

Accurate dialysis dose evaluation and extrapolation algorithms during online optical dialysis monitoring

Fridolin, Ivo; Karai, Deniss; Kostin, Sergei; Ubar, Raimund-Johannes IEEE transactions on biomedical engineering 2013 / p. 1371-1377 : ill <https://doi.org/10.1109/TBME.2012.2234458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active electrodes for measuring the electrical bioimpedance

Metshein, Margus Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 57-60 : ill

An adaptive filtering system for separation of cardiac and respiratory components of bioimpedance signal

Krivošei, Andrei; Min, Mart; Parve, Toomas; Ronk, Ants 2006 IEEE International Workshop on Medical Measurement and Applications : Benevento, Italy, April 20-21, 2006 2006 / p. 10-15 <https://ieeexplore.ieee.org/document/1644448>

Adaptive secure data transmission method for OSI level 1

Lallo, Pauli; Meigas, Kalju 2005 <https://digi.lib.ttu.ee/i/?15> https://www.estel.ee/record=b1733221*est

Application of the parameters, reflecting ventricular repolarization inhomogeneity for identification of patients with life-threatening arrhythmias

Kaik, Jüri; Lass, Jaanus; Meigas, Kalju Proceedings of the 2nd International Conference on Bioelectromagnetism, 15-18 February 1998, Melbourne, Australia 1998 / p. 27-28: ill <https://ieeexplore.ieee.org/document/666378>

ATR kinase inhibition induces thymineless death in proliferating CD8+ T cells

Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Deppas, Joshua J.; Moiseeva, Tatiana; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U.; Bostwick, Anna; Snyder, Nathaniel W.; Gong, Yi-Nan; Aird, Katherine M.; Delgoffe, Greg M.; Beumer, J.H.; Bakkenist, Christopher J. bioRxiv 2022 <https://doi.org/10.1101/2022.02.24.481821>

Baltic biomedical engineering and physics MSc courses

Auzinsh, Marcis; Spigulis, Janis; Dekhtyar, Yuri; Knets, I.; Katashev, A.; Hinrikus, Hiie; Meigas, Kalju; Kingisepp, Peet-Henn; Soosaar, Andres; Lukosevicius, A.; Öberg, Ake; Roberts, Colin; Tabakov, S.; Lee, J. 2000

Baltic MSc courses on medical physics and biomedical engineering

Auzinsh, Marcis; Hinrikus, Hiie; Meigas, Kalju International Conference on Medical Physics and Engineering in Health Care : Poznan, Poland, 2001 2001 / p. 037

Bioimpedance and spectroscopy

2021 <https://doi.org/10.1016/C2018-0-04440-0>

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](#)

Biomedical electronics

Min, Mart; Parve, Toomas; Salo, Rodney Wiley encyclopedia of biomedical engineering. 1 2006 / p. 500-514

Biomedical engineering - challenges in Europe. Report of the Session, Partnership for Health

Hinrikus, Hiie WHO Fifty fifth Session of the Regional Committee for Europe : Madrid, Spain, 2001 / p. 17-18

Biomedical engineering and medical physics education and professional accreditation in Estonia

Hinrikus, Hiie; Meigas, Kalju Medical physics 2000 / 6, [CD-ROM], Digest of Papers of the 2000 World Congress on Medical Physics and Biomedical Engineering and [...] : Chicago 2000 : July 23-28, 2000, Chicago's Navy Pier, [4] p

Biomedical engineering and medical physics education in Estonia

Hinrikus, Hiie; Meigas, Kalju 12th Nordic Baltic Conference on Biomedical Engineering and Medical Physics : 12NBC 2002, June 18th-22nd, Reykjavik, Iceland 2002 / p. 110-111

Biomedical engineering education and professional accreditation in Estonia

Hinrikus, Hiie; Lipping, Tarmo; Meigas, Kalju Proceedings of 2nd European Medical & Biological Engineering Conference EMBEC'02. 1 2002 / p. 682-683

Biomedical engineering education and professional accreditation in Estonia

Meigas, Kalju; 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. 146-148

Biomedical engineering education in Estonia

Hinrikus, Hiie Model based biomeasurements : proceedings of the 7th International IMEKO TC-13 Conference on Measurement in

Biomedical engineering in Tallinn Technical University

Hinrikus, Hiie BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 603-611 https://www.ester.ee/record=b2150914*est

Biomeditsiin on teaduse kuum sõna : Hiie Hinrikus eelseisvast Põhja- ja Baltimaade Biomeditsiinitehnika konverentsist

Hinrikus, Hiie; Üts, Juta Terviseleht 1999 / 19. mai, lk. 3

Biomeditsiiniinsener - kes see on?

