

Accurate measurements of electrical conductivity of metals in the range from 2 MS/m to 14 MS/m

Parker, Martin; Pokatilov, Andrei; Raba, Karl; Kübarsepp, Toomas Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2012 / p. 700-704 : ill

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 https://link.springer.com/chapter/10.1007/978-90-481-9151-2_46

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 <https://doi.org/10.1002/pssc.201510244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Antistruktuurkorrastamatus ja p-tüüpi elektrijuhtivus tsinksulfidid

Lott, Kalju; Tünn, Leo; Volobujeva, Olga; Leskelä, M. XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete refereaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 75-76

Application of thermal analysis in the preparation and characterization of super conducting YBa₂(Cu_{1-x}Crx)₄O₈ oxides

Nenartaviciene, G.; Tõnsuaadu, Kaia; Jasaitis, D.; Beganskiene, Aldona; Kareiva, Aivaras ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 255

1-butyl-3-methylimidazolium chloride assisted electrospinning of SAN/MWCNTs conductive reinforced composite membranes

Gudkova, Viktoria; Krumme, Andres; Märtsen, Triin; Rikko, M.; Tarasova, Elvira; Savest, Natalja; Viirsalu, Mihkel Journal of electrostatics 2015 / p. 11-16 : ill <https://doi.org/10.1016/j.elstat.2015.09.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

1-butyl-3-methylimidazolium chloride assisted electrospinning of SAN/MWCNTs conductive reinforced composite membranes [Online resource]

Vassiljeva, Viktoria; Krumme, Andres; Märtsen, Triin; Rikko, M.; Tarasova, Elvira; Savest, Natalja; Viirsalu, Mihkel Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Carbon aerogel-cellulose films and fibres with electrical conductivity and antibacterial properties against cyanobacteria

Elhi, Fred; Kisand, Veljo; Peikola, Anna-Liisa; Koel, Mihkel; Aabloo, Alvo 3rd Seminar on Aerogels : Synthesis-Properties-Applications : 22-23 September 2016, Mines ParisTech - PSL Research University, Sophia Antipolis (France) : proceedings 2016 / p. 180

CE separation of various analytes of biological origin using polyether ether ketone capillaries and contactless conductivity detection

Knjazeva, Tatjana; Kulp, Maria; Kaljurand, Mihkel Electrophoresis 2009 / p. 424-430 https://www.researchgate.net/profile/Mihkel-Kaljurand/publication/23995365_CE_separation_of_various_analytes_of_biological_origin_using_polyether_ether_ketone_capillaries_and_contactless_conductivity_detection/links/5e50f603299bf1c9b93cf3a5/CE-separation-of-various-analytes-of-biological-origin-using-polyether-ether-ketone-capillaries-and-contactless-conductivity-detection.pdf

Coin validation by electromagnetic, acoustic and visual features = Mündi valideerimine elektromagnetiliste, akustiliste ja visuaalsete tunnuste järgi

Gavrijaševa, Alina 2015 <https://digi.lib.ttu.ee/i/?2408> https://www.ester.ee/record=b4480613*est

Comparison of dehydration in kaolin and illite using DC conductivity measurements

Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štuba, Igor; Bošak, Ondrej; Kaljuvee, Tiit Applied clay science 2017 / p. 8-12 : ill <https://doi.org/10.1016/j.clay.2017.08.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of eddy current theory and Finite Element Method for metal evaluation

Gordon, Rauno; Märtsen, Olev; Kolyshkin, Andrei Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 3 2012 / p. 41-45 : ill

Comparison of electrical conductivity of cement composite materials

Birzniece, Inga Melanija; Cizevska, Anna; Goljandin, Dmitri; Lusi, Vitalijs World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium - WMCAUS 2022 : Prague, Czech Republic, 5-9 September 2022 2023 / art. 080011 <https://doi.org/10.1063/5.0170574> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Comparison of the power losses in 1700V Si IGBT and SiC MOSFET modules including reverse conduction [Electronic

resource]

Rabkowski, Jacek; Platek, Tadeusz EPE'15 ECCE Europe : 8-10 September 2015, Geneva, Switzerland : 17th European Conference on Power Electronics and Applications 2015 / [10] p. : ill. [USB] <http://dx.doi.org/10.1109/EPE.2015.7309444>

