

Aastasündmus 1997. Soov aastaks 1998 : [vastavad TTÜ dekaanid Rein Jürgenson, Väino Rajangu, Enno Reinsalu, Leo Mõtus, Jakob Kübarsepp, Rein-Karl Loide, Alari Purju, Karl Öiger, Andres Öpik]
Jürgenson, Rein, inform.; Rajangu, Väino; Reinsalu, Enno; Mõtus, Leo; Kübarsepp, Jakob; Loide, Rein-Karl; Purju, Alari; Öiger, Karl; Öpik, Andres; Määrits, Merike; Reinde, Urmi Tallinna Ülikoolid 1998 / 1, lk. 3-5

Advanced sensing materials based on molecularly imprinted polymers towards developing point-of-care diagnostics devices

Kidakova, Anna; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali Proceedings of the Estonian Academy of Sciences 2019 / p. 158–167 : ill <https://doi.org/10.3176/proc.2019.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ag solubility isotherms in ZnS and in CdSe

Lott, Kalju; Nirk, Tiit; Raukas, Maie; Öpik, Andres; Vishnjakov, A. E-MRS - IUMRS 2000 Spring Meeting : European Materials Research Society 2000 Spring Meeting : May 30-June 2, 2000, Strasbourg (France) : final book of abstracts 2000 / p. P-18

Agu Aarna 100 : põlevikeemiast polümeermaterjalideni

Öpik, Andres Mente et Manu 2015 / lk. 20-21 : fot https://artiklid.elnet.ee/record=b2746580*est

Alusuuringute rakenduslikud väljundid keemias : [valdkondliku arutelu ülevaade]

Öpik, Andres Tallinna Tehnikaülikooli kaheksakümnes aastapäev 2000 / lk. 83

An electrochemical biosensor for direct detection of hepatitis C virus

Antipchik, Mariia; Korzhikova-Vlakh, Evgenia; Polyakov, Dmitry; Tarasenko, Irina; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Analytical Biochemistry 2021 / art. 114196 <https://doi.org/10.1016/j.ab.2021.114196> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Andres Öpik: TTÜ arengu teesid : [rektorikandidaadi programm]

Öpik, Andres Tehnikaülikool 2000 / 17. jaan., lk. 7

Anisotropic percolating pathways in the thin films of polymeric PEDT/PSS complex and their relation to the electrical conductivity as revealed by the mesoscale simulation

Kaevand, Toomas; Kalda, Jaan; Öpik, Andres; Lille, Ülo Technological developments in networking, education and automation 2010 / p. 263-268

Annealing of frozen-in defects in ZnO

Nirk, Tiit; Lott, Kalju; Seeman, Viktor; Tünn, Leo; Viljus, Mart; Öpik, Andres Physica status solidi (c) 2016 / p. 590-593 : ill <http://dx.doi.org/10.1002/pssc.201510244>

Anorgaanilised pooljuhtühendid ja elektrit juhtivad polümeerid - üheskoos ja eraldi uute väljundite otsingul

Öpik, Andres Teadusmõtte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 207-216 : ill https://www.ester.ee/record=b2230239*est

Antibiotic-imprinted polymer films prepared by electrochemical approach : towards the development of a label-free chemical sensor

Ayankojo, Akinrinade George; Sõritski, Vitali; Tretjakov, Aleksei; Reut, Jekaterina; Öpik, Andres Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 38

Application of Differential Thermal Analysis for enthalpy evaluation of reactions during Copper Zinc Tin Selenide synthesis process

Leinemann, Inga; Kaljuvee, Tiit; Tõnsuaadu, Kaia; Öpik, Andres; Altosaar, Mare; Meissner, Dieter 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 259

Application of the conducting polymers polypyrrole and polyaniline as corrosion prevention materials

Idla, Katrin; Talo, A.; Forsen, Olof; Öpik, Andres; Yläsaari, Seppo Kemia 95 : Finnish Chemical Congress and Exhibition and Nordic Polymer Meeting 1995, Helsinki, 14-16 Nov., 1995 : abstracts 1995 / p. 46

Biotundlikud süsteemid molekulaarselt jäljendatud elektrit juhtivatest polümeeridest

Öpik, Andres; Reut, Jekaterina; Sõritski, Vitali; Tretjakov, Aleksei Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 40-44 : ill

CdSe nanofiber and nanohorn structures on ITO substrates fabricated by electrochemical deposition

Kois, Julia; Gurevitš, Jelena; Bereznev, Sergei; Volobujeva, Olga; Öpik, Andres; Mellikov, Enn Applied surface science 2013 / p. 982-985 : ill

Chemical information

Öpik, Andres; Lindström, Matti 1995

Chemical sensors based on conductive polymers

Bereznev, Sergei; Söritski, Vitali; Öpik, Andres Kemia 95 : Finnish Chemical Congress and Exhibition and Nordic Polymer Meeting 1995, Helsinki, 14-16 Nov., 1995 : abstracts 1995 / p. 49-50

Chemistry and materials science - high level learning via research and practical training

Meissner, Dieter; Mellikov, Enn; Öpik, Andres; Burk, Peeter; Lust, Enn 6th Eurovariety in Chemistry Education 2015 : Chemistry Education for Responsible Citizenship and Employability : June, 30-July, 2, 2015, Tartu, Estonia 2015 / p. 43-45

Class-selective molecularly imprinted polymer-based sensor for macrolideantibiotics detection

Ayankojo, Akinrinade George; Nguyen, Vu Bao Chau; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali International Conference on Chemical Sensors : Mátrafüred 2022 2022 / p. 70 https://matrafured.ch/MatrafuredScientificProgram_2022.pdf

A computational approach for rational monomer selection in molecularly imprinted polymer synthesis = Monomeeride valiku protsessi modelleerimine optimaalse monomeeri leidmiseks molekulaarselt jäljendatud polümeeride sünteesil

Boroznjak, Roman 2017 <https://digi.lib.ttu.ee/i/?7629>

A computational approach to study functional monomer|protein molecular interactions to optimize protein molecular imprinting

Boroznjak, Roman; Reut, Jekaterina; Tretjakov, Aleksei; Lomaka, Andre; Öpik, Andres; Söritski, Vitali Journal of molecular recognition 2017 / art. e2635, p. 1-9 : ill <https://doi.org/10.1002/jmr.2635>

Conducting polyparaphenylene prepared by high temperature doping

Golovtsov, Igor; Öpik, Andres Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 107-123: ill

Conducting polypyrrole coating of steel in aqueous solutions

Idla, Katrin; Öpik, Andres; Forsen, Olof Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 2/3, p. 118-126: ill

Conductive polymer back contact in CdTe based solar cell

Bereznev, Sergei; Kois, Julia; Volobujeva, Olga; Öpik, Andres EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009, Symposium A 2009 / p. 25

Conductive polymer PEDOT:PSS back contact for CdTe solar cell

Jarkov, Aleksandr; Bereznev, Sergei; Laes, Kristjan; Volobujeva, Olga; Traksmäa, Rainer; Öpik, Andres; Mellikov, Enn Thin solid films 2011 / p. 7449-7452 : ill

Conductive polymers as active materials for environmental sensors

Bereznev, Sergei; Söritski, Vitali; Öpik, Andres; Idla, Katrin International Society of Electrochemistry, 47th Annual Meeting : abstracts : Veszprém & Balatonfüred, Hungary, September 1-6, 1996 1996 / p. P2c-10

Conductive polymers as active materials for environmental sensors

Söritski, Vitali; Bereznev, Sergei; Öpik, Andres Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 2, p. 60-72: ill

Constant phase element response of impedance spectra of high vacuum evaporated CuIn3Se5 photoabsorber layers [Electronic resource]

Laes, Kristjan; Bereznev, Sergei; Land, Raul; Öpik, Andres International Materials Research Congress IMRC XIX, Cancun, Mexico – August 2010, Symposium 15 – Photovoltaics, Solar energy materials and technologies : abstracts 2010 / p. 21 [CD-ROM]

Correlated percolating networks in the thin film of polymeric PEDT/PSS complex as revealed by the mesoscale simulation

Kaevand, Toomas; Kalda, Jaan; Öpik, Andres; Lille, Ülo Macromolecules 2009 / 4, p. 1407-1409 : ill <https://pubs.acs.org/doi/abs/10.1021/ma802160x>

Correlation of the morphology and electrical conductivity in thin films of PEDT/PSS complex: an integrated meso-scale simulation study

Kaevand, Toomas; Kalda, Jaan; Kuk, Vello; Öpik, Andres; Lille, Ülo Molecular simulation 2011 / p. 495-502 : ill <https://www.tandfonline.com/doi/abs/10.1080/08927022.2011.554549>

Corrosion behavior of polypyrrole coated mild steel

Reut, Jekaterina; Idla, Katrin; Öpik, Andres International Conference on Science and Technology of Synthetic Metals : ICSM'98 : July 12-18, 1998, Montpellier, France : book of abstracts 1998 / p. 157

Corrosion behavior of polypyrrole coated mild steel

Reut, Jekaterina; Idla, Katrin; Öpik, Andres International Conference on Science and Technology of Synthetic Metals : ICSM'98 : July 12-18, 1998, Montpellier, France : book of abstracts 1998 / p. 157

Corrosion behavior of polypyrrole coated mild steel

Reut, Jekaterina; Öpik, Andres; Idla, Katrin Synthetic metals 1999 / p. 1392-1393: ill

Corrosion protective properties of polypyrrole films on mild steel

Reut, Jekaterina; Öpik, Andres; Forsen, Olof; Idla, Katrin Proceedings of Eurocorr'98, Utrecht, Netherlands, Sept. 28 - Oct. 1, 1998 1998 / [5] p. [CD-ROM]

Covalent surface imprinting strategy of electrosynthesized PEDOT films for protein recognition

Kaev, Jevgeni; Reut, Jekaterina; Sõritski, Vitali; Gyurcsanyi, Robert E.; Öpik, Andres The 61st Annual Meeting of the International Society of Electrochemistry : Nice (France), September 26 - October 1, 2010 2010 / p. S13-P-044

CZTS monograin powders and thin films

Mellikov, Enn; Meissner, Dieter; Altosaar, Mare; Kauk, Marit; Krustok, Jüri; Öpik, Andres; Volobujeva, Olga; Iljina, Julia; Timmo, Kristi; Klavina, J.; Raudoja, Jaan; Grossberg, Maarja; Varema, Tiit; Muska, Katri; Ganchev, Maxim; Bereznev, Sergei; Danilson, Mati Advanced materials research 2011 / p. 8-13

Cu₂ZnSnSe₄ thin films produced by selenization of Cu-Zn-Sn composition precursor films

Volobujeva, Olga; Mellikov, Enn; Bereznev, Sergei; Raudoja, Jaan; Öpik, Andres; Raadik, Taavi Materials Challenges in Alternative and Renewable Energy: a collection of papers presented at the Materials Challenges in Alternative and Renewable Energy Conference February 21-24, 2010, Cocoa Beach, Florida 2011 / p. 257-263

CuInS₂/PEDOT photovoltaic structure

Bereznev, Sergei; Konovalov, Igor; Kois, Julia; Mellikov, Enn; Öpik, Andres Organic and Polymeric Materials and Devices : symposium held April 22-25, 2003, San Francisco, California, USA 2003 / p. 243-248 : ill

CuInSe₂/polyaniline photovoltaic structure

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 148-154 : ill

CuInSe₂/polypyrrole photovoltaic structure prepared by electrodeposition

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume I 2002 / p. 160-163 : ill

CuInSe₂/polypyrrole (polyaniline) photovoltaic structures

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter Proceedings of the 14th Workshop on Quantum Solar Energy Conversion : QUANTSOL 2002, March 17-23, 2002, Rauris, Österreich 2002 / [2] p. : ill

Defect structure of Cu₂doped cadmium selenide

Öpik, Andres; Varvas, Jüri Physica status solidi (a) : applications and materials science 1982 / p. 467-473 : ill
<https://doi.org/10.1002/pssa.2210740212> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Dekaani sõna

Öpik, Andres Mente et Manu 2004 / 26. mai, lk. 4 https://www.ester.ee/record=b1242496*est

