

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

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

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

Band positions and electrochemistry of CdSe(x)Te(1-x) semiconductor electrodes

Wirts, Christian; **Altosaar, Mare**; **Krunks, Malle**; **Varema, Tiit**; **Mellikov, Enn**; Meissner, Dieter Abstracts of the First Gerischer Symposium on Semiconductor Electrochemistry, 1999 1999 / p. 8

Binary RuO₂-CuO electrodes outperform RuO₂ electrodes in measuring the pH in food samples

Lazouskaya, Maryna; **Vetik, Iuliia**; Tamm, Martti; Uppuluri, Kiranmai; **Scheler, Ott** ACS omega 2023 / p. 13275-13284 <https://doi.org/10.1021/acsomega.3c00538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon xerogel from 5-methylresorcinol-formaldehyde gel : the controllability of structural properties

Peikolainen, Anna-Liisa; **Uibu, Mai**; Kozlova, Jekaterina; Mändar, Hugo; Tamm, Aile; Aabloo, Alvo Carbon trends 2021 / art. 100037, 11 p. : ill <https://doi.org/10.1016/j.cartre.2021.100037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cleaning procedure for the screen-printed RuO₂ pH electrodes

Lazouskaya, Maryna; **Vetik, Iuliia**; Uppuluri, Kiranmai; Razmi, Nasrin; **Scheler, Ott** IEEE Sensors 2022 : Dallas, Texas, USA : 30 October 2022 - 02 November 2022 : Sensors 2022 conference proceedings 2022 / 4 p. : ill <https://doi.org/10.1109/SENSOR52175.2022.9967177> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance

Laheäär, Ann; **Peikolainen, Anna-Liisa**; **Koel, Mihkel**; Jänes, Alar; Lust, Enn Journal of solid state electrochemistry 2012 / p. 2717-2722 : ill <https://link.springer.com/article/10.1007/s10008-012-1660-4>

Comparison of carbon aerogel and carbide-derived carbon as electrode materials for non-aqueous supercapacitors with high performance

Laheäär, Ann; **Peikolainen, Anna-Liisa**; **Koel, Mihkel**; Jänes, Alar; Lust, Enn The 63rd Annual Meeting of International Society of Electrochemistry : 19.-24.08.2012, Praha 2012 / Abstract #s04-068 <https://link.springer.com/article/10.1007/s10008-012-1660-4>

Comparison of the carbon nanofiber/fiber- and silicone-based electrodes for bioimpedance measurements

Kõiv, Hip; **Pesti, Ksenija**; **Min, Mart**; **Land, Raul**; Must, Indrek IEEE transactions on instrumentation and measurement 2020 / p. 1455-1463 <https://doi.org/10.1109/TIM.2019.2962297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contactless sensing of the conductivity of aqueous droplets in segmented flow

Cahill, Brian; **Land, Raul**; Nacke, T.; **Min, Mart**; Beckmann, Dieter Sensors and actuators B : chemical 2011 / p. 286-293 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0925400511006368>

Coupling and electrodes

Metshein, Margus Bioimpedance and Spectroscopy 2021 / p. 3-50 : ill <https://doi.org/10.1016/B978-0-12-818614-5.00010-2> <https://ebookcentral.proquest.com/lib/tuee/reader.action?docID=6644985&pg=48>

Development and analysis of carbon-based dry-contact electrodes for bioimpedance measurements = Süsinikmaterjalil põhinevate kuivkontakt-elektroodide arendus ja analüüs bioimpedantsi mõõtmiseks

Kõiv, Hip 2023 <https://doi.org/10.23658/taltech.1/2023> <https://digikogu.taltech.ee/et/Item/f2775738-652e-4b4e-ba34-7a61fab78867> https://www.ester.ee/record=b5528441*est

Drive system for arc furnace electrodes

Haavandi, Kaljo; **Jansikene, Raik** Actual Problems of Electrical Drives and Industry Automation : the 3rd Research Symposium of Young Scientists : Tallinn, Estonia, May 19-26, 2001 2001 / p. 101-102 : ill

Economic pulse electrodeposition for flexible CuInSe₂ solar cells

Mandati, Sreekanth; Misra, Prashant; Boosagulla, Divya; Rao, Tata Naransinga; Sarada, Bulusu V. Materials for renewable and sustainable energy 2020 / art. 19, 6 p. : ill <https://doi.org/10.1007/s40243-020-00177-3>

EEG independent component and coherence analysis from scalp and depth electrodes during propofol anesthesia

Lipping, Tarmo; **Ferenets, Rain**; Puumala, Pasi Digest of 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : a new Beginning for Human Health : Cancun, Mexico, 2003 2003 / p. 2471-2474