Conductivity of evaporated CdTe films

Nirk, Tiit Tallinna Tehnikaülikooli Toimetised 1994 / lk. 13-19: ill

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>

Corrigendum to "Generation and development of damages in double forged tungsten in different regimes of irradiation with extreme heat loads" [J. Nucl. Mater. 495 (2017) 91-102]

Paju, Jana; Väli, Berit; Laas, Tõnu; Shirokova, Veronika; Antonov, Maksim Journal of nuclear materials 2018 / p. 323-324 : tab

<https://doi.org/10.1016/j.jnucmat.2018.03.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CVD nanocrystalline multilayer graphene coated 3D-printed alumina lattices

Ramírez, Cristina; Shamshirgar, Ali Saffar; Perez-Coll, Domingo; Osendi, María Isabel; Miranzo, Pilar; Tewari, Girish C.;

Karppinen, Maarit; Hussainova, Irina; Belmonte, Manuel Carbon 2023 / p. 36-46 <https://doi.org/10.1016/j.carbon.2022.10.085> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DC-conductivity testing combined with photometry for measuring fibre orientations in SFRC

Eik, Marika; Löhmus, Karl; Tigasson, Martin; Listak, Madis; Puttonen, Jari; Herrmann, Heiko Journal of materials science 2013 / p. 3745-3759 : ill <https://doi.org/10.1007/s10853-013-7174-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dependence of wear of Cu-Cr-S alloy on hardness and electrical conductivity in sliding electrical contact

Kommel, Lembit; Baroninš, Janis Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 229-233 : ill

<https://doi.org/10.4028/www.scientific.net/SSP.267.229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Deposition of p-type NiO films by chemical spray pyrolysis

Krunk, Malle; Soon, Jaanika; Unt, Tarmo; Mere, Arvo; Mikli, Valdek Vacuum 2014 / p. 242-246 : ill

<https://doi.org/10.1016/j.vacuum.2014.02.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of electrical conductivity of metal plates using planar spiral coils

Kolyshkin, Andrei; Kübarsepp, Toomas; Märten, Olev; Pokatilov, Andrei Recent Advances in Systems : proceedings of the 13th International Conference of Systems 2009 / p. 545-550

Development of electromechanical actuators ("artificial muscles") based on electrically conductive polymers

Idla, Katrin; Strandberg, Marek Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 88-90 : ill

Direct eddy current method for volumetric flaws of cylindrical shape

Koliškina, Valentina; Kolyshkin, Andrei; Gordon, Rauno; Märten, Olev ECCOMAS Congress 2016 : VII European Congress on Computational Methods in Applied Sciences and Engineering : proceedings. Vol. 1 2016 / p. 7659-7665 : ill

<https://www.eccomas2016.org/proceedings/pdf/5264.pdf>

Directional conductivity in layered alumina

Hussainova, Irina; Saffarshamshirgar, Ali; Ivanov, Roman; Volobujeva, Olga; Romanov, Alexey; Gasik, Michael Current applied physics 2022 / p. 68-73 : ill <https://doi.org/10.1016/j.cap.2020.06.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Directly electrospun electrodes for electrical double-layer capacitors from carbide-derived carbon

Malmberg, Siret; Arulepp, Mati; Savest, Natalja; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Käär, Maike; Mikli, Valdek; Krumme, Andres Journal of electrostatics 2020 / art. 103396, 7 p. : ill <https://doi.org/10.1016/j.elstat.2019.103396> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eddy current electrical conductivity measurements for temperature measurements

Parker, Martin; Pokatilov, Andrei; Kübarsepp, Toomas 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 259-260 : ill

Eddy current validation of Euro-coins

Gordon, Rauno; Märtens, Olev; Land, Raul; Min, Mart; Rist, Marek; Gavrijaševa, Alina; Pokatilov, Andrei; Kolyshkin, Andrei
Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 3 2012 / p. 47-63 : ill

Eesti teadlased leiutasid imekanga : [TTÜ teadlase Marek Strandbergi osalusel tehtud leiutisest]

Kuimet, Peeter; **Strandberg, Marek** Postimees 2006 / 22. detsembr., lk. 6 <https://www.postimees.ee/1612227/eesti-teadlased-leiutasid-imekanga>

Effect of different ionic liquids on the conductivity of electrospun polyacrylonitrile membranes

Savest, Natalja; Krumme, Andres; Viirsalu, Mihkel; Küppar, Kadi-Anne Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 91

Effect of hard cyclic viscoplastic deformation on hardening/softening of SPD-copper

