, Hiie Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 99-102: ill

Microwave radiometry for medical applications

Riipulk, Jevgeni 2000 http://www.esther.ee/record=b1416062*est

Milline on parim ägeda müeloidse leukeemia induktsioonravi?

Laane, Edward Eesti Arst 2011 / lk. 385 : fot https://artiklid.elnet.ee/record=b2432456*est

Model of an inductive sensor of cardiac activity attached to patient

Vedru, Jüri; Gordon, Rauno Journal of physics : conference series 2010 / 1, p. 012010 <https://iopscience.iop.org/article/10.1088/1742-6596/224/1/012010>

Modelling and experimental characterisation of self-regulating resistive heating elements for disposable medical diagnostics devices

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Materials characterization VII 2015 / p. 263-271 : ill

Molecularly imprinted polymers interfaced with label-free transducers : towards development of chemosensors for medical diagnostics and environmental monitoring

Sõritski, Vitali SMCBS'2019 : the 9th International Workshop on Surface Modification for Chemical and Biochemical Sensing, Źelechów (near Warsaw), Poland, 8-12 November, 2019 : programme & book of abstracts 2019 / p. 122 : ill
https://www.smCBS2019.pl/_ftp/SMCBS2019_Book_of_abstracts.pdf

Molekulaarselt jälgendatud polümeerid: kaasaegsed biomimeetilised sensormaterjalid meditsiiniliseks diagnostikaks ja keskkonnaseireks

Sõritski, Vitali Eesti Vabariigi preemiad 2023 : teadus. F. J. Wiedemann keeleauhind. Sport. Kultuur. Haridus 2023 / lk. 92-107
<https://doi.org/10.3176/evp.2023.05> https://www.esther.ee/record=b1226072*est

Multiparameter flow cytometry in haematological malignancies

Laane, Edward 2011

Navigating major healthcare challenges in the face of prolonged effects of long COVID

Khalid, Sadia The European Sting 2023 [Navigating Major Healthcare Challenges in the Face of Prolonged Effects of Long COVID](https://www.esther.ee/record=b1226072*est)

Neural network method as a method for the diagnozing of vigilance levels of central nervous system by occupational chemical stress

Neural network method to determine the vigilance levels of the central nervous system, related to occupational chronic chemical stress

Tuulik, Viiu; Raja, Aimur; Meister, Ants; Lossmann, Eerik Technology and health care 1997 / 3, p. 243-251: ill

Neuroloogiliste kutsekahjustuste diagnoosimisest

Tuulik, Viiu Eesti Töötervishoid 1998 / 2, lk. 20-21

New method and electronic system for the human brain hydrodynamic diagnosing

Ragauskas, A.; Daubaris, G. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 133-139: ill

Noninvasive acquisition of the aortic blood pressure waveform

Min, Mart; Kõiv, Hip; Priidel, Eiko; Pesti, Ksenija; Annus, Paul Wearable devices 2019 / 16 p. : ill
<https://doi.org/10.5772/intechopen.86065>

Närvisüsteemi funktsionaalsete häirete varajane diagnostika tööstustöölistel toksiliste aineteega professionaalse kontakti puhul = The functional disorders of central nervous systems of chemistry workers : [dissertatsiooni teesid]

Tuulik, Viiu 1994 https://www.esther.ee/record=b1065761*est

On diagnosing the functional state of the CNS in case of neurotoxic diseases

Tuulik, Viiu; Lossmann, Eerik; Raja, Aimur; Meister, Ants Journal of neural transmission. General section 1995 / 3, p. XLIX

Optical heartbeat sensor

Rubins, U.; Spigulis, Janis BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 53-56: ill

Optical pulse wave signal analysis for determination of early arterial ageing in diabetic patients = Optilise pulsilaine signaali analüüs arterite varase vananemise määramiseks diabeedihaigetel

Pilt, Kristjan 2014 https://www.esther.ee/record=b3049979*est

Optimising of signal processing parameters in cardiovascular diagnostics

Meigas, Kalju; Kattai, Rain; Lass, Jaanus Medicon 2001 : IX Mediterranean Conference on Medical and Biological Engineering and Computing : June 12-15, 2001, Pula, Croatia : [proceedings]. Part I 2001 / p. 328-331 : ill