<https://ieeexplore.ieee.org/document/1280416/similar#similar>

Effect of electrode shape on medium voltage covered conductor insulation durability under electric stress

Kiitam, Ivar; Taklaja, Paul; Tuttelberg, Kaur 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 6 p. : ill
<https://doi.org/10.1109/RTUCON.2018.8659862>

Effect of electrode type on electrospun membrane morphology using low-concentration PVA solutions

Zelca, Zane; **Krumme, Andres**; Kukle, Silviija; **Viirsalu, Mihkel**; Vilcena, Laimdota Membranes 2022 / art. 609
<https://doi.org/10.3390/membranes12060609> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrical bioimpedance analysis for evaluating the effect of pelotherapy on the human skin : methodology and experiments

Metshein, Margus; Tuulik, Varje-Riin; Tuulik, Viiu; Kumm, Monika; **Min, Mart**; **Annus, Paul** Sensors 2023 / art. 4251
<https://doi.org/10.3390/s23094251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electroactive polymer actuators with carbon aerogel electrodes

Palmre, Viljar; Lust, Enn; Jänes, Alar; **Koel, Mihkel**; **Peikola, Anna-Liisa**; Torop, Janno; Johanson, Urmas; Aabloo, Alvo Journal of materials chemistry 2011 / p. 2577-2583 : ill <https://pubs.rsc.org/en/content/articlelanding/2011/jm/c0jm01729a>

Electrochemical characterisation of Co@Co(OH)₂ core-shell nanoparticles and their aggregation in solution

Xie, Ruo-Chen; Batchelor-McAuley, Christopher; **Rauwel, Erwan**; Rauwel, Protima; Compton, Richard G. ChemElectroChem 2020 / p. 4259 - 4268 <https://doi.org/10.1002/celec.202001199> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electroconductive fibrous mat prepared by electrospinning of polyacrylamide-g-polyaniline copolymers as electrode material for supercapacitors

Smirnov, Michael; **Tarasova, Elvira**; **Mikli, Valdek**; **Vassiljeva, Viktoria**; **Krumme, Andres** Journal of materials science 2018 / p. 4859-4873 : ill <https://doi.org/10.1007/s10853-018-03186-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrode reactions in Cu-Pt coated Nafion[r] actuators

Johanson, Urmas; Mäeorg, Uno; Brandell, Daniel; Punning, Andres; Torop, Janno; **Kruusmaa, Maarja**; Aabloo, Alvo Artificial Muscle Actuators using Electroactive Polymers 2009 / p. 75-80 https://www.researchgate.net/publication/236115789_Electrode_Reactions_in_Cu-Pt_Coated_NafionR_Actuators

Electrowetting as a tool for droplet actuation : electrode design and simulation

Giannitsis, Athanasios; Cahill, Brian; **Land, Raul**; Gastrock, G.; Pliquett, Uwe; Nacke, T.; **Min, Mart**; Beckmann, Dieter Tagungsband : Technische Systeme für die Lebenswissenschaften : 14. Heiligenstädter Kolloquium : Heiligenstadt (Germany), 22.9-24.9.2008 2008 / p. 433-442

Elektrit juhtivast polümeerist elektroodid vesilahustes

Idla, Katrin; **Öpik, Andres**; Forsen, Olof XVI Eesti keemiapäevad : teaduskonverentsi ettekannete refereaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 26-28

Elektrodenübergangs impedanz bei bioelektrischen Messungen

Märtn, Hannes BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / S. 147-150: Ill

Elektroodideta luminofoorlampidest

Ott, Valmar Elektriala 1999 / 4, lk. 24-26: ill

Fabrication, potentiometric characterization, and application of screen-printed RuO₂ pH electrodes for water quality testing

Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof; Tamm, Martti Sensors 2021 / art. 5399, 15 p. : ill <https://doi.org/10.3390/s21165399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gesinterte Kupferlegierungen als Material für Elektrokontakte der Schweißmaschinen

Arensburger, Daniil Tallinna Tehnikaülikooli Toimetised 1994 / lk. 91-100: ill

High temperature doped polyparaphenylene as electrode solutions

Golovtsov, Igor; **Öpik, Andres** EUROMAT 99 : European Congress on Advanced Materials and Processes : Munich, Germany, 27-30 September 1999 1999 / reference 438 F.4-P18

Improving coplanar electrodes for moving water droplets

Giannitsis, Athanasios; Cahill, Brian; Pliquett, Uwe; Gastrock, Gunter; **Land, Raul**; Nacke, T.; **Min, Mart**; Beckmann, Dieter