Meigas, Kalju; Kello, Karl Õpetajate Leht 2009 / 11. det., lk. 9 : portr https://artiklid.elnet.ee/record=b1508838*est

Biomeditsiinitehnika - nad juba mõõdavad su ajulaineid!

Tehnoloogia : TTÜ noorteajakiri 2013 / lk. 29 : ill

Biomeditsiinitehnika - teaduse, looduse ja tehnika ühendus

Hinrikus, Hiie Insenerikultuur Eestis. 2 1995 / lk. 30-36 https://www.ester.ee/record=b1063622*est

Biomeditsiinitehnika - tehnoloogia tervise heaks

Hinrikus, Hiie; Bachmann, Maie; Pilt, Kristjan; Meigas, Kalju; Fridolin, Ivo Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 48-58 : ill https://www.ester.ee/record=b5208765*est

Biomeditsiinitehnika instituut sai uued ruumid : [TTÜ Raamatukogu esimesel korrusel]

Mente et Manu 2010 / lk. 1 : fot https://www.ester.ee/record=b1242496*est

Biomeditsiinitehnika tehnomeedikumis, ehk, "Kas haigus hüüab tülles?"

Fridolin, Ivo Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 248-252

Calculation of optimal design for knee joint smart orthosis

Turchinovich, Nikita; Krokhalava, Nadezhda; Monahov, Yuri; **Sivitski, Alina**; Perepelkina, Svetlana; **Penkov, Igor; Arjassov, Gennadi** Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 214-218 : ill <http://innomet.ttu.ee/daaam/>

Calculation of pulse wave transit time and its correlation with blood pressure using different physiological signals [Electronic resource]

Meigas, Kalju; Lass, Jaanus; Kattai, Rain; Karai, Deniss; Kaik, Jüri Proceedings of World Congress on Medical Physics and Biomedical Engineering, Sidney, Australia, 2003 2003 / [4] p. [CD-ROM]

CEBE - Centre for Integrated Electronic Systems and Biomedical Engineering

Fridolin, Ivo; Min, Mart; Ubar, Raimund-Johannes The parliament magazine's research review : European research & innovation 2009 / p. 35

CEBE alustab : [TTÜ 90. aastapäeva raames 18. septembril 2008 avatavast Integreeritud Elektroonikasüsteemide ja Biomeditsiinitehnika Tippkeskusest]

Mente et Manu 2008 / 12. sept., lk. 2 https://www.ester.ee/record=b1242496*est

CEBE rahvusvahelise nõukoja koosolek : [integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskuse CEBE koosolekust Tallinnas 29.-30. aprillil 2009 : lühisõnum]

Mente et Manu 2009 / 8. mai, lk. 3 https://www.ester.ee/record=b1242496*est

CEBE tippkeskuses sünnib tervis ruudus

Aru, Erik Mente et Manu 2015 / lk. 10-11 : fot https://artiklid.elnet.ee/record=b2749535*est

Centre for Integrated Electronic Systems and Biomedical Engineering - CEBE

Ubar, Raimund-Johannes Estonian journal of engineering 2010 / 1, p. 7-10 : ill

Complex signal classification algorithms based on the third-order statistical models

Lossmann, Eerik 1999 https://www.ester.ee/record=b1273070*est

Correlation between measured surface and endocardial electrical signals of heart

Hinrikus, Hiie; Kaik, Jüri; **Meigas, Kalju; Lass, Jaanus** Proceedings of the 2nd International Conference on Bioelectromagnetism, 15-18 February 1998, Melbourne, Australia 1998 / p. 127-128: ill <https://ieeexplore.ieee.org/document/666428>