Pap-smear and cervical cancer in Estonia : a population-based case-control study

Nömm, Oskar; Veerus, Piret; Innos, Kaire European journal of public health 2021 / p. iii431 <https://doi.org/10.1093/eurpub/ckab165.246>

Parkinson's disease diagnostics based on the analysis of digital sentence writing test

Netšunajev, Aleksei; Nömm, Sven; Toomela, Aaro; Medijainen, Kadri; Taba, Pille Vietnam journal of computer science 2021 / p. 493-512 <https://doi.org/10.1142/S219688821500238> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Patenting of genetic research in Europe and the U.S. : a questionable future for diagnostic methods and personalized medicines

Minn, Mari Biotechnology law report 2019 / p. 92-115 <https://doi.org/10.1089/blr.2019.29108.mm> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Peeter Ross: radioloogia areng on väga kiire ja liigub aina enam mitmemõõtmelise pildi esitamise suunas

Ross, Peeter med24.ee 2024 [Peeter Ross: radioloogia areng on väga kiire ja liigub aina enam mitmemõõtmelise pildi esitamise suunas](https://www.esther.ee/record=b5245642*est)

Personaalne kopsuvähiravi suunas : [noorteadlaste konkursi Teadus kolme minutiga ettekanne]

Truumees, Birgit Teadus kolme minutiga : 2017-2019 2019 / lk. 118-121 : portr., ill https://www.esther.ee/record=b5245642*est

Perspectives on clinical possibility : elements of analysis

Chiffi, Daniele; Zanotti, Renzo Journal of evaluation in clinical practice 2016 / p. 509-514 <http://dx.doi.org/10.1111/jep.12447>

Photopolymerized molecularly imprinted polymer tailored for electrochemical detection of brain-derived neurotrophic factor on screen-printed electrodes

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali EUPOC 2018 : Biomimetic Polymers by Rational Design, Imprinting and Conjugation : 20 - 24 May 2018, Como, Social Como Theatre : abstract booklet & list of participants [p.o. participants] 2018 / P22, p. 76 : ill [EUPOC 2018](https://www.esther.ee/record=b5245642*est)

Polüneuroopaatiasündroomi diagnoosimisest töömeditsiinis
Tuulik, Viiu Eesti Arst 1996 / 3, lk. 208-211

Portable qEEG and HD-tCS device for point-of-injury traumatic brain injury diagnostics
Strisland, Frode; Vedum, Jon; Liverud, Anders; Dalgard, Steffen; Brødreskift, Tomas; Albert, Bruno; Noyvirt, Alexandre; **Vene, Karl; Herranen, Henrik; Kirs, Maarjus** Phealth 2017 : proceedings of the 14th International Conference on Wearable Micro and nano Nano Technologies for Personalized Health : 14-16 May 2017, Eindhoven, The Netherlands 2017 / p. 198-203
<https://doi.org/10.3233/978-1-61499-761-0-198> Conference proceedings at Scopus Article at Scopus Article at WOS

Practice theoretical approach on the reasons why target group women refrain from taking breast cancer screening
Lubi, Kadi; Savicka, Vita; Koora, Marilyn; Nool, Irma; Tupits, Mare; Mets-Oja, Silja Patient education and counseling 2021 / p. 3053-3058 <https://doi.org/10.1016/j.pec.2021.03.028>

A preliminary computer-aided technique for CT based lung segmentation
Gupta, Anindya; Märtens, Olev; Le Moullec, Yannick Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 43-46 : ill

Preparation of a surface-grafted protein-selective polymer film by combined use of controlled/living radical photopolymerization and microcontact imprinting
Kidakova, Anna; Reut, Jekaterina; Rappich, Jörg; **Öpik, Andres; Sõritski, Vitali** Reactive and functional polymers 2018 / p. 47-56
<https://doi.org/10.1016/j.reactfunctpolym.2018.02.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Prostate specific antigen-imprinted film on SPR sensor surface by combining the microcontact imprinting method and the surface initiated photopolymerization
Kidakova, Anna; Sõritski, Vitali; Reut, Jekaterina; **Öpik, Andres** MIP2016 : the 9th International Conference on Molecular Imprinting : June 26-30, 2016, Elite Hotel Ideon, Lund, Sweden 2016 / p. [221] : ill