Proceedings of the 1st European Conference on Microfluidics - Microfluidics 2008 : Bologna, Italy December 10-12, 2008 2008 / [10]
p https://www.academia.edu/26174470/Improving_coplanar_electrodes_for_moving_water_droplets

Influence of A-site modifications on the properties of $\text{La}_{0.21}\text{Sr}_{0.74-x}\text{Ca}_x\text{Ti}_{0.95}\text{Fe}_{0.05}\text{O}_{3-\delta}$ based fuel electrode for solid oxide cell

Paydar, Sara; Kooser, Kuno; Möller, Priit; **Volobujeva, Olga**; Granroth, Sari; Lust, Enn; Nurk, Gunnar Journal of The Electrochemical Society 2023 / art. 054502, 10 p. : ill <https://doi.org/10.1149/1945-7111/acd084> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of Estonian soils to foundation earth electrode

Hromov, Anton; Risthein, Endel 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 155-158 : ill

Influence of Ni concentration on electrochemical and crystallographic properties of $\text{La}_{0.25}\text{Sr}_{0.25}\text{Ca}_{0.4}\text{Ti}_{1-x}\text{Ni}_x\text{O}_{3-\delta}$ solid oxide fuel cell anode

Korjus, Ove; Möller, Priit; Kooser, Kuno; Käämbre, Tanel; **Volobujeva, Olga**; Nerut, Jaak; Kotkas, S.; Lust, Enn; Nurk, Gunnar Journal of Power Sources 2021 / Art. n.r 229739 <https://doi.org/10.1016/j.jpowsour.2021.229739> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of temperature on the performance of Nafion coated RuO_2 based pH electrodes

Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof 2021 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Manchester, United Kingdom 2021 / 4 p
<https://doi.org/10.1109/FLEPS51544.2021.9469758>

Ionic liquid-carbon-polymer composite actuator based on carbon aerogel electrodes

Kaasik, Friedrich; Must, Indrek; Torop, Janno; **Peikolainen, Anna-Liisa**; Aabloo, Alvo SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 112 : ill

Ioontkatlad pakuvad mugavat ja kiiret toasooja

Paist, Aadu Äripäev 2006 / 2. mai, Oma Maja, lk. 34 : ill <https://www.aripaev.ee/uudised/2006/05/01/ioonkatlad-pakuvad-mugavat-ja-kiiret-toasooja>

Keemiliselt pihustatud CuInS_2 kiled siledatel ja poorsetel elektroodidel

Kijatkina, Olga; Krunk, Malle; Mere, Arvo XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 55

Lead and nitrogen co-doped multi-walled carbon nanotube electrocatalyst for oxygen reduction reaction

Zarmehri, Ehsan; Raudsepp, Ragle; Šmits, Krišjānis; Käämbre, Tanel; Šutka, Andris; **Yörük, Can Rüstü**; Zacs, Dzintars; Kruusenberg, Ivar Journal of The Electrochemical Society 2023 / art. 114505, 10 p. : ill <https://doi.org/10.1149/1945-7111/ad0072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microprinted carbon aerogel electrodes for sensors and actuators

Põldsalu, Inga; Peikolainen, Anna-Liisa; Greco, Francesco; **Kreek, Kristiina**; Aabloo, Alvo TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Molecularly imprinted co-polymer for class-selective electrochemical detection of macrolide antibiotics in aqueous media

Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; **Sõritski, Vitali** Sensors and actuators B : chemical 2023 / art. 132768, 9 p. : ill <https://doi.org/10.1016/j.snb.2022.132768> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly Imprinted Polymer-modified Electrodes for Electrochemical Sensing of Emerging Aqueous Pollutants = Molekulaarselt jäljendatud polümeeriga modifitseeritud elektroodid esilekerkivate veesaasteainete elektrokeemiliseks tuvastamiseks

Nguyen, Vu Bao Chau 2025 https://www.ester.ee/record=b5758187*est <https://digikogu.taltech.ee/et/Item/0bef1a7a-5369-4053-9eab-af6bd9bcb11b> <https://doi.org/10.23658/taltech.64/2025>

Monokornmembran-Elektroden : grossflächige Einkristallelektroden aus Halbleiterpulvern

Wirts, C.; Deppe, M.; Guo, Y.; **Altosaar, Mare; Varema, Tiit; Mellikov, Enn**; Meissner, Dieter Struktur und Reaktivität von Elektrodenoberflächen : 60. Bunsenkolloquium : book of abstracts 1995 / S. P40

Nafion protective membrane enables using ruthenium oxide electrodes for pH measurement in milk