Department of Chemistry

Hödrejäär, Helvi; Veiderma, Mihkel; Kuusik, Rein, keemik; Hödrejäär, Helvi; Kallast, Vambola; Lille, Ülo; Öpik, Andres; Köstner, Ado; Vilu, Raivo; Kreen, Malle; Kuusik, Rein, keemik; Öpik, Andres Research activities / Tallinn Technical University 1993 / p. 45-48 https://www.ester.ee/record=b1053754*est

Development of a biosensor for label-free detection of proteins combining the surface acoustic wave platform and molecularly imprinted polymers

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 46

Development of a biosensor for label-free detection of proteins combining the surface acoustic wave platform and molecularly imprinted polymers

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres Proceedings of The 8th International Conference on Molecular Imprinting (MIP2014). Session 8 2014 / p. P-007

Development of a molecularly imprinted polymer-based sensor for electrochemical detection of macrolide antibiotics

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 43 : ill [Development of a molecularly](#)

Development of a portable MIP-based electrochemical sensor for detection of SARS-CoV-2 antigen

Raziq, Abdul; Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali Biosensors and bioelectronics 2021 / art. 113029 <https://doi.org/10.1016/j.bios.2021.113029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Jornal metrics at WOS](#) [Article at WOS](#)

Development of a strategy for preparation of protein surface imprinted electrosynthesized conducting polymer thin films
Kaev, Jevgeni; Tretjakov, Aleksei; Reut, Jekaterina; Söritski, Vitali; Gyurcsanyi, Robert E.; Öpik, Andres Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010 / p. 138

Development of a surface imprinting strategy based on a covalently immobilized protein
Boroznjak, Roman; Tretjakov, Aleksei; Söritski, Vitali; Reut, Jekaterina; Öpik, Andres Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 126

Development of antibiotic-imprinted polymer films on the dextran-modified gold surfaces
Tretjakov, Aleksei; Söritski, Vitali; Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Development of conductive polymer materials for anti-corrosion and sensor applications
Öpik, Andres; Golovtsov, Igor; Idla, Katrin; Söritski, Vitali Stambiamolekulių junginių chemija ir technologija = Polymer chemistry and technology 1997 / p. 133-142

Development of MIP sensors for antibiotics
Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p. : ill <http://events.eventact.com/ProgramView2/Agenda/Lecture?id=175779&code=3608113>

The development of surface imprinted thin films for immunoglobulin G molecular recognition
Boroznjak, Roman; Tretjakov, Aleksei; Reut, Jekaterina; Söritski, Vitali; Öpik, Andres MIP 2012 : 7th International Conference on Molecularly Imprinted Polymers Science and Technology : book of abstracts 2012 / p. 205

Development of synthetic receptor-based sensors for detection of neurotrophic factor proteins
Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali Graduate Student Symposium on Molecular Imprinting 2019, Berlin, Germany, August 28-30, 2019 : Symposium Programme and Book of Abstracts 2019 / p. 31 <https://drive.google.com/file/d/1zR0jNBFlayQ3AdKgX4YrCztpE00iSex-/view>

Doping and defect thermodynamic equilibrium in ZnS
Lott, Kalju 2000 http://www.ester.ee/record=b1316491*est

Doping mechanism for polyparaphenylene
Golovtsov, Igor; Öpik, Andres Kemia 95 : Finnish Chemical Congress and Exhibition and Nordic Polymer Meeting 1995, Helsinki, 14-16 Nov., 1995 : abstracts 1995 / p. 53-54

Eesti teadlased punuvad võrku halbade molekulide püüdmiseks : [TTÜ professori Andres Öpiku ja tema töögrupi teadustööst]
Jaagant, Urmas; Öpik, Andres Eesti Päevaleht 2012 / lk. 7 <https://epl.delfi.ee/artikkel/65237228/eesti-teadlased-punuvad-vorku-halbade-molekulide-puudmiseks>

Effect of polymer layer deposition and annealing on photovoltaic properties of CuInS₂/polymer structures
Verbitsky, Anatoly; Vertsimakha, Yaroslav; Studzinsky, Sergei; Bereznev, Sergei; Golovtsov, Igor; Kois, Julia; Öpik, Andres; Lytvyn, Oksana Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 18-23 : ill

Electrical properties of polyaniline and polypyrrole bilayer structures
Bereznev, Sergei; Golovtsov, Igor; Öpik, Andres Synthetic metals 2001 / 1/3, p. 1415-1416

Electrical properties of polyaniline and polypyrrole bilayer structures
Bereznev, Sergei; Golovtsov, Igor; Öpik, Andres International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 63-MonH138

Electrically conductive polymers - from imperfect crystals to functional materials
Öpik, Andres Proceedings of Baltic Polymer Symposium 2002, Nida, September 18-20, 2002 2002 / p. 9-14 : ill

Electrically conductive polymers - new challenge for functional materials?
Öpik, Andres Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 61

Electrically conductive polymers for solar energy conversion
Öpik, Andres; Bereznev, Sergei Baltic Polymer Symposium 2006 : September 20-22, 2006 : programme and proceedings 2006 /

Electrochemical detection of brain-derived neurotrophic factor by molecularly-imprinted polymer on screen-printed electrode

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p. : ill
<https://events.eventact.com/programview2/Agenda/Lecture/175959?code=3635110>

Electrochemical (redox) behaviour of microporous polyethylene-based conducting polypyrrole composites

Reut, Jekaterina; Rosova, Elena; Elyashevich, Galina K.; **Idla, Katrin; Öpik, Andres** Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / 3, p. 108-119 : ill

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://fntdk.ut.ee/teesid-2019/>

Electrochemical synthesis of CdSe/CdTe nanowires for hybrid photovoltaic structures

Gurevič, Jelena; Kois, Julia; Bereznev, Sergei; Mellikov, Enn; Öpik, Andres 2014 MRS Spring Meeting & Exhibit : April 21-25, 2014, San Francisco, California : program. Symposium UU, Semiconductor Nanowires-Synthesis, Properties and Applications 2014 / [1] p

Electrochemical synthesis of polypyrrole films containing nucleotides

Kovtun, Aleksandr; Malikova, O.; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres Book of abstracts of Baltic Polymer Symposium 2009 : Ventspils, Latvia, 22-25 September, 2009 2009 / ? p

Electrodeposited CDSE nanomatrix for hybrid polymer solar cells

Gurevič, Jelena; Bereznev, Sergei; Mikli, Valdek; Naidu, Revathi; Öpik, Andres; Mellikov, Enn; Kois, Julia Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 96 : ill

Electrodeposited (Cu-In-Se)/polypyrrole PV structures

Bereznev, Sergei; Kois, Julia; Golovtsov, Igor; Öpik, Andres; Mellikov, Enn Thin solid films 2006 / p. 425-429 : ill

Electrodeposition of CdSe nanofibers as photo-active matrix for polymer solar cells

Kois, Julia; Bereznev, Sergei; Gurevič, Jelena; Mellikov, Enn; Öpik, Andres Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 122

Electrodeposition of CuInSe₂ thin films onto Mo-glass substrates

Kois, Julia; Bereznev, Sergei; Mellikov, Enn; Öpik, Andres Thin solid films 2006 / p. 420-424 : ill

Electrosynthesized molecularly imprinted polymer thin films for antibiotics detection in aqueous solutions

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Zhang, Y.; Öpik, Andres Graduate Student Symposium on Molecular Imprinting 2013 : symposium programme and book of abstracts 2013 / p. 35

Electrosynthesized conducting polymers, polypyrrole and poly(3,4-ethylenedioxythiophene), for molecular imprinting

Öpik, Andres; Menaker, Anna; Reut, Jekaterina; Sõritski, Vitali; Malikova, O.; Kaev, Jevgeni; Kovtun, Aleksandr Book of abstracts of Baltic Polymer Symposium 2009 : Ventspils, Latvia, 22-25 September, 2009 2009 / ? p

Electrosynthesized conducting polymers, polypyrrole and poly(3,4-ethylenedioxythiophene), for molecular imprinting = Molekulaarselt jäljendatud süsteemid elektrokeemiliselt sünteesitud elektrit juhtivate polümeeride - polüpürrooli ja polü(3,4-etiüleendioksütiofeeni baasil

Menaker, Anna 2009 https://www.ester.ee/record=b2491805*est

Electrosynthesized molecularly imprinted polymer films for surface acoustic wave detection of antibiotics

Sõritski, Vitali; Tretjakov, Aleksei; Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres Proceedings of The 8th International Conference on Molecular Imprinting (MIP2014). Session 8 2014 / p. P-015

Electrosynthesized molecularly imprinted polymer thin films for antibiotics selective recognition

Tretjakov, Aleksei; Zhang, Y.; Reut, Jekaterina; Sõritski, Vitali; Öpik, Andres Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 115

Electrosynthesized molecularly imprinted polypyrrole films for enantioselective recognition of L-aspartic acid

Sõritski, Vitali; Reut, Jekaterina; Menaker, Anna; Gyurcsanyi, Robert E.; Öpik, Andres Electrochimica acta 2008 / 6, p. 2729-2736 : ill

Electrosynthesized molecular imprinted PEDOT microrods for IGG molecular recognition

Kovtun, Aleksandr; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010 / p. 149

Electrosynthesized surface-imprinted conducting polymer microrods for selective protein recognition

Menaker, Anna; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres; Horvath, Viola; Gyurcsanyi, Robert E. Advanced materials 2009 / p. 2271-2275 : ill <https://onlinelibrary.wiley.com/doi/abs/10.1002/adma.200803597>

Elektrit juhtivast polümeerist elektroodid vesilahustes

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

Elektritjuhtiv lahustuv polüürööl legeritud dodetsüülbenseensulfonaat- ja beeta-naftaleensulfonaatioonide seguga

Reut, Jekaterina; Öpik, Andres XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 115-116

Elektrokeemilised CuInS₂/polüürööl fotovolt struktuurid

Bereznev, Sergei; Konovalov, Igor; **Kois, Julia; Mellikov, Enn; Öpik, Andres** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 19

Elektrokeemilised CuInSe₂/polüürööl struktuurid päikeseenergeetikale

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Meissner, Dieter XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 16-17

Elektroonikamaterjalide omaduste uurimine ja kasutamine

Öpik, Andres 1994 https://www.ester.ee/record=b1066288*est

Enantioselective properties of overoxidized polypyrrole films imprinted with L-Aspartic acid studied by EQCM technique

Menaker, Anna; Sõritski, Vitali; Reut, Jekaterina; Gyurcsanyi, Robert E.; Toth, K.; **Öpik, Andres** The International Conference on Science and Technology of Synthetic Metals (ICSM'2006) : Dublin, Ireland, July 2-7, 2006 2006 / [poster presentation]

Energy materials

Mellikov, Enn; Öpik, Andres; Lust, Enn; Jänes, Alar Research in Estonia : present and future 2011 / p. 120-145 : ill

Enhancing binding properties of imprinted polymers for the detection of small molecules

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Tretjakov, Aleksei; Sõritski, Vitali Proceedings of the Estonian Academy of Sciences 2018 / p. 138–146 : ill <https://doi.org/10.3176/proc.2018.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental QCM sensors coated with polypyrrole

Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres; Idla, Katrin Synthetic metals 1999 / p. 1326-1327: ill

Environmental QCM sensors coated with polypyrrole

Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres; Idla, Katrin International Conference on Science and Technology of Synthetic Metals : ICSM'98 : July 12-18, 1998, Montpellier, France : book of abstracts 1998 / p. 160

Environmental QCM sensors coated with polypyrrole

Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres; Idla, Katrin International Conference on Science and Technology of Synthetic Metals : ICSM'98 : July 12-18, 1998, Montpellier, France : book of abstracts 1998 / p. 160

EQCM study enantioselective uptake of aspartic acid with overoxidized polypyrrole films

Sõritski, Vitali; Gyurcsanyi, Robert E.; **Reut, Jekaterina; Menaker, Anna; Toth, K.; Öpik, Andres** 56th International Meeting of Electrochemical Society (ISE2005) : book of abstracts 2005 / p. 965