QEEG-based methods for diagnosing the vigilance levels
Raja, Aimur; Tuulik, Viiu; Lossmann, Eerik; Meister, Ants; Riisalo, R.; Altrov, Epp VIII Mediterranean Conference on Medical and Biological Engineering and Computing : Medicon'98, June 14-17, 1998, Lemesos, Cyprus : final programme and abstracts of papers 1998 / p. 109

QEEG-based methods for diagnosing the vigilance levels
Raja, Aimur; Tuulik, Viiu; Lossmann, Eerik; Meister, Ants; Riisalo, R.; Altrov, Epp VIII Mediterranean Conference on Medical and Biological Engineering and Computing : Medicon'98, June 14-17, 1998, Lemesos, Cyprus : [proceedings : CD-ROM] 1998 / [4] p.: ill

Ruthenium oxide electrode integrated with molecularly imprinted polymer for direct electrochemical sensing of a neurotrophic factor protein
Ayankojo, Akinrinade George; Reut, Jekaterina; Boroznjak, Roman; Sõritski, Vitali Sensors and Actuators B: Chemical 2025 / art. 137301 <https://doi.org/10.1016/j.snb.2025.137301>

Selection of EEG frequency bands for detection of depression
Kalev, Kaia; Bachmann, Maie 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 55-58 https://doi.org/10.1007/978-3-319-12967-9_15 Conference proceedings at Scopus Article at Scopus Article at WOS

Self-mixing in a diode laser as a method for cardiovascular diagnostics
Meigas, Kalju; Hinrikus, Hiie; Kattai, Rain; Lass, Jaanus Journal of biomedical optics 2003 / 1, p. 152-160

Sensor-location-specific joint acquisition of peripheral artery bioimpedance and photoplethysmogram for wearable applications
Metshein, Margus; Abdullayev, Anar; Gautier, Antoine; Larras, Benoit; Frappe, Antoine; Cardiff, Barry; **Annus, Paul; Land, Raul; Märtens, Olev** Sensors 2023 / art. 7111 <https://doi.org/10.3390/s23167111> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sensormaterjalid molekulaarselt jälgendatud polümeeridest meditsiiniliseks diagnostikaks ja keskkonnaseireks
Öpik, Andres; Sõritski, Vitali; Reut, Jekaterina Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 227-237 : ill., fot [https://www.estar.ee/record=b5208765*est](http://www.estar.ee/record=b5208765*est)

Sentence writing test for Parkinson disease modeling: comparing predictive ability of classifiers
Netšunajev, Aleksei; Nõmm, Sven; Toomela, Aaro; Medijainen, Kadri; Taba, Pille Intelligent Information and Database Systems : 12th Asian Conference, ACIIDS 2020, Phuket, Thailand, March 23-26, 2020 : proceedings, Part I 2020 / p. 345-357
https://doi.org/10.1007/978-3-030-41964-6_30 Conference proceedings at Scopus Article at Scopus Article at WOS

A small-size sleep apnea pre-screening prototype for neonates and children

Leier, Mairo; Jervan, Gert Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 49-52 : ill

Some computerised methods for diagnosing the CNS vigilance levels

Tuulik, Viiu; Raja, Aimur; Lossmann, Eerik; Meister, Ants Abstracts of European Symposium on Medical Imaging and Networking, Antverpen, Holland, 1998 1998

Sonic Hedgehog pathway activity in prostate cancer

Bragina, Olga; Njukova, Natalja; Sergejeva, Svetlana; Järvekülg, Lilian; Kogerman, Priit Oncology letters 2010 / 2, p. 319-325 : ill
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3436354/>

A survey on open-access reference image database for lung cancer

Gupta, Anindya; Märtens, Olev; Le Moullec, Yannick Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 47-50 : ill

A survey using high-throughput sequencing suggests that the diversity of cereal and barley yellow dwarf viruses is underestimated

Sõmera, Merike; Massart, Sébastien; Tamisier, Lucie; Sooväli, Pille; Sathees, Kanitha Frontiers in microbiology 2021 / art. 673218
<https://doi.org/10.3389/fmicb.2021.673218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tallinna Tehnikaülikool ja PERH loovad tervishoius innovatsiooni [Võrguväljaanne]

tervise.geenius.ee 2022 ["Tallinna Tehnikaülikool ja PERH loovad tervishoius innovatsiooni"](#)