Kommel, Lembit TMS 2004 : 133rd Annual Meeting & Exhibition : The Minerals, Metals & Materials Society welcomes you to the technical program for the 133rd TMS Annual Meeting & Exhibition, to be held March 14-18, 2004, in Charlotte, North Carolina 2004 / p. 258
https://www.researchgate.net/publication/360806886_Effect_of_Hard_Cyclic_Viscoplastic_Deformation_on_the_Microstructure_Mechanical_Properties_and_Electrical_Conductivity_of_Cu-Cr_Alloy

Effect of hard cyclic viscoplastic deformation on the microstructure, mechanical properties, and electrical conductivity of Cu-Cr alloy

Kommel, Lembit; Huot, Jacques; Omranpour Shahreza, Babak Journal of Materials Engineering and Performance 2022 / p. 9690-9702 <https://doi.org/10.1007/s11665-022-06997-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of ionic liquids on the conductivity of electrospun polyacrylonitrile membranes

Savest, Natalja; Plamus, Tiia; Tarasova, Elvira; Viirsalu, Mihkel; Krasnou, Illia; Gudkova, Viktoria; Küppar, Kadi-Anne; Krumme, Andres Journal of electrostatics 2016 / p. 63-68 : ill <https://doi.org/10.1016/j.elstat.2016.07.006> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of ionic liquids on the mechanical properties of electrospun polyacrylonitrile membranes

Plamus, Tiia; Savest, Natalja; Viirsalu, Mihkel; Harz, Patrick; **Tarasova, Elvira; Krasnou, Illia; Vassiljeva, Viktoria; Kallavus, Urve; Krumme, Andres** Polymer testing 2018 / p. 335-343 : ill <https://doi.org/10.1016/j.polymertesting.2018.09.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of mechanical stress on excess loss of electrical steel sheets

Singh, Deepak; Rasilo, Paavo; Martin, Florian; **Belahcen, Anouar;** Arkkio, Antero IEEE transactions on magnetics 2015 / [4] p. : ill <http://dx.doi.org/10.1109/TMAG.2015.2449779>

Effective electrical conductivity of carbon nanotube–epoxy nanocomposites

Kulakov, Vladimir; Aniskevich, Andrey; Ivanov, Sergey; **Poltimäe, Triinu;** Starkova, Olesja Journal of composite materials 2017 / p. 2979-2988 : ill <https://doi.org/10.1177/0021998316678304> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electric impedance measurement of tissue phantom materials for development of medical diagnostic systems

Kõiv, Hip; Gordon, Rauno; Pesti, Ksenija International Workshop on Impedance Spectroscopy 2014 : September 24-26 2014, Chemnitz, Germany 2014 / [2] p. : ill

Electric impedance measurement of tissue phantom materials for development of medical diagnostic systems

Kõiv, Hip; Pesti, Ksenija; Gordon, Rauno Progress reports on impedance spectroscopy : measurements, modeling, and application 2017 / p. 131-137 : ill <https://doi.org/10.1515/9783110449822-013>

Electric properties of anorthite ceramics prepared from illitic clay and oil shale ash

Csaki, Štefan; Štubna, Igor; **Kaljuvee, Tiit;** Dobron, Patrik; Lukač, František; Trnik, Anton Journal of materials research and technology 2022 / p. 4164-4173 <https://doi.org/10.1016/j.jmrt.2022.11.030> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electrically conductive polymers for solar energy conversion

Õpik, Andres; Bereznev, Sergei Baltic Polymer Symposium 2006 : September 20-22, 2006 : programme and proceedings 2006 / p. 2

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

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

Electroconductive composite of zirconia and hybrid graphene/alumina nanofibers

Hussainova, Irina; Drozdova, Maria; Perez-Coll, Domingo Journal of the European Ceramic Society 2017 / p. 3713-3719 : ill <https://doi.org/10.1016/j.jeurceramsoc.2016.12.033> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Electroconductive oxide ceramics with graphene-encapsulated fillers

Hussainova, Irina; Drozdova, Maria; Ivanov, Roman; Kale, Sudhir S.; Jasiuk, Iwona Proceedings of the 42nd international conference on advanced ceramics and composites 2019 / p. 251–258 <https://doi.org/10.1002/9781119543343.ch25> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Electroconductive oxide ceramics with hybrid graphenated nanofibers = Elektri juhtiva oksiid-graafenkiudkeraamika tehnoloogia ja püsivus