Flexible solar cells based on copper tape : hybrid organic-inorganic structures

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres Proceedings of the IASTED International Conference Energy and Power Systems : March 29-31, 2006, Chiang Mai, Thailand 2006 / p. 161-164 : ill https://www.researchgate.net/publication/288789183_Flexible_solar_cells_based_on_copper_tape_Hybrid_organic-inorganic_structures

Foreword

Öpik, Andres Proceedings of the Estonian Academy of Sciences 2018 / p. 115–116

http://www.kirj.ee/public/proceedings_pdf/2018/issue_2/proc-2018-2-115-116.pdf [Journal metrics at Scopus](#) [Article at Scopus](#)

Foreword

Öpik, Andres Proceedings of the Estonian Academy of Sciences 2015 / p. 69-70

Foreword

Õpik, Andres Proceedings of the Estonian Academy of Sciences 2012 / p. 149

Foreword

Õpik, Andres Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 2, p. 83-84

Foreword

Õpik, Andres Proceedings of the Estonian Academy of Sciences. Chemistry 2006 / 2, p. 59-60

Füüsikalise keemia ülesandeid

Varvas, Jüri 1991 https://www.ester.ee/record=b1189842*est

Glass/ITO/In(O,S)/CuIn(S,Se)₂ solar cell with conductive polymer window

Kois, Julia; Bereznev, Sergei; Raudoja, Jaan; Mellikov, Enn; Õpik, Andres The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 44

Glass/ITO/In(O,S)/CuIn(S,Se)₂ solar cell with conductive polymer window layer

Kois, Julia; Bereznev, Sergei; Raudoja, Jaan; Mellikov, Enn; Õpik, Andres Solar energy materials and solar cells 2005 / p. 657-665 : ill

Halogeenide kõrgtemperatuurne difusioon polüparafenüleenis = High temperature diffusion of halogens in polyparaphenylene

Golovtsov, Igor; Õpik, Andres XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 31-32 https://www.ester.ee/record=b1070511*est

Hazard evaluation of metal-based nanoparticles and lanthanides with freshwater microcrustaceans = Metalliliste nanoosakeste ja lantaniidide kahjulikkuse hindamine magevee pisivähkidega

Muna, Marge 2019 <https://digi.lib.ttu.ee/i/?11634>

Helsingi - Tallinn koostöö areneb!

Õpik, Andres Mente et Manu 2005 / 26. jaan., lk. 1, 4 : fot https://www.ester.ee/record=b1242496*est

High temperature antistructure disorder in undoped ZnS

Lott, Kalju; Šinkarenko, Svetlana; Türn, Leo; Nirk, Tiit; Õpik, Andres; Kallavus, Urve; Gorokhova, Elena; Grebennik, A.; Vishnjakov, A. Physica B : condensed matter 2009 / 23/24, p. 5006-5008 : ill
<https://www.sciencedirect.com/science/article/pii/S0921452609009910>

High temperature defect equilibrium in ZnS:Cu single crystals

Lott, Kalju; Šinkarenko, Svetlana; Türn, Leo; Nirk, Tiit; Õpik, Andres; Kallavus, Urve; Gorokhova, Elena; Grebennik, A.; Vishnjakov, A. Physica status solidi (b) 2010 / 7, p. 1662-1665

High temperature diffusion of halogens and alkali metals into polyparaphenylene

Golovtsov, Igor; Õpik, Andres Synthetic metals 1999 / p. 463-464: ill

High temperature diffusion of halogens and alkali metals into polyparaphenylene

Golovtsov, Igor; Õpik, Andres International Conference on Science and Technology of Synthetic Metals : ICSM'98 : July 12-18, 1998, Montpellier, France : book of abstracts 1998 / p. 204

High temperature doped polyparaphenylene as electrode solutions

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

High temperature electrical conductivity in donor-doped II-VI compounds

Lott, Kalju; Volobujeva, Olga; Õpik, Andres; Nirk, Tiit; Türn, Leo; Nöges, M. Physica status solidi (c) 2003 / 2, Proceedings 10th International Conference on Shallow Level Centers in Semiconductors (SLCS-10) : Warsaw, Poland, 24-27 July 2002, p. 618-621 : ill
<https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.200306185>

High temperature electrical conductivity in donor-doped II-VI compounds

Lott, Kalju; Volobujeva, Olga; Õpik, Andres; Nirk, Tiit; Türn, Leo; Nöges, M. 10th International Conference on Shallow-level Centers in Semiconductors : SLCS-10, Warsaw, Poland, July 24-27, 2002 : program & abstracts 2002 / p. 42

High temperature electrical conductivity in hydrothermally grown ZnO

Lott, Kalju; Nirk, Tiit; Türn, Leo; Šinkarenko, Svetlana; Õpik, Andres Physica status solidi (c) 2014 / p. 1481-1484 : ill

High temperature electrical conductivity in ZnSe:In and in CdSe:In under selenium vapor pressure

Lott, Kalju; Šinkarenko, Svetlana; Volobujeva, Olga; Tümn, Leo; Nirk, Tiit; Öpik, Andres; Nisumaa, Reet; Kallavus, Urve; Nõges, M.; Mikli, Valdek; Viljus, Mart; Gorokhova, Elena; Ananjeva, G.; Grebennik, A.; Vishnjakov, A. *Physica status solidi (b)* 2007 / 5, p. 1623-1626

https://www.researchgate.net/publication/238892320_High_temperature_electrical_conductivity_in_ZnSeln_and_in_CdSeln_under_selenium_vap_or_pressure

High temperature electrical conductivity in the Ag solubility limit region in ZnS and in CdSe

Lott, Kalju; Nirk, Tiit; Raukas, Maie; Volobujeva, Olga; Öpik, Andres; Vishnjakov, A. *International journal of inorganic materials* 2001 / 8, p. 1295-1297 : ill

High temperature electrical conductivity in undoped ceramic ZnO

Lott, Kalju; Nirk, Tiit; Gorokhova, Elena; Tümn, Leo; Viljus, Mart; Öpik, Andres; Vishnjakov, A. *Crystal research and technology* 2015 / p. 10-14 : ill <http://dx.doi.org/10.1002/crat.201400138>

High vacuum evaporation of n-CuIn3Se5 photoabsorber films for hybrid PV structures with conductive polymers

Adhikari, Nirmal; Bereznev, Sergei; Laes, Kristjan; Kois, Julia; Volobujeva, Olga; Raadik, Taavi; Öpik, Andres; Traksmaa, Rainer; Tverjanovich, Andrey *Baltic Polymer Symposium 2010 : Palanga, September 8-11, 2010 : programme and abstracts 2010* / p. 124

High vacuum evaporation of n-CuIn3Se5 photoabsorber films for hybrid structures

Adhikari, Nirmal; Bereznev, Sergei; Laes, Kristjan; Volobujeva, Olga; Öpik, Andres EMRS-2010 Spring Meeting : Strasbourg, France, June 7-11 : program and book of abstracts. Symposium M 2010 / p. 8

Higher education and science reform (HESR) program advances materials research in Estonia

Mellikov, Enn; Öpik, Andres *MRS bulletin* 1999 / 10, p. 6-8

Highly conductive PEDOT-PSS back contact layer for CdTe photoabsorber layer in the solar cell

Bereznev, Sergei; Volobujeva, Olga; Laes, Kristjan; Kois, Julia; Öpik, Andres ICSM-2008 : International Conference of Science and Technology of Synthetic Metals : Porto de Galinhas, Brazil, July 6-11, 2008 : book of abstracts 2008 / p. 160

High-temperature doping of polyparaphenylene with halogens

Öpik, Andres; Ahven, Tarmo *Solid state communications* 1990 / 10, p. 661-664: ill

High-temperature electrical conductivity of codoped ZnS and CdSe

Lott, Kalju; Volobujeva, Olga; Nirk, Tiit; Tümn, Leo; Öpik, Andres; Gorokhova, E. *Physica B* 2003 / p. 263-266 : ill

High-vacuum evaporation of n-CuIn3Se5 photoabsorber films for hybrid PV structures

Adhikari, Nirmal; Bereznev, Sergei; Laes, Kristjan; Kois, Julia; Volobujeva, Olga; Raadik, Taavi; Traksmaa, Rainer; Tverjanovich, Andrey; Öpik, Andres; Mellikov, Enn *Journal of electronic materials* 2011 / p. 2374-2381 : ill

Humidity and SO2 gas sensor based on QCM coated with polypyrrole films

Sõritski, Vitali; Öpik, Andres Finnish Chemical Congress and Exhibition, Helsinki, November 3-5, 1998 : abstracts 1998 / p. 10

Hübriidsetes fototundlikes struktuurides rakendatavate n-CuIn3Se5 fotoabsorberkilede valmistamine kõrgvaakumaurustamise meetodil

Bereznev, Sergei; Adhikari, Nirmal; Kois, Julia; Volobujeva, Olga; Laes, Kristjan; Traksmaa, Rainer; Raadik, Taavi; Öpik, Andres XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 15

Hybrid copper-indium disulfide polypyrrole/photovoltaic structures prepared by electrodeposition

Bereznev, Sergei; Konovalov, Igor; Öpik, Andres; Kois, Julia; Mellikov, Enn *Solar energy materials and solar cells* 2005 / p. 197-206 : ill

Hybrid CuInS2/polypyrrole and CuInS2/poly(3,4-ethylenedioxythiophene) photovoltaic structures [Electronic resource]

Bereznev, Sergei; Öpik, Andres; Konovalov, Igor *Proceedings of the International Conference on the Science and Technology of Synthetic Metals : ICSM 04 : Wollongong, Australia, June 28-July 2, 2004* 2004 / [CD-ROM]

Hybrid CuInS2/polypyrrole and CuInS2/poly(3,4-ethylenedioxythiophene) photovoltaic structures

Bereznev, Sergei; Konovalov, Igor; Öpik, Andres; Kois, Julia *Synthetic metals* 2005 / 1/3, p. 81-84 : ill

Hybrid molecularly imprinted polymer for amoxicillin detection

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Furchner, Andreas; Sõritski, Vitali *Biosensors and bioelectronics* 2018 / p. 102-107 : ill <https://doi.org/10.1016/j.bios.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hybrid solar cells based on a-Si and electrodeposited polypyrrole

Dosenovicova, Denisa; Bereznev, Sergei; Maricheva, Jelena; Neumüller, A.; Sergeev, O.; **Volobujeva, Olga; Kois, Julia; Öpik, Andres** Baltic Polymer Symposium 2016 : programme and abstracts 2016 / p. 31 : ill

Hybrid solar cells based on CuInS₂ and organic buffer-sensitizer layers

Bereznev, Sergei; Koeppe, R.; Konovalov, Igor; **Kois, Julia; Günes, S.; Öpik, Andres; Mellikov, Enn;** Sariciftci, N.S. Thin solid films 2006 / 15, p. 5759-5762 : ill

Hybrid solar cells based on inorganic photoabsorbers and organic functional layers

Bereznev, Sergei; Mellikov, Enn; Öpik, Andres Book of abstracts OP 2007 : 7th International Conference on Optical Probes of p-Conjugated Polymers and Functional Self-Assemblies : Turku, Finland, 11-15 June 2007 2007 / p. 107

Hybrid solar cells based on inorganic thin film structures and conjugated polymers

Kois, Julia; Bereznev, Sergei; Raudoja, Jaan; Mellikov, Enn; Öpik, Andres Proceedings of SPIE 2005 / Optical materials and applications, p. 59460V-1 - 59460V-6 : ill

Immunoglobuliini orienteeritud immobilisatsioon aluspinnal : valkude molekulaarse jälgendamise metoodika täiustamine

Boroznjak, Roman; Sõritski, Vitali; Reut, Jekaterina; Öpik, Andres XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 16

Influence of conductive polymer deposition on photovoltaic properties of prospective inorganic photoabsorber CuInS₂ in solar cell