Tallinna Tehnikaülikool ja Synlab Eesti alustasid koostööd kliiniliste kiirtestide väljaarendamiseks

Mente et Manu 2021 / lk. 13 [Mente et Manu 1/2021](#) https://www.estet.ee/record=b1242496*est

TalTechi teadlased lõid uue meetodi Sclerosis Multiplex'i diagnostika arendamisel

Mente et Manu 2021 / lk. 13 [Mente et Manu 1/2021](#)

TalTechi teadlased lõid uue meetodi sclerosis multiplexi diagnostika arendamisel [Võrguväljaanne]

mu.ee 2021 ["TalTechi teadlased lõid uue meetodi sclerosis multiplexi diagnostika arendamisel!"](#)

TalTechi teadlaste juhend aitab laboris veetilkade abil suuri avastusi teha

Bartkova, Simona postimees.ee 2024 [TalTechi teadlaste juhend aitab laboris veetilkade abil suuri avastusi teha](#)

Tehisintellekt oskab näha Parkinsoni töve algust inimese käekirjast

mu.ee 2023 [Tehisintellekt oskab näha Parkinsoni töve algust inimese käekirjast Tehisaru aitab leida joonistustestidest Parkinsoni töve varajasi jälgia](#)

The diagnostics of inherited metabolic diseases in Estonia

Öunap, Katrin; Joost, Kairit; Kall, K.; Krabbi, Külli; **Laht, Tiiu-Maie**; Zordania, Riina Laboratorine medicina 2008 / p. 17-18

The metabolic pattern could be used for early detection of stable ischemic heart disease and hypertensive heart disease

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Samoson, Ago Revue d'epidemiologie et de sante publique 2018 / p. S328 <https://doi.org/10.1016/j.respe.2018.05.243>

The metabolic profile of ischemic heart disease patients with or without previous MI by serum 1H NMR is similar

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; Pikta, Marika; Zemtsovskaja, Galina; Shin, Min-Ji; Viigimaa, Margus; Tanner, Risto; Samoson, Ago 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 47-48
http://www.estet.ee/record=b4819912*est

The metabolic profile of ischemic heart disease by serum 1H NMR

Shin, Min-Ji; Titma, Tiina; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago 2017 Annual Meeting : abstract supplement : late-breaking abstract submissions : 2017, Baltimore 2017 / p. 154 <https://www.toxicology.org/pubs/docs/Tox/2017ToxSup.pdf>

The metabolic profile of stable ischemic heart disease by serum 1H NMR

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago Applied magnetic resonance 2019 / p. 527–539 : ill <https://doi.org/10.1007/s00723-018-1084-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The relationship of concentration of zinc and copper as symptom for diagnosis of heavy metals background in organisms

Vitak, Anu; Hödrejärv, Helvi; Vaarmann, Aini; Treumann, Maili First Baltic Symposium on Environmental Chemistry : 26-29

Thermal analysis of a disposable, instrument-free DNA amplification lab-on-a-chip platform

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Sensors 2018 / art. 1812, 13 p. : ill <https://doi.org/10.3390/s18061812> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A tool for lung nodules analysis based on segmentation and morphological operation

Gupta, Anindya; Märtens, Olev; Le Moullec, Yannick; Saar, Tõnis 2015 IEEE 9th International Symposium on Intelligent Signal Processing (WISP 2015) : Siena, Italy, 15-17 May 2015 : [proceedings] 2015 / p. 193-197 : ill
<http://dx.doi.org/10.1109/WISP.2015.7139186>

Täielik kosmos! TalTechi teadlased osalevad murrangulises terviseprojektis

digi.geenius.ee 2024 [Täielik kosmos! TalTechi teadlased osalevad murrangulises terviseprojektis](#)

Täiskasvanute kõrgvererohktöve käsitlus esmatasandil : Eesti ravijuhend RJ-I/1.2-2019 [Võrguteavik]

2019 https://www.estet.ee/record=b5288532*est <https://ravijuhend.ee/tervishoiuvarav/juhendid/134/taiskasvanute-korgvererohktove-kasitlus-esmatasandil#cd43ba3b>