Lazouskaya, Maryna; Scheler, Ott; Mikli, Valdek; Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti Journal of The Electrochemical Society 2021 / art. 107511, 12 p. : ill <https://doi.org/10.1149/1945-7111/ac2d3c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nanoparticulate dielectric overlayer for enhanced electric fields in a capacitive deionization device

Laxman, Karthik; Kimoto, Daiki; **Sahakyan, Armen**; Dutta, Joydeep ACS applied materials and interfaces 2018 / 8 p. : ill.
<https://doi.org/10.1021/acsami.7b16540> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-standard electrode placement strategies for ECG signal acquisition

Metshein, Margus; Krivošei, Andrei; Abdullayev, Anar; Annus, Paul; **Märtens, Olev** Sensors 2022 / art. 9351
<https://doi.org/10.3390/s22239351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of electrowetting electrodes : analysis of the leakage current characteristics of various dielectric layers

Cahill, Brian; Giannitsis, Athanasios; Land, Raul; Min, Mart BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 79-82 : ill

Optimization of La_{0.2}Sr_{0.7}- xCa xTi_{0.95}Fe_{0.05}O₃-δ fuel electrode stoichiometry for solid oxide fuel-cell application

Paydar, Sara; Kooser, Kuno; Möller, Priit; **Volobujeva, Olga**; Granroth, Sari; Lust, Enn; Nurk, Gunnar ACS Applied Energy Materials 2022 / p. 10119 - 10129 <https://doi.org/10.1021/acsaem.2c01808> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygen electroreduction on platinum nanoparticles activated electrodes deposited onto D-glucose derived carbon support in 0.1 M KOH

Taleb, Masoud; Nerut, Jaak; Tooming, Tauno; Thomberg, Thomas; Lust, Enn Journal of The Electrochemical Society 2016 / p. F1251-F1257 <https://doi.org/10.1149/2.1051610jes> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Patsient roolis

Strandberg, Marek Inseneeria 2015 / lk. 8 : fot https://artiklid.elnet.ee/record=b2748892*est

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](#)

Problems of using foundation earth electrodes in Estonia

Hromov, Anton; **Risthein, Endel** 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 268-271 : ill

Rational design of highly efficient flexible and transparent p-type composite electrode based on single-walled carbon nanotubes

Rajanna, Pramod M.; Meddeb, Hosni; **Bereznev, Sergei**; **Volobujeva, Olga**; **Danilson, Mati** Nano energy 2020 / art. 104183, 9 p. : ill <https://doi.org/10.1016/j.nanoen.2019.104183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Redox properties of Cys²His² and Cys⁴ zinc fingers determined by electrospray ionization mass spectrometry

Smirnova, Julia; Kabin, Ekaterina; Tõugu, Vello; Palumaa, Peep FEBS Open Bio 2018 / p. 923 - 931 <https://doi.org/10.1002/2211-5463.12422> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Redox reactivity at silver microparticle-glassy carbon contacts under a coating of polymer of intrinsic microporosity (PIM)

He, Daping; **Rauwel, Erwan**; Malpass-Evans, Richard; Carta, Mariolino Journal of solid state electrochemistry 2017 / p. 2141-2146 : ill <https://doi.org/10.1007/s10008-017-3534-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reusability of RuO₂-Nafion electrodes, suitable for potentiometric pH measurement

Lazouskaya, Maryna; **Scheler, Ott**; Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti 2022 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Vienna, Austria, 2022 / p. 1-4
<https://doi.org/10.1109/FLEPS53764.2022.9781521>

Signal acquisition and algorithm design for bioimpedance-based heart rate estimation from the wrist

Lapsa, Didzis; **Metshein, Margus**; Krivošei, Andrei; Janeliukstis, Rims; **Märtens, Olev**; Elsts, Atis Applied sciences 2024 / art. 9632 <https://doi.org/10.3390/app14219632> [Journal proceedings at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of electrode locations for joint acquisition of impedance- and electro-cardiography signals

Metshein, Margus; Gautier, Antoine; Larras, Benoit; Frappe, Antoine; John, Deepu; Cardiff, Barry; **Annus, Paul**; **Land, Raul**; **Märtens, Olev** 2021 43rd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) Oct 31 - Nov 4, 2021 : virtual conference 2021 / p. 7264-7267 : ill <https://doi.org/10.1109/EMBC46164.2021.9629504> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Synchronization of brain activity during induction of propofol anesthesia : comparison of methods

Lipping, Tarmo; **Saareleht, Jaanika**; Olejarczyk, Elzbieta; Sonkajarvi, Eila; Ylinen, Tuomo; Jantti, Ville 2016 38th Annual International