Design of orthesys for correction of human gait

Kuznetsov, Artem; **Žigailov, Sergei** 13th International Symposium "Topical Problems in the Field of Electrical and Power

Development of methods for real-time in-step anomaly detection in gait analysis = Reaalajaliste meetodite arendus sammusiseste kõrvalkallete tuvastamiseks kõnnianalüüsis

Rostovski, Jakob 2025 https://www.ester.ee/record=b5734578*est <https://digikogu.taltech.ee/et/Item/c25ff8f8-a46a-45ce-b231-23d2d52e7f54>
<https://doi.org/10.23658/taltech.15/2025>

Development of the biomedical electronics course for e-learning

Parve, Toomas; Gordon, Rauno; Min, Mart 14th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : NBC2008 : 16-20 June 2008, Riga, Latvia 2008 / p. 425-428

Eesti Ameerika Fond asub toetama TÜ ning TTÜ ühist biomeditsiinitehnika ja meditsiinifüüsika õppekava

Eesti Elu : [Kanada ajaleht] 2014 / lk. 3 <https://ut.ee/et/sisu/eesti-ameerika-fond-asub-toetama-tu-ning-ttu-uhist-biomeditsiinitehnika-ja-meditsiinifuusika>

Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühing

Hinrikus, Hiie 10 aastat Eesti Inseneride Liitu : 1988-1998 1998 / lk. 17-18

Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühing

Lass, Jaanus Inseneeria 2008 / 6, lk. 17 https://artiklid.elnet.ee/record=b2040961*est

Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühing = The Estonian Society for Biomedical Engineering and Medical Physics

Lass, Jaanus; Nazarenko, Sergei; Hinrikus, Hiie; Holmar, Jana 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. 13-15, p. 13-15 : ill

Eesti biomeditsiinitehnika teadusprogramm

Hinrikus, Hiie Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 245
https://www.ester.ee/record=b1052731*est

Eetika ja teadustöö on lahutamatult seotud : [intervjuu TTÜ biomeditsiinitehnika instituudi direktori professor Ivo Fridoliniga]

Fridolin, Ivo; Helme, Kristi Mente et Manu 2013 / lk. 14-16 : fot https://www.ester.ee/record=b1242496*est

The effect of local cold and warm exposure on index finger photoplethysmographic signal waveform

Pilt, Kristjan; Meigas, Kalju; Temitski, Kristina; Viigimaa, Margus 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2013 / p. 2300-2303 <https://doi.org/10.1109/EMBC.2013.6609997> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Electromagnetic fields and waves for biomedical engineers : course material

Fridolin, Ivo 2008 https://www.ester.ee/record=b2364625*est

Elektromagnetväljad biomeditsiinitehnikas : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle

Hinrikus, Hiie Tallinna Tehnikaülikooli aastaraamat 1999 2000 / lk. 131-135

Elektromagnetväljad ja -lained biomeditsiinitehnikas : loengukonspekt

2012 https://www.ester.ee/record=b2759438*est

Elu elektromagnetväljades on paratamatu : [oma uurimistööd kommenteerib TTÜ biomeditsiinitehnika keskuse erakorraline vanemteadur Hiie Hinrikus]

Maltseva, Ada; Hinrikus, Hiie Linnaleht 2006 / 19. apr., lk. 16

Estonian programme on biomedical engineering

Hinrikus, Hiie 10th Nordic-Baltic Conference on Biomedical Engineering. Satellite Symposium on Bioelectromagnetic and Biomechanic Measurements, June 13-15, 1996, Tallinn, Estonia 1996 / p. 49-53

Foreword

Hinrikus, Hiie Estonian journal of engineering 2008 / 2, p. 89

Foreword : 10th anniversary of the Biomedical Engineering Centre of the Tallinn University of Technology and of the Estonian Society for Biomedical Engineering and Medical Physics

Hinrikus, Hiie Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 2, p. 67-68

Foreword : [special issue on biomedical engineering]

Fridolin, Ivo Proceedings of the Estonian Academy of Sciences 2014 / p. 199

Hea lugeja! = Dear reader!

