

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

Raja, Aimur; Meister, Ants; Tuulik, Viuu; 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 teraapias : 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; Szilasiova, 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 kasvatusesest 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.ester.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.; Biankin, Andrew V.; Boutros, Paul C.; **Uusküla-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 arandavat analüüsimeetodit kommenteerib Tõnis Timmusk]

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

Biochemical diagnosis of classical galactosemia and mucopolysaccharidoses in Estonia = Klassikalise galaktoseemia ja mukopolüsahharidooside biokeemiline diagnostika Eestis

Krabbi, Külliki 2012 <https://digi.lib.ttu.ee/i/7736>

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.ester.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; Paziienza, 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.ester.ee/record=b5056535*est

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

Zarembo, Sergei; Nõmm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro Recent Challenges in Intelligent Information and Database Systems : 13th Asian Conference, ACIDS 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; Banyš, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 teledermatology 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
Valla, Elli; Laur, Henry; Nõmm, Sven; Medijainen, Kadri; Taba, Pille; Toomela, Aaro 2023 International Conference on Machine Learning and Applications (ICMLA) 2023 / p. 1066-1071 : ill <https://doi.org/10.1109/ICMLA58977.2023.00158>

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.; Biankin, 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 sümptomeid

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

Design of orthesys for correction of human gait

Kuznetsov, 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, Francec; 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; Märten, 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 õlavöötme ülekoormushaiguste ennetusmudeli väljatöötamine

Pille, Viive 2016 <https://digi.lib.ttu.ee/i/?6970> https://www.ester.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](#)

Digikaksikute ajastu tervishoius

Spuul, Pirjo Trialoog 2025 <https://trialoog.taltech.ee/digikaksikute-ajastu-tervishoius/> https://haldus.taltech.ee/sites/default/files/2025-06/MM_2025-2%20uus.pdf?_ga=2.232118294.829146956.1760013669-1142243587.1753946719&_gl=1*rrv05g*_gcl_au*MTEzMTMxNTYuMTc1NDAYNjYzMw..

Digitaalne sensorplatvorm meditsiiniliseks diagnostikaks ja keskkonnaseireks

Mente et Manu 2018 / lk. 34 : ill http://www.ester.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 liikvorianalüüsil : kliiniline ja patofüsioloogiline tähendus

Reimand, Juhan 2021 <https://doi.org/10.23658/taltech.15/2021> https://www.ester.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.ester.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> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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 Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 107-110 : ill
http://www.ester.ee/record=b2150914*est

Eakate terviseentsüklopeedia

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

Early diagnosing of occupational diseases caused by chemical hazards

Tint, Piia; Tuulik, Viuu; 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.smcbs.pl/_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; Timmusk, 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; Kõiv, 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 olavöötne ja ülajäsemete kutsekahjustuste diagnoosimisel

Tuulik, Viuu; 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; Innos, 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.ester.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 aminocentesis : a case report

Velthut, Agne; Peters, Maire; **Roovere, Tiit;** 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; Mihhailov, 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 riskianalüüsi

Kahn, Hubert; Moks, Milvi; Pille, Viive; **Tuulik, Viu** Eesti Töötervishoid 2003 / 1, lk. 5-7

Füüsilisest ülekoormusest põhjustatud ülajäsemete, kaela ja õlavöötme kutsehaiguste diagnoosimine ja preventatsioon : metoodiline materjal

Kahn, Hubert; Moks, Milvi; **Tuulik, Viu;** Pille, Viive 2003 https://www.ester.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.; Freiburger, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 Ühingu = 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 = Immuunglobuliin G glükosüleerituse profileerimine maovähihaigetel

Kodar, Kristel 2012

The impact and future of artificial intelligence in medical genetics and molecular medicine : an ongoing revolution

Ozcelik, Firat; Dundar, Mehmet Sait; Yildirim, A. Baki; Henehan, Gary; Vicente, Oscar; Sanchez-Alcazar, Jose; Gokce, Nuriye; Yildirim, 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; Tönne, 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.; Banya, 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.ester.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; Banya, 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 = Südamerütmi pikamastaabiline kord ja juhumuutlikkus

Säkki, Maksim 2005 https://www.ester.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; Kõõts, 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](https://www.ester.ee/record=b2097469*est)

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

Imeline Teadus 2013 / lk. 96 : ill

Kas biohakkimine on mõõduv tervisetrend või võimalus oma tervist teadlikumalt juhtida?

Koovit, Joanna goodnews.ee 2025 <https://goodnews.ee/kas-biohakkimine-on-moodu-tervisetrend-voi-voimalus-oma-tervist-teadlikumalt-juhtida/>

Konverents: kuidas hoida arterite tervist?