Bereznev, Sergei; Kois, Julia; Mellikov, Enn; Öpik, Andres; Verbitsky, Anatoly; Vertsimakha, Yaroslav Proceedings of the Third IASTED Asian Conference Power and Energy Systems : April 2-4, 2007, Phuket, Thailand 2007 / p. 232-235
[https://www.researchgate.net/publication/288795301_Influence_of_conductive_polymer_deposition_on_photovoltaic_properties_of_prospective_inorganic_photoabsorber_CuInS₂ in solar cell](https://www.researchgate.net/publication/288795301_Influence_of_conductive_polymer_deposition_on_photovoltaic_properties_of_prospective_inorganic_photoabsorber_CuInS2_in_solar_cell)

Innovatsioonist Eesti põlevkivimajanduses

Öpik, Andres; Öpik, Ilmar Tallinna Tehnikaülikooli aastaraamat 2001 2003 / lk. 340-343

Innovatsioonist Eesti põlevkivimajanduses

Öpik, Andres; Öpik, Ilmar Mente et Manu 2001 / 17. apr., lk. 3-4 : fot https://www.ester.ee/record=b1242496*est

In-situ characterization of the polypyrrole films by EQCM and CER techniques

Sõritski, Vitali; Öpik, Andres; Talo, A.; Forsen, Olof Synthetic metals 2001 / 1/3, p. 309-310 : ill

In-situ characterization of the polypyrrole films by QCM and CER techniques

Sõritski, Vitali; Öpik, Andres; Talo, A.; Forsen, Olof International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 122-WedA121 <https://research.aalto.fi/publications/in-situ-characterization-of-the-polypyrrole-films-by-qcm-and-cer->

Interaction of point defects with impurities in the Si-SiO₂ system and its influence on the properties of the interface

Kropman, Daniel; Mellikov, Enn; Öpik, Andres; Lott, Kalju; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A.; Skroupa, W.; Prucnal, S.; Rebohle, L.; Zvyagin, S.; Cizmar, E.; Ozerov, M.; Wosnitsa, J. Thin solid films 2010 / 9, p. 2374-2376
<https://www.sciencedirect.com/science/article/abs/pii/S0040609009014564>

Investigation of the conductivity stability of doped polyparaphenylene

Golovtsov, Igor; Öpik, Andres 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 18

Ion transport investigations of polypyrroles doped with different anions by EQCM and CER techniques

Sõritski, Vitali; Öpik, Andres; Forsen, Olof Electrochimica acta 2003 / 10, p. 1409-1417 : ill

Jätkusuutlik energeetika : uus õppekava : [rahvusvaheline magistriõppekava TTÜs]

Öpik, Andres; Kello, Karl Õpetajate Leht 2009 / 11. sept., lk. 9 : ill

Jüri Varvas : 16.04.1928 - 28.11.2006 : [in memoriam]

Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 427-428

Keemia- ja materjalitehnika teaduskond. Teadus- ja arendustegevus 2005 : teaduselt tootmisele

2006 http://www.ester.ee/record=b2629011*est

Keemia- ja materjalitehnoloogia teaduskond : teadus- ja arendustegevus 2006 : teaduselt tootmisele

2007 https://www.ester.ee/record=b2629011*est

Keemia- ja materjalitehnoloogia teaduskond : teadus- ja arendustegevus 2007

2008 https://www.ester.ee/record=b2629011*est

Keemia- ja materjalitehnoloogia teaduskond : teadus- ja arendustegevus 2008

2009 https://www.ester.ee/record=b2629011*est

Keemia- ja materjalitehnoloogia teaduskond 2011/2012

2012 https://www.ester.ee/record=b2629011*est

Keemia- ja materjalitehnoloogia teaduskond Tehnikaülikoolis

Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 14-17

Keemiaharidus ja keemiatööstus muutuv maailmas

Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 1999 2000 / lk. 24-28

Keemiainsenerid Tallinna Tehnikaülikoolist

Öpik, Andres; Mikkal, Valdek Eesti Keemia Selts 75 1994 / lk. 56-62: sk https://www.ester.ee/record=b1065478*est

Keemiainstituut

Hödrejärvi, Helvi; Kreen, Malle; Kuusik, Rein, keemik; Öpik, Andres Teadustegevus / TTÜ 1993 / lk. 45-48

Keemiline tehnoloogia ja biotehnoloogia

Öpik, Andres Tehnoloogiaseire. II, (Eesti majanduse tehnoloogilise taseme analüüs) 2000 / lk. 61-71

Keemiline tehnoloogia ja biotehnoloogia

Öpik, Andres Tehnoloogiaseire. I, (Eesti majanduse tehnoloogilise taseme võrdlev analüüs) 1999 / lk. 36-44

Keskkonnasensorid juhtivatel polümeeridel = Environmental sensors based conductive polymers

Bereznev, Sergei; Sõritski, Vitali; Öpik, Andres XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 17-18 https://www.ester.ee/record=b1070511*est

Kolloidkeemia praktikum

1997 https://www.ester.ee/record=b1059862*est

Kolloidkeemia praktikum

1987 https://www.ester.ee/record=b4141530*est

Kolmanda põlve akadeemik Andres Öpik püüab kinni halbu molekule

Öpik, Andres; Kändler, Tiit Sirp 2014 / lk. 34-35 : fot <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/2014-02-13-14-01-51/>

Kuidas hoiduda arengulöksust?

Veinthal, Renno; Lopp, Margus; Kattel, Rainer; Öpik, Andres; Kamratov, Ardo Mente et Manu 2014 / lk. 4-7 : fot https://www.ester.ee/record=b1242496*est

Kvaliteetne teaduspõhine haridus ja efektiivne majandamine on stabiilse arengu alus : [rektorikandidaadi teesid]

Öpik, Andres Mente et Manu 2005 / 22. märts, Rektori Valimine, lk. 4-7 https://www.ester.ee/record=b1242496*est

Kõrgtehnoloogilised materjaliuuringud Tallinna Tehnikaülikoolis

Mellikov, Enn; Öpik, Andres Teadusmõte Eestis : tehnikateadused 2002 / lk. 73-76 : ill

Lugemiselamus : Raul Rebane "Võimalik", Startkom, 2014

Öpik, Andres Horisont 2015 / lk. 61

Materials science and engineering in Estonia

Mellikov, Enn; Kulu, Priit; Öpik, Andres Abstracts of International Conference MRS Spring Meeting 2000 / p. HH5.3

Materials science education in Estonia

Kaps, Tiit; Mellikov, Enn; Öpik, Andres; Kulu, Priit International Conference on Advanced Materials : ICAM'97. European Materials Research Society Spring Meeting : E-MRS'97 : Strasbourg, France, June 16-20, 1997 : book of abstracts 1997 / p. F-6

Materials science education in Estonia

Kaps, Tiit; Mellikov, Enn; Lopp, Margus; Öpik, Andres; Kulu, Priit MRS Fall Meeting, Boston, 1996 : abstracts 1996 / p. 765

Materials science in Estonia

Kaps, Tiit; Mellikov, Enn; Lopp, Margus; Öpik, Andres; Kulu, Priit Journal of materials education 1999 / p. 77-81

Materjalid defineerivad ajastu

Öpik, Andres Horisont 2015 / lk. 26-33 : ill https://artiklid.elnet.ee/record=b2716324*est

Materjaliteadus Tallinna Tehnikaülikoolis ja rahvusvaheline koostöö

Mellikov, Enn; Kulu, Priit; Öpik, Andres IV Välis-Eesti kongress, 29.-30. juunil 1999. a. Tallinnas : ettekannete kokkuvõtted 1999 / lk. 66-68

Mente et Manu küsimused rektorikandidaatidele : [vastavad: Olev Liik, Peep Sürje, Andres Öpik]

Liik, Olev; Sürje, Peep; Öpik, Andres Mente et Manu 2005 / lk. 1, 3-4, 7 https://www.ester.ee/record=b1242496*est

Mesoporous molecularly imprinted polymer for label-free detection of a small analyte

Ayankojo, Akinrinade George; Söritski, Vitali; Reut, Jekaterina; Öpik, Andres MIP2016 : the 9th International Conference on Molecular Imprinting : June 26-30, 2016, Elite Hotel Ideon, Lund, Sweden 2016 / p. [214]

A mesoscale simulation of the morphology of the PEDT/PSS complex in the water dispersion and thin film : the use of the MesoDyn simulation code

Kaevand, Toomas; Öpik, Andres; Lille, Ülo Advances in computer and information Science and Engineering. XVIII 2008 / p. 540-546 : ill

Micropatterned surface imprinted PEDOT films for selective protein recognition

Söritski, Vitali; Kaev, Jevgeni; Reut, Jekaterina; Öpik, Andres; Gyurcsanyi, Robert E.; Rappich, Jörg 60th Annual Meeting of the International Society of Electrochemistry : Beijing, China, 16-21 August, 2009 2009 / ? p

Microwave assisted synthesis of CuInSe₂ nanopowder

Gertsin, A.; Muradova, Galina; Shoka, A.; Kim, Dongsoo; Bereznev, Sergei; Tverjanovich, Andrey; Kois, Julia; Öpik, Andres; Tveryanovich, Yuri S. Hybrid and Organic Photovoltaic Conference (HOPV09) : 10-13 May 2009, Benidorm, Spain : book of abstracts 2009 / p. 79

MIP-based electrochemical sensor for direct detection of hepatitis C virus via E2 envelope protein

Antipchik, Mariia; Reut, Jekaterina; Ayankojo, Akinrinade George; Öpik, Andres; Söritski, Vitali Talanta 2022 / art. 123737 <https://doi.org/10.1016/j.talanta.2022.123737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mis on teie kõige põletavam probleem? : [vastavad L.Mötus, R.-K.Loide, V.Rajangu, E.Reinsalu, A.Purju, J.Kübarsepp, A.Öpik]

Mötus, Leo; Loide, Rein-Karl; Rajangu, Väino; Reinsalu, Enno; Purju, Alari; Kübarsepp, Jakob; Öpik, Andres; Reinde, Urmi Tehnikaülikool 1997 / 18. dets., lk. 2-3, 12: ill https://www.ester.ee/record=b5309277*est

Modification of conductive properties and processability of polyparaphenylene, polypyrrole and polyaniline

Golovtsov, Igor 2005 https://www.ester.ee/record=b2097077*est

Molecularly imprinted conducting polymers for protein assays

Söritski, Vitali; Reut, Jekaterina; Menaker, Anna; Gyurcsanyi, Robert E.; Toth, K.; Öpik, Andres The International Conference on Science and Technology of Synthetic Metals (ICSM'2006) : Dublin, Ireland, July 2-7, 2006 2006 / [poster presentation]

Molecularly imprinted poly (3,4-ethylenedioxythiophene) on micro-patterned substrates

Kaev, Jevgeni; Söritski, Vitali; Reut, Jekaterina; Rappich, Jörg; Öpik, Andres Book of abstracts of Baltic Polymer Symposium 2009 : Ventspils, Latvia, 22-25 September, 2009 2009 / ? p

Molecularly imprinted polymer based electrochemical sensor for quantitative detection of SARS-CoV-2 spike protein

Ayankojo, Akinrinade George; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali Sensors and Actuators B: Chemical 2022 / Art. 131160 <https://doi.org/10.1016/j.snb.2021.131160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Molecularly imprinted polymer based SPR sensors for label-free detection of antibiotics

Tretjakov, Aleksei; Ayankojo, Akinrinade George; Söritski, Vitali; Reut, Jekaterina; Öpik, Andres Recent Developments in Polymer Synthesis : MACRO 2014 : poster presentation 2014 / p. 286

Molecularly imprinted polymer film interfaced with Surface Acoustic Wave technology as a sensing platform for label-free protein detection

Tretjakov, Aleksei; Söritski, Vitali; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres Analytica chimica acta 2016 / p. 182-188 : ill <http://dx.doi.org/10.1016/j.aca.2015.11.004>

Molecularly imprinted polymer integrated with a Surface Acoustic Wave technique for detection of sulfamethizole

Ayankojo, Akinrinade George; Tretjakov, Aleksei; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Rappich, Jörg; Furchner, Andreas; Hinrichs, Karsten; Söritski, Vitali Analytical chemistry 2016 / p. 1476-1484 : ill <http://dx.doi.org/10.1021/acs.analchem.5b04735>

Molecularly imprinted polymer-based SAW sensor for label-free detection of cerebral dopamine neurotrophic factor protein

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Saarma, Mart; Sõritski, Vitali Sensors and actuators B : chemical 2020 / art. 127708, 8 p. : ill <https://doi.org/10.1016/j.snb.2020.127708> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecularly imprinted polymer-based sensor for electrochemical detection of erythromycin

Ayankojo, Akinrinade George; Reut, Jekaterina; Ciocan, Valeriu; Öpik, Andres; Sõritski, Vitali Talanta 2020 / art. 120502, 9 p. : ill <https://doi.org/10.1016/j.talanta.2019.120502> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecularly imprinted polymer-based sensor for label-free detection of a neurotrophic factor protein - cerebral dopamine neurotrophic factor

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali The 10th International Conference on Molecular Imprinting, Jerusalem, Israel, June 24-28, 2018 : [abstracts] 2018 / 1 p <https://events.eventact.com/programview2/Agenda/Lecture/174899?code=3666033>

Molecularly imprinted polymers : a new approach to the preparation of functional materials

Öpik, Andres; Menaker, Anna; Reut, Jekaterina; Sõritski, Vitali Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 3-11 : ill

Molecularly imprinted polymers as advanced sensing materials for detection of neurotrophic factor proteins

Reut, Jekaterina; Kidakova, Anna; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali 6th International Conference on Bio-Sensing Technology, 16-19 June 2019, Kuala Lumpur, Malaysia : program 2019 / P2.64 <https://www.elsevier.com/events/conferences/international-conference-on-bio-sensing-technology>

Molecularly imprinted polymers as synthetic antibodies for neurotrophic factor proteins detection.