Holmar, Jana Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinfüüsika 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. 3, p. 3

Hetked ja aastad

Hinrikus, Hiie 2014 https://www.ester.ee/record=b4431974*est

Hybrid PET/MR imaging of bone metabolism and morphology = Luustiku ainevahetuse ja morfoloogia hübriidkuvamine positronemissioontomograafia ja magnetresonantstomograafia abil

Šamarin, Andrei 2016 https://www.ester.ee/record=b4574538*est

Instituudi lugu läbi aegade = The story of the Department over the years

Hinrikus, Hiie; Meigas, Kalju Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinfüüsika 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. 5-11, p. 5-11 : ill

Integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskus

Ubar, Raimund-Johannes Eesti Päevaleht 2012 / Eesti teaduse tippkeskused, lk. 3

Integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskus CEBE

Ubar, Raimund-Johannes Tallinna Tehnikaülikooli aastaraamat 2010 2011 / lk. 29-40

Jaapani professor esines Tallinna Tehnikaülikoolis : [Tohoku Ülikooli biomeditsiinielektronika labori juhataja Nozomu Hoshimiya]

Min, Mart; Velmre, Enn Mente et Manu 2001 / lk. 3 : portr https://www.ester.ee/record=b1242496*est

Joint Baltic biomedical engineering and physics courses

Dekhtyar, Yuri; **Hinrikus, Hiie**; Katashev, Alexei; Kingisepp, Peet-Henn; Lukosevicius, Arunas; **Meigas, Kalju**; Öberg, Ake; Soosaar, Andres; Spigulis, Janis; Tabakov, Slavik Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 144-145

Joint Baltic Biomedical Engineering and Physics Courses

Dekhtyar, Yuri; **Hinrikus, Hiie; Meigas, Kalju** Physica medica 1999 / 3, p. 216

Joint biomedical engineering and medical physics master's curriculum project in Estonia

Meigas, Kalju; Kepler, Kalle; **Holmar, Jana** World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2013 / p. 1691 - 1693 https://doi.org/10.1007/978-3-642-29305-4_444 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Juttu kassiga, kes kõnnib omapead ehk raadiofüüsik biomeditsiinitehnikas : [vestlus Hiie Hinrikusega]

Hinrikus, Hiie; Veskimäe, Rein Horisont 2000 / 3, lk. 12-17 : fot https://artiklid.elnet.ee/record=b1004292*est

Kaasaegne meditsiin vajab üha enam arsti kõrvale inseneri

delfi.ee 2024 [Kaasaegne meditsiin vajab üha enam arsti kõrvale inseneri](#)

2X10 + 7X10

Fridolin, Ivo Mente et Manu 2004 / lk. 7 : fot https://www.ester.ee/record=b1242496*est

Mathematical models in biotribology with 2D-3D erosion integral-differential model and computational-optimization/simulation programming - a mathematical model construction based on experimental research

Casesnoves, Francisco; **Surženkov, Andrei** International journal of scientific research in computer science, engineering and information technology 2017 / p. 329-356 : ill <http://ijsrcseit.com/CSEIT17224010>

Mathematical models in mechanical and biomedical tribology with computational simulations/optimization methods

Casesnoves, Francisco; Surženkov, Andrei International journal of scientific research in computer science, engineering and information technology 2017 / p. 62-89 : ill <http://ijsrcseit.com/CSEIT17211>

Mechanical analysis of multi-surface TPMS lattices for bone applications

Hussainova, I.; Rezapourian, M. Proceedings of the Estonian Academy of Sciences 2025 / p. 222-227
<https://doi.org/10.3176/proc.2025.2.25>

Meditsiinitehnika - terviseinseneering

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

Meditsiinitehnika ja -füüsika magistriõpe = Medical Technology and Physics Master studies

Hinrikus, Hiie; Nazarenko, Sergei; Fomina, Jelena Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinfüüsika 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. 23-26, p. 23-26 : ill

Modular system for fast impedance spectrum analysis of biomedical objects

Rist, Marek; Reidla, Marko; Märten, Olev; Land, Raul; Min, Mart; Parve, Toomas; Annus, Paul XVth International Conference on Electrical Bio-Impedance (ICEBI) and XIVth Conference on Electrical Impedance Tomography (EIT) : 22-25 April 2013, Heilbad Heiligenstadt : abstracts 2013 / p. 151 : ill