Visualizing transplanted muscle flaps using minimally invasive multi-electrode bioimpedance spectroscopy

Gordon, Rauno; Zorkova, Valeria; **Min, Mart;** Rätsep, Indrek The XIVth International Conference on Electrical Bioimpedance and the 11th Conference on Biomedical Applications of EIT, Gainesville - Florida, Apr. 4-8, 2010 2010 / [4] p
<https://iopscience.iop.org/article/10.1088/1742-6596/224/1/012103>

Visualizing transplanted muscle flaps using minimally invasive multi-electrode bioimpedance spectroscopy

Gordon, Rauno; Zorkova, Valeria; **Min, Mart;** Rätsep, Indrek Journal of physics : conference series 2010 / 1, p. 012103
<https://iopscience.iop.org/article/10.1088/1742-6596/224/1/012103>

Быстродействующий тиристор с комбинированным выключением (КВТ) С Uпер = 2,5 кВ, tвыкл = 20мкс

Saks, P.; **Tarma, Mati;** Kusma, M. Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 48
https://www.ester.ee/record=b1310801*est

Влияние окисной пленки на электродные потенциалы металлов в растворах ингибиторов

Kallast, Vambola; Merendi, Jüri; Talimets, Ellen; **Help, Kalju** Тезисы Межвузовской конференции по коррозии и защите металлов 1971 / с. 39-40 https://www.ester.ee/record=b1409081*est

Измерения при статическом двойном электрическом слое

Plakk, Paul Труды по электротехнике и автоматике : сборник статей. 7 1970 / с. 19-31 : илл
https://www.ester.ee/record=b2189958*est <https://digikogu.taltech.ee/et/Item/33610e22-06c3-48a2-83bd-e55be9589930>

К определению сопротивления столба жидкости между электродами расходомера

Gammerman, Mihhail; **Kallast, Vambola;** Mežburd, Volf; **Reimal, Lembit** Сборник материалов к V Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников. Выпуск 2 1971 / с. 179-190
https://www.ester.ee/record=b1385965*est

Модель электрического двойного слоя

Plakk, Paul Труды по электротехнике и автоматике : сборник статей. 7 1970 / с. 33-44 : илл
https://www.ester.ee/record=b2189958*est <https://digikogu.taltech.ee/et/Item/33610e22-06c3-48a2-83bd-e55be9589930>

Об измерениях электрического двойного слоя при твердых металлических электродах

Plakk, Paul; **Plakk, Peeter** Проблемы моделирования и измерения в электронике 1986 / с. 27-44

Определение микроколичества хлорид-ионов в халькогенидах кадмия ионоселективными электродами

Bitkova, I.; Kerm, Karin Машиностроение и механика : XXIV Студенческая научно-техническая конференция вузов прибалтийских республик, БССР и МССР : тезисы докладов. 4-7 апреля 1978 г. 1978 / с. 16

Определение фторида в растениях при помощи фторидселективного электрода

Siirde, Aino; Luiga, **Peeter** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1978 / с. 3-7 : илл
https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/17414/view?page=1&p=separate&tool=info>

Применение фторидселективного электрода для изучения распределения фтора в системе почва-растение

Help, Kalju Электрохимические и хроматографические методы анализа, их применение в охране окружающей среды 1986 / с. 121-124 : илл https://www.ester.ee/record=b1227768*est

Применение фторидселективного электрода для определения фтора в фосфатном сырье

Help, Kalju; **Siirde, Aino;** **Ott, Roman** Analītiskā ķīmija : Baltijas republiku, Baltkrievijas PSR un Kalīņingradas apgabala otrās zinātniskās konferences tēzes : Rīga, 1976. gada 9.-10. septembrī = Аналитическая химия : вторая научная конференция Прибалтийских республик, Белорусской ССР и Калининградской области : тезисы докладов : г. Рига, 9-10 сентября 1976 года. II 1976 / с. 6 https://www.ester.ee/record=b2563176*est https://inis.iaea.org/collection/NCLCollectionStore/_Public/09/375/9375227.pdf

Сигнал электромагнитного преобразователя расхода (ЭПР) при произвольном расположении электродов и неоднородном магнитном поле

Mežburd, Volf Сборник материалов к VI Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников. Электромагнитные расходомеры 1973 / с. 53-60 https://www.ester.ee/record=b1337033*est

Эквивалентная схема электрического двойного слоя и его электротехнически непротиворечивая модель

Plakk, Paul; **Plakk, Peeter;** **Plakk, T.** Проблемы моделирования и измерения в электронике 1986 / с. 45-55