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Baltic Polymer Symposium 2019 : Vilnius, Lithuania, 18-20 September 2019 : programme and proceedings 2019 / p. 44 [Molecularly imprinted polymers ...](#)

Molecularly imprinted polymers designed to detect antibiotic pollutants in water = Molekulaarselt jälgendatud polümeerid antibiootikumide määramiseks vesikeskkonnas

Ayankojo, Akinrinade George 2018 <https://digi.lib.ttu.ee/i/?9952>

Molecularly imprinted poly(meta-phenylenediamine) based QCM sensor for detecting Amoxicillin

Ayankojo, Akinrinade George; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres; Sõritski, Vitali Sensors and actuators B : chemical 2018 / p. 766-774 : ill <https://doi.org/10.1016/j.snb.2017.11.194> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecularly imprinted poly(m-phenylenediamine) films as a sensing layer for antibiotic detection

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Zhang, Y.; Öpik, Andres; Hinrichs, Karsten; Rappich, Jörg Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 41

Molekulaarselt jälgendatud polü(3,4-etiüleendioksütiofeeni) mikrostruktuuride valmistamine mikrokiipidel

Kaev, Jevgeni; Tretjakov, Aleksei; Lautner, G.; Reut, Jekaterina; Sõritski, Vitali; Öpik, Andres; Gyurcsanyi, Robert E.; Rappich, Jörg XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 32

Molekulide püüdmine

Öpik, Andres Tarkade Klubi 2010 / erinumber, lk. 50

Multilayer structures based on poly(paraphenylene) thin films

Golovtsov, Igor; Bereznev, Sergei; Öpik, Andres Baltic Polymer Symposium 2009 : Ventspils, Latvia, September 22-25, 2009 : programme and proceedings 2009 / p. 14

Multilayer structures based on poly(paraphenylene)-polypyrrole blend semiconductive films deposited on light transparent substrates

Golovtsov, Igor; Öpik, Andres Proceedings of Baltic Polymer Symposium 2002, Nida, September 18-20, 2002 2002 / p. 156-161 : ill

Mõtteid ÜS Liivikast Tallinna Tehnikaülikoolis hariduse saanud ja seal töötava liiviklase pilgu läbi

Öpik, Andres Liivika album 1999 1999 / lk. 99-101

A new approach in preparation of molecularly imprinted polymer thin films for immunoglobulin G specific recognition

Boroznjak, Roman; Reut, Jekaterina; Sõritski, Vitali; Öpik, Andres Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 77

A new curriculum in sustainable energetics in Estonia

Meissner, Dieter; Mellikov, Enn; Öpik, Andres; Koppel, Ilmar; Lust, Enn The journal of materials education 2009 / 1/2, p. 23-32

On the percolation behavior of the thin films of the PEDT/PSS complex : a mesoscale simulation study

Kaevand, Toomas; Kalda, Jaan; Öpik, Andres; Lille, Ülo Technological Developments in Education and Automation 2010 / p. 103-107 : ill

One-source PVD of n-CuIn₅Se₈ photoabsorber films for hybrid solar cells

Bereznev, Sergei; Adhikari, Nirmal; Kois, Julia; Raadik, Taavi; Traksmaa, Rainer; Volobujeva, Olga; Kouhiisfahani, Elham; Öpik, Andres Solar energy 2013 / p. 202-208 : ill

Paul Kogerman Eesti tehnikakultuuri taustal : sõnavõtt raamatu "Paul Kogerman ja tema aeg" esitlusel 3.detsembril 2004 TTÜs

Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 337-339

Paul Kogermanist Eesti tehnikakultuuri taustal : [sõnavõtt raamatu "Paul Kogerman ja tema aeg" esitlusel TTÜ nõukogu saalis 3. detsembril]

Öpik, Andres Mente et Manu 2004 / lk. 2 : ill https://www.ester.ee/record=b1242496*est

Photo- and electropolymerization approaches for molecular imprinting of a neurotrophic factor protein

Kidakova, Anna; Boroznjak, Roman; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 43 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Photo- and Electropolymerization Approaches for Molecular Imprinting of a Neurotrophic Factor Protein = Foto- ja elektropolümeerisatsiooni meetodid neurotroofsete tegurite molekulaarseks jäljendamiseks

Kidakova, Anna 2020 <https://digikogu.taltech.ee/et/Item/2ca7105c-05df-4af9-91cc-0e85d3840dc2>

Photo-assisted electrodeposition of polypyrrole back contact to CdS/CdTe solar cell structures

Jarkov, Aleksandr; Bereznev, Sergei; Volobujeva, Olga; Traksmaa, Rainer; Tverjanovich, Andrey; Öpik, Andres; Mellikov, Enn Thin solid films 2013 / p. 198-201 : ill

Photo-assisted electrodeposition of polypyrrole back contact to CdS/CdTe solar cell structures

Jarkov, Aleksandr; Bereznev, Sergei; Kois, Julia; Volobujeva, Olga; Öpik, Andres E-MRS Spring Meeting 2012 - Symposium B : Strasbourg, France, May 14-18, 2012 : program and abstract book 2012 / p. 8

Photoelectrochemical deposition of PPY onto hydrogenated A-Si for optoelectronic applications

Dosenovicova, Denisa; Maricheva, Jelena; Neumüller, Alex; Sergeev, Oleg; Volobujeva, Olga; Nasibulin, Albert; Kois, Julia; Öpik, Andres; Bereznev, Sergei Open Readings 2017 : 60th International Conference for Students of Physics and Natural Sciences, March 14-17, 2017, Vilnius, Lithuania : programme and abstracts 2017 / p. 241 http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf

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; Söritski, 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](#)

Photovoltaic structures formed by thermal annealing of electrodeposited CuInSe₂ in H₂S

Kois, Julia; Bereznev, Sergei; Mellikov, Enn; Öpik, Andres Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / 2, p. 51-58 : ill

Polüparafenüleen/polüüpürrool mitmekihilised struktuurid

Golovtsov, Igor; Öpik, Andres XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 31

Polüüpürrool-polüparafenüleen komposiitkilede ja polüüpürrookilede omaduste uurimine

Golovtsov, Igor; Öpik, Andres XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 22-23

Polüüpürrooliga modifitseeritud elektrit juhtiva mikropoorse polüetüleeni elektrokeemilised omadused

Reut, Jekaterina; Rosova, E.Yu.; Elyashevich, Galina K.; **Idla, Katrin; Öpik, Andres** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 114-115

Polyaniline and polypyrrole as anti-corrosion materials

Talo, A.; Idla, Katrin; Forsen, Olof; **Öpik, Andres;** Yläsaari, Seppo International Society of Electrochemistry, 47th Annual Meeting : abstracts : Veszprém & Balatonfüred, Hungary, September 1-6, 1996 1996 / p. P2c-11

Polycrystalline CuIn₃Se₅ thin film photoabsorber deposited by the pulsed laser deposition technique

Tverjanovich, Andrey; **Bereznev, Sergei**; Borisov, Evgeny N.; Kim, Dongsoo; **Kois, Julia**; Laes, Kristjan; **Volobujeva, Olga**; **Öpik, Andres**; **Mellikov, Enn**; Tverjanovich, Yuri S. Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 24-28 : ill

Poly(m-phenylenediamine) thin films molecularly imprinted with antibiotics as a recognition material for biosensor application

Sõritski, Vitali; **Reut, Jekaterina**; **Tretjakov, Aleksei**; **Öpik, Andres**; Hinrichs, Karsten; Rappich, Jörg Polymers for advanced technologies 2013 / p. 153

Polypyrrole back contact to CDS/CDTE solar cell structures by photo-assisted electrodeposition technique

Jarkov, Aleksandr; **Bereznev, Sergei**; **Kois, Julia**; **Volobujeva, Olga**; **Öpik, Andres** Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 42

Polypyrrole back-contact to CdS/CdTe solar cell

Bereznev, Sergei; **Jarkov, Aleksandr**; **Kois, Julia**; **Volobujeva, Olga**; **Mellikov, Enn**; **Öpik, Andres** 11th International Symposium on Functional π -electron systems (F π -11) : June 2-7, 2013, Arcachon, France : book of abstracts 2013 / p. 164

Polypyrrole coatings on conducting and insulating substrates

Reut, Jekaterina 2004 https://www.ester.ee/record=b1884787*est

Polypyrrole electrodeposition on inorganic semiconductors CuInSe₂ and CuInS₂ for photovoltaic applications

Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** Electronic Phenomena in Organic Solids : Prague, Czech Republic, July 14-18, 2002 2004 / p. 287-292 : ill

Polypyrrole electrodeposition on inorganic semiconductors CuInSe₂ and CuInS₂ for photovoltaic applications

Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** 21st Discussion Conference of P.M.M./9th International Conference ERPOS : Electrical and Related Properties of Polymers and Other Organic Solids : Prague, 14-18 July 2002 : programme booklet. Volume K 76 2002 / p. 96

Polypyrrole electrodeposition on inorganic semiconductors CuInSe₂ and CuInS₂ for photovoltaic applications

Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** 21st Discussion Conference of P.M.M./9th International Conference ERPOS : Electrical and Related Properties of Polymers and Other Organic Solids : Prague, 14-18 July 2002 2002 / [6] p. : ill

Polypyrrole photovoltaic structure prepared by electrodeposition

Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres**; Meissner, Dieter Seventeenth European Photovoltaic Solar Energy Conference and Exhibition : München, Germany, October 22-26, 2001 : book of abstracts 2001 / p. 150

Polypyrrole-polyparaphenylene blend films electrochemically deposited onto light transparent substrates

Golovtsov, Igor; **Öpik, Andres** International Conference on Science and Technology of Synthetic Metals : book of abstracts 2002 / p. 32

Practical application of polyaniline as active material of humidity sensors

Bereznev, Sergei; **Öpik, Andres** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 28-34: ill

Preface

Öpik, Andres Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 1-2

Preparation and characterization of multilayer system consisting of the soluble and electrochemically synthesized polypyrrole films

Reut, Jekaterina; **Reut, N.**; **Öpik, Andres** International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 5-SunA109

https://www.researchgate.net/publication/243345790_Preparation_and_characterization_of_multilayer_Systems_consisting_of_the_soluble_and_electrochemically_synthesized_polypyrrole_films

Preparation and characterization of multilayer systems consisting of the soluble and electrochemically synthesized polypyrrole films

Reut, Jekaterina; **Reut, N.**; **Öpik, Andres** Synthetic metals 2001 / 1/3, p. 81-82 : ill