Multisine signal generation method for a bioimpedance measurement device

Gorev, Maksim; Pesonen, Vadim; Ellervee, Peeter Proceedings of the 2012 IEEE 15th International Symposium on Design and Diagnostics of Electronic Circuits & Systems (DDECS) : April 18-20, 2012 Tallinn, Estonia 2012 / p. 111-114 : ill

On-Desk Model-Based Study for Evaluating the Effect of Squeezing the Arteries in the Forearm on the Bioimpedance and Pressure of Blood

Metshein, Margus; Annus, Paul; Land, Raul; Rist, Marek; Min, Mart; Lotamõis, Kristina; Märten, Olev Journal of sensors 2023 / art. 5710835 <https://doi.org/10.1155/2023/5710835> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optical detection methods for droplet microfluidic applications = Optilised tuvastusmeetodid tilkade mikrofluidiliste rakenduste jaoks

Pärnamets, Kaiser 2023 <https://doi.org/10.23658/taltech.31/2023> <https://digikogu.taltech.ee/et/Item/ffb85150-fb85-4a7c-b130-0d7f2c3b7fb5> https://www.ester.ee/record=b5569973*est

Optilise kiirguse rakendamine biomeditsiinitehnilises diagnostikas : avalik loeng 29. märtsil 2004 TTÜs

Fridolin, Ivo Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 276-282

Photoplethysmography as an alternative to impedance cardiography-based hemodynamic feature point detection

Metshein, Margus; Annus, Paul; Abdullayev, Anar; Krivošei, Andrei; Land, Raul; Märten, Olev 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p <https://doi.org/10.1109/BEC61458.2024.10737936> Conference proceedings at Scopus Article at Scopus Article at WOS

Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia

Hinrikus, Hiie; Meigas, Kalju; Lass, Jaanus; Riipulk, Jevgeni 1999 https://www.ester.ee/record=b1292540*est

Reminiscences about 20 years of cooperation on biomedical engineering between Finland and the Baltic States

Malmivuo, Jaakko Proceedings of the Estonian Academy of Sciences 2014 / p. 211-212 : phot https://artiklid.elnet.ee/record=b2680541*est

Signal-shape locked loop (SSLL) as an adaptive separator of cardiac and respiratory components of bio-impedance signal

Krivošei, Andrei; Min, Mart; Kuk, Vello IEEE International Workshop on Medical Measurement and Applications : MeMeA-2007 : Warsaw, Poland, 4-5 May 2007 2007 / p. 47-52 <https://ieeexplore.ieee.org/document/4285161>

Silver metal nanoparticles study for biomedical and green house applications

Rauwel, Erwan; Simon-Gracia, Lorena; Guha, Mithu; Rauwel, Protima; Küüna, Siim; Wragg, David IOP conference series : materials science and engineering 2017 / art. 012011, p. 1-5 : ill <https://doi.org/10.1088/1757-899X/175/1/012011> Conference proceedings at Scopus Article at Scopus Article at WOS

Some phase-sensitive and spectral methods in biomedical engineering

Meister, Ants 1994 http://www.ester.ee/record=b1066293*est

Study of effects of modulated microwaves by method of face masking

Rodina, Anastasia; Lass, Jaanus; Bachmann, T.; Hinrikus, Hiie Proceedings of the 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Vol. 25, A New Beginning for Human Health : volume 4 of 4 : 17-21 September 2003, Cancun, Mexico 2003 / p. 3249-3252 <https://ieeexplore.ieee.org/document/1280836>

Suprastars of chemistry : editorial

Xiao, Tangxin; James, Tony D.; Borovkov, Victor; Castellano, Ronald K.; Deng, Chao Frontiers in Chemistry 2022 / art. 932508 <https://doi.org/10.3389/fchem.2022.932508> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sünergiline teaduskeskus : Integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskus CEBE

Ubar, Raimund-Johannes Mente et Manu 2011 / lk. 2, 5 : portr https://www.ester.ee/record=b1242496*est

System of electrically measured physiological parameters for reconstruction of heart rate