Understanding the extended consequences of COVID-19: It's not over yet, maybe

Khalid, Sadia The European Sting 2023 [Understanding the extended consequences of COVID-19: It's not over yet, maybe](#)

Unsupervised feature mapping via stacked sparse autoencoder for automated detection of large pulmonary nodules in CT images

Gupta, Anindya; Saar, Tõnis; Märtens, Olev; Le Moullec, Yannick Elektronika ir elektrotehnika = Electronics and electrical engineering 2017 / p. 59-63 : ill <https://doi.org/10.5755/j01.eie.23.6.19695> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Using neural networks to model self-immune disease in terms of the alterations of the dynamic electrical impedance

Giannoukos, Georgios; Min, Mart Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014) : Rhodes, Greece, 22-28 September 2014 2015 / p. 850001-1 - 850001-4 <https://doi.org/10.1063/1.4913056> Conference proceedings at Scopus Article at Scopus Article at WOS

Ustus Aguri nimelise stipendiumi pärvis TalTechi doktorant Elli Valla

postimees.ee 2024 [Ustus Aguri nimelise stipendiumi pärvis TalTechi doktorant Elli Valla](#)

Uudne diagnostikameetod määrab ära pärliku rinnavähiriski : [TTÜ Vähiuringute Tehnoloogia Arenduskeskuse teadustööst]

Lõhmus, Alo Postimees 2008 / 1. aug., lk. 4-5 <https://www.postimees.ee/23910/uudne-diagnostikameetod-maarab-ara-parliku-rinnavahiriski>

Uudne sensor aitab C-hepatiiti senisest varem avastada [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2022 ["Uudne sensor aitab C-hepatiiti senisest varem avastada"](#)

Uudne võimalus aitab varakult diagnoosida hulgiskleroosi

Horisont 2021 / lk. 4 : fot https://www.estet.ee/record=b1072243*est

Validation of simulations of eddy current methods with measurements on phantom materials for biomedical engineering R&D

Pesti, Ksenija; Kõiv, Hip; Gordon, Rauno International journal of bioelectromagnetism 2015 / p. 57-63 : ill

Validation of simulations of eddy current methods with measurements on phantom materials for biomedical engineering R&D

Pesti, Ksenija; Kõiv, Hip; Gordon, Rauno The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill

Varieties of probability in clinical diagnosis

Giaretta, Pierdaniele; Chiffi, Daniele Acta Baltica historiae et philosophiae scientiarum 2018 / p. 5-27 <http://www.bahps.org/acta-baltica/abahps-6-1> Journal metrics at Scopus Article at Scopus

Veebiseminar: Perekondliku hüperkoleoleemia praktiline käsitlus aastal 2021 [Võrguväljaanne]

med24.ee 2021 ["Veebiseminar: Perekondliku hüperkoleoleemia praktiline käsitlus aastal 2021"](#)

Von Willebrand factor multimeric assay in acquired von Willebrand disease diagnosis : a report of experience from North Estonia Medical Centre

Pikta, Marika; Banys, Valdas; Szanto, Timea; Joutsi-Korhonen, Lotta; Vaide, Ines; Varik, Mirja; Lehtinen, Anna-Elina; Giangrande, Paul; Laane, Edward Journal of laboratory physicians 2021 / p. 195-201 <https://doi.org/10.1055/s-0041-1730818>

Искусственный интеллект может найти ранние признаки Паркинсона в рисунках

Valla, Elli nauka.err.ee 2024 [Искусственный интеллект может найти ранние признаки Паркинсона в рисунках](#)

Некоторые новые методы диагностики утомления

Kristjuhan, Ülo XV съезд Всесоюзного физиологического общества имени И. П. Павлова, Кишинев, 1987. Т. 1, Тезисы докладов на пленарных заседаниях, симпозиумах и заседаниях "круглых столов" 1987 / с. 322
https://www.esther.ee/record=b3798917*est

Рентгено-хирургические методы диагностики и лечения острого инфаркта миокарда : дисс. ... доктора медицинских наук : (14.00.44)

Eha, Jaan 1990 https://www.esther.ee/record=b1226898*est

Субъективные и объективные методы в диагностике утомления

Kristjuhan, Ülo Гигиена труда и профессиональные заболевания 1983 / с. 29-33 https://www.esther.ee/record=b1843514*est