Preparation and impedance spectroscopy of hybrid structures based on CuIn₃Se₅ photoabsorber = Hübridsete CuIn₃Se₅ fotoabsorberstruktuuride valmistamine ja impedantsispektroskoopia

Laes, Kristjan 2010 https://www.ester.ee/record=b2580322*est

Preparation and investigation of molecularly imprinted structures based on electrosynthesized polymers

Menaker, Anna; **Sõritski, Vitali**; **Reut, Jekaterina**; **Öpik, Andres** Baltic Polymer Symposium 2007 : Druskininkai, Lithuania,

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; Söritski, 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

Preparation of molecularly imprinted films for curcuminoid recognition

Boroznjak, Roman; Wulandari, M.; Söritski, Vitali; Reut, Jekaterina; Öpik, Andres TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Professor Adolf Gustav Parts - 100

Öpik, Andres Mente et Manu 2004 / lk. 2 : portr https://www.ester.ee/record=b1242496*est

Properties of CuInS₂ free surface and the effect of conductive polymer layers on these properties

Verbitsky, Anatoly; Vertsimakh, Yaroslav; Lutsyk, Petr; Studzinsky, Sergei; **Bereznev, Sergei; Kois, Julia; Öpik, Andres; Mellikov, Enn** Proceedings of the Estonian Academy of Sciences. Chemistry 2006 / 2, p. 111-119 : ill

Prostate specific antigen-imprinted film on SPR sensor surface by combining the microcontact imprinting method and the surface initiated photopolymerization

Kidakova, Anna; Söritski, 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

Protein-imprinted polymer films as a biorecognition layer for surface acoustic wave sensing platform

Tretjakov, Aleksei; Söritski, Vitali; Reut, Jekaterina; Boroznjak, Roman; Öpik, Andres BITE 2015 : 4th International Conference on Bio-Sensing Technology : Lisbon, Portugal, 10-13 May 2015 2015 / [1] p

Protein-responsive polymer film prepared via combined use of controlled/living radical photopolymerization and microcontact imprinting [Online resource]

Kidakova, Anna; Söritski, Vitali; Reut, Jekaterina; Öpik, Andres Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

PVD of highly photosensitive n-CuIn₅Se₈ films for hybrid PV structures

Adhikari, Nirmal; Bereznev, Sergei; Volobujeva, Olga; Raadik, Taavi; Traksmäa, Rainer; Öpik, Andres Progress in Applied Surface, Interface and Thin Film Science 2012 : Florence, Italy, June 14-19, 2012 : program and book of abstracts 2012 / p. 83

PVD of N-CuIn₃Se₅ photoabsorber films

Adhikari, Nirmal; Bereznev, Sergei; Kois, Julia; Volobujeva, Olga; Raadik, Taavi; Traksmäa, Rainer; Tverjanovich, Andrey; Öpik, Andres Materials and applications for sensors and transducers 2012 / p. 339-342
https://www.researchgate.net/publication/272070024_PVD_OF_n-CuIn3Se5_photoabsorber_films

PVD of n-CuIn₅Se₈ photoabsorber films for hybrid solar cells

Adhikari, Nirmal; Bereznev, Sergei; Kois, Julia; Volobujeva, Olga; Raadik, Taavi; Traksmäa, Rainer; Dahal, R.K.; Tverjanovich, Andrey; Öpik, Andres Baltic Polymer Symposium 2012 : Liepāja, Latvia, September 19-22 : programme and proceedings 2012 / p. 29

Päikeseelemendid H₂S atmosfääris kuumutamise ja modifitseeritud elektrokeemiliselt sadestatud CuInSe₂ kilede baasil

Kois, Julia; Bereznev, Sergei; Mellikov, Enn; Öpik, Andres XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 59

Päikeseelementide uued materjalid ja konstruktsioonid : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile

Mellikov, Enn; Altosaar, Mare; Bereznev, Sergei; Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 262-267 : ill

Päikeseeenergeetika materjalid

Mellikov, Enn; Altosaar, Mare; Bereznev, Sergei; Kauk, Marit; Krunks, Malle; Krustok, Jüri; Mere, Arvo; Raudoja, Jaan; Varema, Tiit; Öpik, Andres Teaduse uued suunad : materjaliteadus : Eesti Teaduste Akadeemia seminari materjalid : 23.10.2003 2004 / lk. 11-21 : ill

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]

Arro, Ilmar; Kaljurand, Mihkel; Kallavus, Urve; Kübarsepp, Jakob; Lille, Ülo; Lopp, Margus; Mellikov, Enn; Min, Mart; Rang, Toomas; Rüstern, Ennu; Taklaja, Andres; Tamm, Toomas; Tammet, Tanel; Tepandi, Jaak; Ubar, Raimund-Johannes; Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 430-431

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]

Arro, Ilmar; Kaljurand, Mihkel; Kallavus, Urve; Kübarsepp, Jakob; Lille, Ülo; Lopp, Margus; Mellikov, Enn; Min, Mart; Räng, Toomas; Rüstern, Ennu; Taklaja, Andres; Tamm, Toomas; Tammet, Tanel; Tepandi, Jaak; Ubar, Raimund-Johannes; Öpik, Andres *Mente et Manu* 2005 / 18. mai. lk. 1 https://www.ester.ee/record=b1242496*est

Rahvusvahelised õppekavad - milleks ja kellele?

Öpik, Andres *Mente et Manu* 2013 / lk. 14-15 : fot https://www.ester.ee/record=b1242496*est

Rearrangement of 1,4-dihydroxy-2-cyclopentenes

Allikmaa, Veiko; Paju, Anne; Pehk, Tõnis; Öpik, Andres; Lopp, Margus *International Conference on Organic Synthesis* : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 31

Selective artificial receptors based on micropatterned surface-imprinted polymers for label-free detection of proteins by SPR imaging

Lautner, G.; Kaev, Jevgeni; Reut, Jekaterina; Öpik, Andres; Rappich, Jörg; Söritski, Vitali; Gyurcsanyi, Robert E. *Advanced functional materials* 2011 / p. 591-597 : ill

https://www.researchgate.net/publication/229918247_Selective_Artificial_Receptors_Based_on_Micropatterned_Surface-Imprinted_Polymers_for_Label-Free_Detection_of_Proteins_by_SPR_Imaging

Selective photoelectrochemical deposition of polypyrrole onto hydrogenated a-Si for optoelectronic applications

Dosenovicova, Denisa; Maricheva, Jelena; Neumüller, Alex; Sergeev, Oleg; Volobujeva, Olga; Nasibulin, Albert; Kois, Julia; Öpik, Andres; Bereznev, Sergei *Materials science in semiconductor processing* 2017 / p. 1-5 : ill

<https://doi.org/10.1016/j.mssp.2017.05.028>

A self-rechargeable and flexible polymer solar battery

Dennler, G.; Bereznev, Sergei; Meissner, Dieter; Mellikov, Enn; Öpik, Andres *Solar energy* 2007 / 8, p. 947-957

<https://www.sciencedirect.com/science/article/pii/S0038092X07000424>

Sensing small- and macromolecular targets using molecularly imprinted polymers interfaced with saw technology

Söritski, Vitali; Tretjakov, Aleksei; Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres *MIP2016 : the 9th International Conference on Molecular Imprinting* : June 26-30, 2016, Elite Hotel Ideon, Lund, Sweden 2016 / p. [74]

Sensormaterjalid molekulaarselt jäljendatud polümeeridest meditsiiniliseks diagnostikaks ja keskkonnaseireks

Öpik, Andres; Söritski, Vitali; Reut, Jekaterina *Teadusmõte Eestis (X). Tehnikateadused*. 3 : [artiklikogumik] 2019 / lk. 227-237 : ill., fot https://www.ester.ee/record=b5208765*est

Shallow defect density determination in CuIn3Se5 thin film photoabsorber by impedance spectroscopy

Laes, Kristjan; Bereznev, Sergei; Tverjanovich, Andrey; Borisov, Evgeny N.; Varema, Tiit; Volobujeva, Olga; Öpik, Andres *Thin solid films* 2009 / p. 2286-2290 : ill

Sissejuhatus

Öpik, Andres *Keemia- ja materjalitehnoloogia teaduskond : teadus- ja arendustegevus* 2010 2011 / lk. 5-6

Solar cells based on polycrystalline copper-indium chalcogenides and conductive polymers

Bereznev, Sergei 2003 http://www.ester.ee/record=b1558007*est

Soluble conducting polypyrrole doped with mixed dodecylbenzen sulfonate and beta-naphtalene sulfonate

Reut, Jekaterina; Öpik, Andres *Proceedings of Baltic Polymer Symposium* 2001 : Oct. 11-12 in Tallinn 2001 / p. 243-248 : ill

Strain relaxation mechanism in the Si-SiO2 system and its influence on the interface properties

Kropman, Daniel; Mellikov, Enn; Öpik, Andres; Lott, Kalju; Volobujeva, Olga; Kämer, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. *Radiation Interaction with Materials and its use in Technologies* : Kaunas, 24-27.09.2008 2008 / p. 204-207

Strain relaxation mechanism in the Si-SiO2 system and its influence on the interface properties

Kropman, Daniel; Mellikov, Enn; Öpik, Andres; Lott, Kalju; Volobujeva, Olga; Kämer, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. *Physica B : condensed matter* 2009 / 23/24, p. 5153-5155 : ill

Struktuurimuutused vaatavad tulevikku : [keemia- ja matemaatika-füüsikateaduskonna ümberstruktureerimisest keemia- ja materjalitehnoloogia ning matemaatika-loodusteaduskonnaks]

Öpik, Andres *Mente et Manu* 2002 / 18. juuni, lk. 3 : fot https://www.ester.ee/record=b1242496*est

Study of activating treatment for glass/ITO/CdS/CdTe structures prepared by high vacuum evaporation

Jarkov, Aleksandr; Bereznev, Sergei; Laes, Kristjan; Volobujeva, Olga; Öpik, Andres *EMRS-2010 Spring Meeting* : Strasbourg, France, June 7-11 : program and book of abstracts. Symposium M 2010 / p. 8-9

Study of synthesis and redox switching of polypyrrole and poly(3,4-ethylenedioxythiophene) by using in-situ techniques

Söritski, Vitali 2004 https://www.ester.ee/record=b1994290*est

A study of the electrochemical synthesis of polypyrrole from aqueous solution on stainless steel electrode

Reut, Jekaterina; Idla, Katrin; Öpik, Andres Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 3/4, p. 152-159

Sulfamethizole-imprinted polymer on screen-printed electrodes: Towards the design of a portable environmental sensor

Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres; Sõritski, Vitali Sensors and actuators B. Chemical 2020 / art. 128600, 9 p. : ill <https://doi.org/10.1016/j.snb.2020.128600> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surface imprinted conducting polymer microrods for selective protein recognition

Sõritski, Vitali; Menaker, Anna; Reut, Jekaterina; Gyurcsanyi, Robert E.; **Öpik, Andres** ICSM-2008 : International Conference of Science and Technology of Synthetic Metals : Porto de Galinhas, Brazil, July 6-11, 2008 : book of abstracts 2008 / p. 43

Surface imprinted microrods of nucleotide-conducting polymer composites for protein recognition

Sõritski, Vitali; Menaker, Anna; Horvath, Viola; Gyurcsanyi, Robert E.; **Reut, Jekaterina; Öpik, Andres** The 5th International Workshop on Molecular Imprinting (MIP 2008) : September 7-11, Kobe, Japan 2008 / p. PM 10

Surface molecularly imprinted polydopamine films for recognition of immunoglobulin G

Tretjakov, Aleksei; Sõritski, Vitali; Reut, Jekaterina; Boroznjak, Roman; Volobujeva, Olga; Öpik, Andres Microchimica acta 2013 / p. 1433-1442 : ill

Surface-imprinted poly-3,4-ethylenedioxythiophene : a new material for preparation of selective artificial receptors

Sõritski, Vitali; Lautner, G.; **Kaev, Jevgeni; Reut, Jekaterina; Menaker, Anna; Öpik, Andres;** Gyurcsanyi, Robert E.; Rappich, Jörg 43rd IUPAC World Chemistry Congress : San Juan, Puerto Rico, July 31st-August 5th : program and abstracts 2011 / p. 362