Lass, Jaanus; Meigas, Kalju; Hinrikus, Hiie; Kaik, Jüri Proceedings of the 2nd International Conference on Bioelectromagnetism, 15-18 February 1998, Melbourne, Australia 1998 / p. 153-154: ill <https://ieeexplore.ieee.org/document/666441>

Teaduse taustajõud: Deniss Karai aitas luua neeruasendusravi jälgimismonitori

Jakobson, Maris postimees.ee 2023 [Teaduse taustajõud: Deniss Karai aitas luua neeruasendusravi jälgimismonitori](#)

Teaduspreemia biomeditsiinitehnikale : [tänu sõnad riikliku teaduspreemia saamise puhul]

Hinrikus, Hiie Tehnikaülikool 2000 / 20. märts, lk. 12-14 : portr https://www.ester.ee/record=b5309277*est

Teaduspreemia tehnikateaduste alal 1996. - 1999. aasta publikatsioonide tsükli "Elektromagnetväljad biomeditsiinitehnikas" eest

Hinrikus, Hiie Eesti Vabariigi teaduspreemiad 2000 2000 / lk. 28-33 : portr

Tehnika elu kvaliteedi parandamiseks - biomeditsiinitehnika

Hinrikus, Hiie; Lass, Jaanus; Lipping, Tarmo; Meigas, Kalju; Riipulk, Jevgeni Teadusmõtte Eestis : tehnikateadused 2002 / lk. 31-37 : ill

Tehnikaraamat

Wright, Michael; Patel, Mukul 2001 https://www.ester.ee/record=b1526774*est

Tehnikateadused. Biomeditsiinitehnika

Hinrikus, Hiie Eesti entsüklopeedia. 11, Eesti üld 2002 / lk. 500

Tehnikaülikool biomeditsiinitehnika maailmakaardil : [valdkondlik arutelu]

Hinrikus, Hiie; Meigas, Kalju; Kalda, Jaan; Nigul, Priit; Paats, Andrus Tallinna Tehnikaülikooli kaheksakümnes aastapäev 2000 / lk. 70-80

Temporal stability and correlation of EEG markers and depression questionnaires scores in healthy people

Pöld, Toomas; Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Bachmann, Maie Scientific reports 2023 / art. 21996 <https://doi.org/10.1038/s41598-023-49237-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

"Tervis ruudus", ehk, Tippkeskuse CEBE lugu

Ubar, Raimund-Johannes Teadusmõtte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 200-215 : ill., fot https://www.ester.ee/record=b5208765*est

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

TTÜ osaleb kahe tippkeskuse töös : [Arvutiteaduse tippkeskus ja Integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskus]

Nassar, Bia Studioosus 2008 / sept., lk. 9

TTÜ Tehnomeedikum. Biomeditsiinitehnika instituut

Hinrikus, Hiie; Meigas, Kalju Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922-2007 2008 / lk. 92-96 : ill https://www.ester.ee/record=b2412718*est

Two anniversaries of the Estonian biomedical engineering community in 2004

Fridolin, Ivo IFMBE news 2005 / p. 14-15

Uued maad biomeditsiinitehnika kaardil

Hinrikus, Hiie Tallinna Tehnikaülikooli aastaraamat 1996 1997 / lk. 186-189

Uued teaduse tippkeskused : [Arvutiteaduse tippkeskus ning Integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskus TTÜs : lühisõnum]

Mente et Manu 2008 / 29. aug., lk. 2 https://www.ester.ee/record=b1242496*est

Waves, oscillations and optics in biomedical engineering : research in the Department of Biomedical Engineering 1994-2014

Hinrikus, Hiie Proceedings of the Estonian Academy of Sciences 2014 / p. 200-210 : phot https://artiklid.elnet.ee/record=b2680530*est

White paper on accreditation of biomedical engineering programs in Europe

Nagel, J.; Kolitsi, Z.; **Meigas, Kalju** 2000

Ülikoolide koostööprojekt lendab korstnasse

Niitra, Nils Postimees 2013 / lk. 6-7

XI Põhja- ja Baltimaade biomeditsiinitehnika konverents Tallinnas

Hinrikus, Hiie Tallinna Tehnikaülikooli aastaraamat 1999 2000 / lk. 39-43