Nõges, Krõõt arst.ee 2023 [Konverents: kuidas hoida arterite tervist?](https://www.ester.ee/record=b2097469*est)

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 peenmotoorika mikrokinemaatilises analüüsis Parkinsoni tõve tuvastamiseks

Valla, Eli 2025 <https://digikogu.taltech.ee/et/Item/e7c8ea35-6739-43fc-8f24-0c8607c62346> <https://doi.org/10.23658/taltech.26/2025>
https://www.ester.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

Lihtne 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>

Lisinopriili 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

Maaailma muutvad tilgad

Pardy, Tamas; Vaaks, Eveliis Trialoog 2025 <https://trialog.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

Meditiinidiagnostika labor käepärastest vahenditest

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

Meditiinitehnika - 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/et/Item/2f47c955-8e96-4848-86e6-356deff7869c> Doktoritöö annab vihjeid, kuidas viirusega melanoomi ravida (novaator.err.ee, 7.09.2020)

MentSDet: concept of mobile-oriented multimodal information system for determining the patient's mental state

Hovorushchenko, Tetiana; Hovorushchenko, Olha; Korol, Anatolii; Hnenna, Valentyna; **Boyarchuk, Artem** IDDM 2024 : Informatics & Data-Driven Medicine 2024 : Proceedings of the 7th International Conference on Informatics & Data-Driven Medicine, Birmingham, United Kingdom, November 14-16, 2024 2024 / p. 304-318 <https://ceur-ws.org/Vol-3892/> Scopus Conference Proceedings at Scopus

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; Märten, 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 = Mikrosoojendamise molekulaardiagnostika seadistes

Pardy, Tamas 2018 <https://digi.lib.ttu.ee/i/29249> https://www.ester.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.ester.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, Żelechów (near Warsaw), Poland, 8-12 November, 2019 : programme & book of abstracts 2019 / p. 122 : ill

Molekulaarselt jäljendatud polümeerid: kaasaegsed biomimeetilised sensormaterjalid meditsiiniliseks diagnostikaks ja keskkonnaseireks

Sõritski, Vitali Eesti Vabariigi preemiad 2023 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2023 / lk. 92-107
<https://doi.org/10.3176/evp.2023.05> https://www.ester.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](#)

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

Tuulik, Viuu; Raja, Aimur; Meister, Ants; Lossmann, Eerik 4th European Conference on Engineering and Medicine "Bridging East and West", Warsaw, Poland, May 25-28, 1997 : book of abstracts 1997 / p. 375

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

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

Neuroloogiliste kutsekahjustuste diagnoosimisest

Tuulik, Viuu 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 tööstustöölisel toksiliste ainetega professionaalse kontakti puhul = The functional disorders of central nervous system of chemistry workers : [dissertatsiooni teesid]

Tuulik, Viuu 1994 https://www.ester.ee/record=b1065761*est

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

Tuulik, Viuu; 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.ester.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

Nõmm, 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; Nõmm, 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](#)

Personaalse kopsuvähi ravi suunas : [noorteadlaste konkursi Teadus kolme minutiga ettekanne]

Truumees, Birgit Teadus kolme minutiga : 2017-2019 2019 / lk. 118-121 : portr., ill https://www.ester.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](#)

Polügeenne riskiskoor ennustab südame isheemiatõve riski oluliselt varem kui traditsioonilised riskitegurid

Viigimaa, Margus Eesti Arst 2020 / lk. 323-324 http://www.ester.ee/record=b1072028*est

Polüneuropaatiäsündroomi diagnoosimisest töömeditsiinis

Tuulik, Viu 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 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; Märten, 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, Viu; 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, Viu; 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; Märten, 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

Õpik, Andres; Sõritski, Vitali; Reut, Jekaterina Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 227-237 : ill., fot https://www.ester.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, Viu; Raja, Aimur; Lossmann, Erik; Meister, Ants Abstracts of European Symposium on Medical Imaging and Networking, Antwerpen, 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; Märten, Olev; Le Moulec, 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, Sebastien; 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 tervishoiu innovatsiooni [Võrguväljaanne]

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

Tallinna Tehnikaülikool ja Synlab Eesti alustasid koostööd kliiniliste kiirtestide väljaarendamiseks

Mente et Manu 2021 / lk. 13 [Mente et Manu 1/2021](#) https://www.ester.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 tõve algust inimese käekirjast

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

The diagnostics of inherited metabolic diseases in Estonia

Õunap, Katrin; Joost, Kairit; Kall, K.; Krabbi, Külliki; **Laht, Tiit-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.ester.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/Tox2017ToxSup.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

Viitak, Anu; Hödrejärvi, Helvi; Vaarmann, Aini; Treumann, Maili First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 171-172

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; Märten, 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 terviseprojekti

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

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

2019 https://www.ester.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; **Märten, 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 pälvis TalTechi doktorant Elli Valla

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

Uudne diagnostikameetod määrab ära päriliku rinnavähi riski : [TTÜ Vähiuuringute Tehnoloogia Arenduskeskuse teadustööst]

Lõhmus, Alo Postimees 2008 / 1. aug., lk. 4-5 <https://www.postimees.ee/23910/uudne-diagnostikameetod-maarab-ara-pariliku-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.ester.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/abhps-6-1> [Journal metrics at Scopus](#) [Article at Scopus](#)

Veebiseminar: Perekondliku hüperkolesteroleemia praktiline käsitus aastal 2021 [Võrguväljaanne]

med24.ee 2021 ["Veebiseminar: Perekondliku hüperkolesteroleemia praktiline käsitus 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; Joutsu-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.ester.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.ester.ee/record=b1226898*est

Субъективные и объективные методы в диагностике утомления

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