Synthesis and characterization of conducting polymer/magnetite nanorods

Sõritski, Vitali; Menaker, Anna; Gyurcsanyi, Robert E.; Jagerszki, G.; **Reut, Jekaterina; Öpik, Andres** 58th Annual Meeting of the International Society of Electrochemistry (ISE) : Banff (Canada), September 9 to 14, 2007 2007 / ? p

Synthesis and characterization of inherently conducting polymers by using scanning electrochemical microscopy and electrochemical quartz crystal microbalance

Sõritski, Vitali; Gyurcsanyi, Robert E.; **Öpik, Andres;** Toth, K. The International Conference on the Science and Technology of Synthetic Metals (ICSM) 2004 : University of Wollongong, Australia, 28 June to 2 July : book of abstracts 2004 / p. 212

Synthesis and characterization of inherently conducting polymers by using scanning electrochemical microscopy and electrochemical quartz crystal microbalance

Sõritski, Vitali; Gyurcsanyi, Robert E.; **Öpik, Andres;** Toth, K. Synthetic metals 2005 / 1/3, p. 133-136
<https://www.sciencedirect.com/science/article/pii/S0379677905002353>

Synthesis and redox behavior of PEDOT/PSS and PPY/DBS structures

Sõritski, Vitali; Idla, Katrin; Öpik, Andres Synthetic metals 2004 / p. 235-239 : ill

Synthesis of CuInSe₂ nanopowder in polyethylene glycol

Tverjanovich, Andrey; **Bereznev, Sergei;** Gertsin, Andrejs; Muradova, Galina; Shoka, Andrejs; Kim, Dongsoo; **Kois, Julia; Öpik, Andres;** Tverjanovich, Yuri S. Scientific journal of Riga Technical University. Series 1, Material science and applied chemistry 2010 / p. 79-83 : ill <https://ortus.rtu.lv/science/en/publications/8070>

Synthesis of CuInSe₂ nanopowder in polyethylene glycol

Tverjanovich, Andrey; **Bereznev, Sergei;** Gertsin, A.; Muradova, Galina; Shoka, A.; Kim, Dongsoo; **Kois, Julia; Öpik, Andres;** Tverjanovich, Yuri S. Baltic Polymer Symposium 2009 : Ventspils, Latvia, September 22-25, 2009 : programme and proceedings 2009 / p. 102

TalTech on kaasaegselt juhitud ülikool

Heinsoo, Anneli; Jaaksoo, Ülo; Kaldoja, Väino; Kamratov, Ardo; **Kattel, Rainer;** Kitt, Robert; **Öpik, Andres** Postimees 2020 / lk. 15
https://www.ester.ee/record=b1072778*est <https://leht.postimees.ee/6975397/vastulause-taltech-on-kaasaegselt-juhitud-ulikool>

Teaching sustainable energetics

Meissner, Dieter; Burk, Peeter; Koppel, Ilmar; Lust, Enn; **Mellikov, Enn; Öpik, Andres** International Conference On Renewable Energy (INCORE 2016) : book of programme and abstract 2016 / p. 13

Teaduspreemia tehnikateaduste alal teadustöö "Päikeseelementide uued materjalid ja konstruktsioonid" eest : Enn Mellikov (kollektiivi juht), Mare Altosaar, Sergei Bereznev, Andres Öpik

Mellikov, Enn; Altosaar, Mare; Bereznev, Sergei; Öpik, Andres Eesti Vabariigi teaduspreemiad 2006 2006 / lk. 58-68 : fot., ill

Tehnikateadused. Materjaliteadus

Õpik, Andres Eesti entsüklopeedia. 11, Eesti üld 2002 / lk. 498

Tehnikaülikoolis käivitus doktorikool "Uued tootmistehnoloogiad ja -protsessid" : [projekt kestab 1. okt. 2005 - 30. juuni 2008]

Õpik, Andres Mente et Manu 2005 / 16. nov., lk. 4 https://www.ester.ee/record=b1242496*est

Tehnikaülikoolist linnavolikogusse

Õpik, Andres; Stõun, Ija; Popov, Aleksandr; Ummelas, Mart Mente et Manu 2013 / lk. 14-15 : fot

Temperature dependence of conductivity for polyparaphenylene

Õpik, Andres; Nirk, Tiit; Kerm, Karin; Golovtsov, Igor Kemia-kemi = [Finnish chemistry] 1991 / p. 985
https://www.ester.ee/record=b1201067*est

Temperature-dependent conductivity of polyparaphenylene/polypyrrole multilayer structures

Golovtsov, Igor; Õpik, Andres Synthetic metals 2001 / 1/3, p. 1363-1364

Temperature-dependent conductivity of polyparaphenylene/polypyrrole multilayer structures

Golovtsov, Igor; Õpik, Andres International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 58-MonH102

The conductivity mechanism of polyparapenylene, doped with halogens and alkali metals

Õpik, Andres; Golovtsov, Igor; Lobanov, A.; Kerm, Karin Proceedings of the International Conference on Synthetic Metals, Göteborg, 1992 1992 / p. 311

The conductivity mechanism of polyparaphenylene, doped with halogens and alkali metals

Õpik, Andres; Golovtsov, Igor; Lobanov, A.; Kerm, Karin Synthetic metals 1993 / 55-57, p. 4924-4939

The Faculty of Chemical and Materials Technology 2012-2013

2014 https://www.ester.ee/record=b3078114*est

The Faculty of Chemical and Materials Technology 2014-2015

2016 http://www.ester.ee/record=b3078114*est

The impedance spectroscopy of CuIn₃Se₅ photoabsorber films prepared by high vacuum evaporation technique

Laes, Kristjan; Bereznev, Sergei; Land, Raul; Tverjanovich, Andrey; Volobujeva, Olga; Traksmaa, Rainer; Raadik, Taavi; Õpik, Andres Energy procedia 2010 / 1, p. 119-131 : ill

The impedance spectroscopy of hybrid CdTe / PEDOT-PSS interface

Bereznev, Sergei; Laes, Kristjan; Jarkov, Aleksandr; Volobujeva, Olga; Õpik, Andres Hybrid and Organic Photovoltaics 2010 Conference : Assisi, Italy, May 23-27, 2010 : book of abstracts 2010 / p. 118

The impedance spectroscopy of well-oriented CuIn₃Se₅ films prepared by high vacuum evaporation technique

Laes, Kristjan; Bereznev, Sergei; Tverjanovich, Andrey; Õpik, Andres EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009, Symposium B 2009 / p. 46

The kinetics of high temperature doping of the polyparaphenylene

Golovtsov, Igor; Õpik, Andres Tallinna Tehnikaülikooli Toimetised 1994 / lk. 35-48: ill

The synthesis and investigation of physicochemical properties of polyaniline

Bereznev, Sergei; Õpik, Andres Tallinna Tehnikaülikooli Toimetised 1994 / lk. 20-27: ill

The system for modification of the semiconductive materials defect structure

Lobanov, A.; Nirk, Tiit; Õpik, Andres Tallinna Tehnikaülikooli Toimetised 1994 / lk. 55-63: ill

Thermodynamic modeling for investigation of the polyparaphenylene

Golovtsov, Igor; Õpik, Andres Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 67-73 : ill

Thermodynamic modelling of electronic materials

Mellikov, Enn; Õpik, Andres Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 1, p. 13-22: ill

Thin composite films consisting of polypyrrole and polyparaphenylene

Golovtsov, Igor; Bereznev, Sergei; Traksmaa, Rainer; Õpik, Andres Thin solid films 2006 / 19, p. 7712-7715 : ill

Toimetis küsitles dekaane : [Heino Mölder, Leo Mõtus, Andres Õpik, Rein-Karl Loide, Ene Kolbre, Peeter Laido, Jakob

Kübarsepp, Enno Reinsalu]

Mölder, Heino; Mõtus, Leo; Öpik, Andres; Loide, Rein-Karl; Kolbre, Ene; Laido, Peeter; Kübarsepp, Jakob; Reinsalu, Enno
Tehnikaülikool 1996 / 24. jaan., lk. 2-3: ill

Toxicological profiling of silver and copper oxide nanoparticles on *Saccharomyces cerevisiae* BY4741 wild-type and its single-gene deletion mutants = Hõbeda ja vaskoksiidi nanoosakeste toksilisuse iseloomustamine pärmis *Saccharomyces cerevisiae* BY4741 metsiktüvele ning geenikatkestus-mutantidele

Käosaar, Sandra 2018 <https://digi.lib.ttu.ee/i/?10627>

TTÜ - Mente et manu : [Ülo Tärno küsimustele vastab rektorikandidaat Andres Öpik]

Öpik, Andres Tehnikaülikool 2000 / 31. jaan., lk. 6-7 : portr https://www.ester.ee/record=b5309277*est

TTÜ arengukonverents 8. juuni 2011 : ettekannete põhiteesid

Truve, Erkki; Tammemäe, Kalle; Varrak, Tea; Öpik, Andres; Jervan, Gert; Lopp, Margus; Elken, Jüri; Kattel, Rainer; Keerberg, Anne Mente et Manu 2011 / lk. 5 https://www.ester.ee/record=b1242496*est

TTÜ poeb põhjanaabrite hõlma alla : [Tallinna Tehnikaülikool plaanib koos Helsingi Tehnikaülikooliga moodustada kaksikülikooli : J.Kübarsepa, A.Öpiku ja A.Keevalliku kommentaaridega]

Kübar, Eva; Kübarsepp, Jakob; Öpik, Andres; Keevallik, Andres Üliõpilasleht 2004 / 7. juuni, lk. 1 : fot
https://artiklid.elnet.ee/record=b1371858*est

TTÜ teadlaste loodud koroonakiirtest võib tulemuse anda pea 15 minutiga

Ojajäms, Indrek novaator.err.ee 2020 / fot [TTÜ teadlaste loodud koroonakiirtest võib tulemuse anda pea 15 minutiga](https://www.ester.ee/record=b1242496*est)

TTÜ tulevane rektor toetab tasulist õpet : rektorikandidaadid haridusministriga ühel meelel : [rektorikandidaatide Leo Mõtuse, Andres Keevalliku ja Andres Öpiku seisukohad]

Ammas, Anneli; Mõtus, Leo; Keevallik, Andres; Öpik, Andres Eesti Päevaleht 2000 / 28. jaan., lk. 5 : fot
https://artiklid.elnet.ee/record=b1636465*est

Tunne kolleegi: Andres Öpik : [intervjuu Andres Öpikuga]

Öpik, Andres Avaja 2004 / lk. 6-7 : portr

Tõsine teadus ületab alati rahvuspiirid : [sõnavõtt A.G.Parts'i mälestusseminaril 2. apr. 2004 TTÜs]

Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 289-290

Tööjõuturule läbilöögivõimeline insener!

Öpik, Andres Mente et Manu 2000 / 24. okt., lk. 2 https://www.ester.ee/record=b1242496*est

Uudse päikesepaneeli leiutajad soovivad rajada miljarditehase : [teemat tutvustab Andres Öpik]

Öpik, Andres; Pinn, Mariliis Äripäev 2007 / 3. mai, lk. 11 <https://www.aripeev.ee/uudised/2007/05/02/uudse-paikesepaneeli-leiutajad-soovivad-rajada-miljarditehase>

Valik võrdsete seast toob TTÜ-le rektori : [TTÜ rektorikandidaadid Olev Liik, Andres Öpik ja Peep Sürje vastavad EPL küsimustele]

Laev, Sigrid; Liik, Olev; Öpik, Andres; Sürje, Peep Eesti Päevaleht 2005 / 29. apr., lk. 8 : fot

Võidujooks TTÜ rektori kohale kogub tuure : [rektorikandidaatide A.Öpiku ja P.Sürje kommentaaridega]

Koch, Tuuli; Öpik, Andres; Sürje, Peep Eesti Päevaleht 2005 / lk. 7

Võidusammas polegi klaasist : [Andres Öpiku kommentaariga]

Öpik, Andres Eesti Elu : [Kanada ajaleht] 2010 / 2. juuli, lk. 2

Õppekavade ökonoomika : [emeritprofessori Rein Jürgensoni juhitud ekspertide töörühma koostatud raporti põhjal]

Öpik, Andres Mente et Manu 2013 / lk. 4-5 : fot https://www.ester.ee/record=b1242496*est

Ülikoolile väga oluline päev : [rektori] valimiskogu istungilt : [väljavõtetega rektorikandidaatide kõnedest]

Reinde, Urmi; Keevallik, Andres; Öpik, Andres; Mõtus, Leo Tehnikaülikool 2000 / 14. veebr., lk. 1-3 : fot., portr
https://www.ester.ee/record=b5309277*est

Высокотемпературное равновесие собственных и примесных (Cu, In) дефектов в монокристаллах

Öpik, Andres; Nirk, Tiit; Varvas, Jüri Получение и свойства полупроводниковых соединений типа A II B VI и A IV B VI и твердых растворов на их основе : Тезисы докладов первой всесоюзной научно-технической конференции, МИСиС 1-4 февр. 1977 / с. 129

Дефектная структура и растворимость примесей в легированном селениде кадмия

Nirk, Tiit; Öpik, Andres; Varvas, Jüri; Kuldma, Toivo VI Всесоюзная конференция по химии, физике и техническому применению халькогенидов (Пасанаури, 14-17 окт. 1983 г.): тезисы докладов 1983 / с. 130

Дефектная структура монокристаллов селенида кадмия, легированных медью и индием

Öpik, Andres; Varvas, Jüri; Tünn, Leo; Martinaitis, A. Четвертая Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 16-18 окт. 1979 г. : Тезисы докладов 1979 / с. 176

Дефектная структура некоторых халогенидов кадмия и цинка

Varvas, Jüri; Nirk, Tiit; Öpik, Andres; Lott, Kalju; Nöges, Märt; Tünn, Leo Третье Всесоюзное совещание по химии твердого тела : тезисы докладов 1981 / с. 10

Зависимость растворимости меди в селениде кадмия от давления паров селена

Öpik, Andres; Aarna, Heiti; Varvas, Jüri Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов : тезисы докладов 1975 / с. [186]

Зависимость растворимости меди в селениде кадмия от давления паров селена

Öpik, Andres; Aarna, Heiti; Varvas, Jüri Свойства легированных полупроводников 1977 / с. 190-192 : ил
https://www.ester.ee/record=b2708631*est

Использование термодинамических методов исследования дефектной структуры полупроводников A2B6

Varvas, Jüri; Nirk, Tiit; Rändur, Õie; Öpik, Andres; Aarna, Heiti; Nöges, Märt; Tünn, Leo Второе всесоюзное совещание по химии твердого тела, 11-13 мая 1978 г. : Ч. 1 : тезисы докладов 1978 / с. [56] https://www.ester.ee/record=b4433699*est

Исследование высокотемпературного эффекта холла в монокристаллах CdSe в парах селена

Martinaitis, A.; Öpik, Andres II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 : тезисы докладов. Часть 2 1977 / с. 107 https://www.ester.ee/record=b1308855*est

Исследование высокотемпературной проводимости монокристаллов CdSe, легированных индием

Öpik, Andres; Varvas, Jüri Физика, химия и технические применения полупроводников A2B6 : тезисы докладов IV всесоюзного совещания (Одесса, 16-19 ноября 1976 г.) 1976 / с. 199 https://www.ester.ee/record=b2969209*est

Исследование высокотемпературной проводимости монокристаллов CdSe, легированных медью

Öpik, Andres; Nirk, Tiit I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с. 194 https://www.ester.ee/record=b1309964*est

Исследование высокотемпературного эффекта холла в легированных медью и индием монокристаллах CdSe в парах селена

Martinaitis, A.; Öpik, Andres II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 : тезисы докладов. Часть 2 1977 / с. 106 https://www.ester.ee/record=b1308855*est

Исследование дефектной структуры монокристаллов Cd Se, легированных индием

Öpik, Andres III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 7
https://www.ester.ee/record=b1280470*est

Исследование дефектной структуры монокристаллов селенида кадмия

Öpik, Andres; Varvas, Jüri Полупроводниковые материалы. 3 1976 / с. 31-41 : илл https://www.ester.ee/record=b1403374*est
<https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b>

Исследование дефектной структуры пленок CdSe легированных серебром

Öpik, Andres; Nirk, Tiit Синтез и исследование халькогенидных пленок : Тезисы докладов уральской конференции (14-16 окт.) 1986 / с. [?]

Исследование дефектной структуры селенида кадмия, легированного медью и индием : автореферат ... кандидата химических наук (02.00.04)

Öpik, Andres 1979 https://www.ester.ee/record=b1268390*est

Исследование дефектной структуры селенида кадмия, легированного медью и индием : дис. ... кандидата химических наук (02.00.04)

Öpik, Andres 1979 https://www.ester.ee/record=b3785446*est

Исследование дефектов, возникающих в сульфиде кадмия при легировании медью, серебром и золотом

Aarna, Heiti; Öpik, Andres; Kreek, M; Kukkk, Peeter-Enn Свойства легированных полупроводников 1977 / с. 100-104 : ил
https://www.ester.ee/record=b2708631*est

Исследование дефектов, возникающих в сульфиде кадмия при легировании медью, серебром и золотом

Aarna, Heiti; Öpik, Andres; Kreek, M.; Kukkk, Peeter-Enn Всесоюзная конференция по физико-химическим основам

легирования полупроводниковых материалов : тезисы докладов 1975 / с. [110]

Исследование концентрации носителей легированного галогенами полипарафенилена

Õpik, Andres Электронные материалы 1989 / с. 30-40

Исследование легирования селенида кадмия медью (или серебром) и хлором с целью оптимизации фотоэлектрических параметров спеченных таблеточных образцов

Varvas, Jüri; Nirk, Tiit; Türn, Leo; Õpik, Andres Третья Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 20-22 окт. 1975 г. : Тезисы докладов 1975 / с. 109

Исследование свойств полипарафенилена

Raukas, Maie; Õpik, Andres; Ahven, Tarmo Физическая химия соединений A/III/B/IV/ 1987 / с. 13-22

Исследование синтеза параполифенилена

Ahven, Tarmo; Anvelt, J.; Raukas, Maie; Õpik, Andres XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 159 https://www.ester.ee/record=b1305565*est

Исследование электропроводности поли-п-фенилена, легированного иодом и бромом

Õpik, Andres; Ahven, Tarmo Высокомолекулярные соединения. Серия Б. Краткие сообщения : журнал теоретической и экспериментальной химии и физики высокомолекулярных соединений 1988 / с. 760-762 : ил https://www.ester.ee/record=b2030114*est

Определение природы зарядового состояния и концентрации дефектов в монокристаллах CdS и CdSe с примесью меди или серебра по данным высокотемпературной проводимости

Aarna, Heiti; Õpik, Andres; Varvas, Jüri; Kuk, Peeter-Enn V Всесоюзное совещание по физико-химическому анализу, 13-15 сент. 1976 г., Москва : тезисы докл. 1976 / с. [131]

Полупроводниковые материалы

Palmre, Õie; Hiie, Jaan; Mellikov, Enn; Varema, Tiit; Iljina, Natalja; Altosaar, Mare; Valdna, Vello; Krunks, Malle; Karpenko, I.V.; Türn, Leo; Kerm, Karin; Tilling, Aino; Antsov, U.; Nõges, M.; Varvas, Jüri; Nirk, Tiit; Kallavus, Urve; Õpik, Andres; Lott, Kalju; Višņakov, A.V.; Raukas, Maie; Paat, Aadu; Uder, Ülo-Olimar; Gavrilov, Aleksei; Danilov, J.V.; Katšurin, G.A.; Mere, Arvo 1981 https://www.ester.ee/record=b1533413*est

Полупроводниковые материалы

Varvas, Jüri; Nirk, Tiit; Õpik, Andres; Krustok, Jüri; Mädasson, Jaan; Lott, Kalju; Višņakov, A.V.; Raukas, Maie; Türn, Leo; Iljina, Natalja; Varema, Tiit; Krunks, Malle; Mellikov, Enn; Sork, Eeve; Vidrevitš, Marina; Palmre, Õie; Hiie, Jaan; Tuvike, Tiit; Klepikova, N.V. 1984 https://www.ester.ee/record=b1314940*est

Полупроводниковые материалы

Varvas, Jüri; Nirk, Tiit; Oja, Alar; Kerm, Karin; Raukas, Maie; Õpik, Andres; Ahven, Tarmo; Valdna, Vello; Mädasson, Jaan; Türn, Leo; Reiter, Eerik; Meiler, Boriss; Gavrilov, Aleksei; Veimer, Vladimir; Kurik, Lembit; Silas, Aarne 1987 https://www.ester.ee/record=b1272914*est

Полупроводниковые материалы

Raukas, Maie; Nirk, Tiit; Varvas, Jüri; Nei, Toomas; Kerm, Karin; Lippmaa, J.; Õpik, Andres; Ahven, Tarmo; Altosaar, Mare; Varema, Tiit; Valdna, Vello; Mellikov, Enn; Lott, Kalju; Türn, Leo 1989 https://www.ester.ee/record=b1213709*est

Получение n-типа проводящего полипарафенилена

Õpik, Andres; Ahven, Tarmo Электронные материалы 1989 / с. 41-50

Практические работы по коллоидной химии

1988 https://www.ester.ee/record=b1256429*est

Равновесная дефектная структура селенида кадмия легированного серебром

Nirk, Tiit; Õpik, Andres Пятая Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 20-22 дек. 1982 г.) : тезисы докладов 1982 / с. [?] https://www.ester.ee/record=b4436388*est

Равновесная структура дефектов в CdSe : Al

Nirk, Tiit; Õpik, Andres Физическая химия соединений AIIIBVI 1984 / с. 3-9

Растворимость меди в CdSe

Õpik, Andres; Varvas, Jüri Известия Академии наук СССР. Неорганические материалы 1982 / с. 904-908 : илл https://www.ester.ee/record=b1611497*est

Растворимость серебра в селениде кадмия

Kurvits, H. XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 2, Химия и технология, механика, строительство 1982 / с. 33
https://www.ester.ee/record=b5165223*est

Растворимость серебра в селениде кадмия

Õpik, Andres IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 102
https://www.ester.ee/record=b1309986*est

Структура дефектов в CdSe : Ag

Nirk, Tiit; Õpik, Andres Физическая химия соединений AIIIBVI 1981 / с. 77-85

Фазовое равновесие и дефектная структура селенида кадмия, легированного серебром

Nirk, Tiit; Õpik, Andres Физика и техническое применение полупроводников AII BVI : тезисы докладов V свесоюзного совещания (1-2 декабря 1983 г.). Том 1 1983 / с. 87-88 https://www.ester.ee/record=b2796652*est

Фазовые равновесия и растворимость серебра в селениде кадмия

Õpik, Andres; Raukas, Maie; Kerm, Karin Легированные полупроводниковые материалы : [сборник статей] 1985 / с. 70-72
https://www.ester.ee/record=b1914692*est

Фазовые равновесия и растворимость серебра в селениде кадмия

Õpik, Andres; Raukas, Maie; Kerm, Karin Пятая Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 20-22 дек. 1982 г. : тезисы докладов 1982 / с. [?]
https://www.ester.ee/record=b4436388*est

Электроосаждение полипиррола в качестве тыльного контакта для солнечного элемента CdS/CdTe

Bereznev, Sergei; Kois, Julia; Jarkov, Aleksandr; Õpik, Andres; Mellikov, Enn Шестая Всероссийская Каргинская конференция "Полимеры - 2014". Том I, Программа конференции и сборник тезисов пленарных, приглашённых, и устных докладов 2014 / с. 165

Электропроводность полипарафенилена, легированного йодом

Õpik, Andres; Ahven, Tarmo Физическая химия соединений A/III/B/VI/ 1987 / с. 23-31

Электрофизические свойства полипарафенилена легированной йодом

Ahven, Tarmo; Raukas, Maie; Õpik, Andres Механика / XXXI студенческая научно-техническая конференция, 21-23 апр. 1987 г. 1987 / с. 95