Drozdova, Maria 2017 <https://digi.lib.ttu.ee/i/?9119> http://www.ester.ee/record=b4748247*est

Electrospun conductive mats from PANi-ionic liquid blends

Savest, Natalja; Plamus, Tiia; Kütt, Kertu; Kallavus, Urve; Viirsalu, Mihkel; Tarasova, Elvira; Vassiljeva, Viktoria; Krasnou, Illia; Krumme, Andres Journal of electrostatics 2018 / p. 40–44 <https://doi.org/10.1016/j.elstat.2018.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrospun conductive membranes from Pani-ionic liquid blends [Online resource]

Plamus, Tiia; Savest, Natalja; Kallavus, Urve; Krumme, 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://fmttk.ut.ee/teesid-2018/>

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

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

Estimation of additional losses due to random contacts at the edges of stator of an electrical machine

Shah, Sahas Bikram; Rasilo, Paavo; Belahcen, Anouar; Arkkio, Antero COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 1501-1510 : ill <http://dx.doi.org/10.1108/COMPEL-02-2015-0083>

Faasiüleminek tahketes lahustes CdSexTe1-x

Volobujeva, Olga; Nirk, Tiit XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 161

Fast precise eddy current measurement of metals

Märtens, Olev; Land, Raul; Min, Mart; Rist, Marek; Annus, Paul; Pokatilov, Andrei 2018 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2018) : proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/I2MTC.2018.8409781>

A few-layered graphene on alumina nanofibers for electrochemical energy conversion

Hussainova, Irina; Ivanov, Roman; Stamatina, Serban; Anoshkin, Ilya; Skou, Eivind; Nasibulin, Albert Carbon 2015 / p. 157-164 : ill <https://doi.org/10.1016/j.carbon.2015.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Finite element method and its usable applications in wear models design

Sivitski, Alina; Põdra, Priit Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 71-76 : ill

Gain-bandwidth independence from a transconductance feedback amplifier

Wilson, Brett BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 83-86: ill

Generation and development of damage in double forged tungsten in different combined regimes of irradiation with extreme heat loads

Paju, Jana; Väli, Berit; Laas, Tõnu; Shirokova, Veroonika; Antonov, Maksim Journal of nuclear materials 2017 / p. 91-102 : ill <https://doi.org/10.1016/j.jnucmat.2017.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GeTe2 phase change material for terahertz devices with reconfigurable functionalities using optical activation

Konnikova, Maria R.; Khomenko, Maxim D.; Tverjanovich, Andrey S.; Bereznev, Sergei; Mankova, Anna A.; Parashchuk, Olga D.; Vasilevsky, Ivan S.; Ozheredov, Ilya A.; Shkurinov, Alexander P.; Bychkov, Eugene A. ACS applied materials & interfaces 2023 / p. 9638-9648 <https://doi.org/10.1021/acsami.2c21678> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Graphene augmented nanofibers and their versatile applications

Hussainova, Irina; Ivanov, Roman Reviews on advanced materials and technologies 2020 / p. 9–25 <https://reviewsamt.com/issues/4>

Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics
Ivanov, Roman; Hussainova, Irina; Aghayan, Marina; Drozdova, Maria; Perez-Coll, Domingo; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando Journal of the European Ceramic Society 2015 / p. 4017-4021 : ill <https://doi.org/10.1016/j.jeurceramsoc.2015.06.011>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Grid-based computational algorithm for accurate AC conductivity measurements
Pokatilov, Andrei; Parker, Martin; Kübarsepp, Toomas; Märten, Olev; Kolyshkin, Andrei 16th International Congress of Metrology 2013 / p. 1-4 : ill

High temperature antistructure disorder in undoped ZnS
Lott, Kalju; Šinkarenko, Svetlana; Tünn, Leo; Nirk, Tiit; Öpik, 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 conductivity in the Cu solubility limit range in ZnS:Cu
Lott, Kalju; Raukas, Uusi; Vishnjakov, A.; Grebennik, A. E-MRS'98 : European Materials Research Society 1998 Spring Meeting, June 16-19, 1998, Strasbourg (France) : final book of abstracts 1998 / p. C/P13
<https://www.sciencedirect.com/science/article/abs/pii/S0022024898007921>

High temperature conductivity in the phase transition region
Lott, Kalju; Nirk, Tiit E-MRS'98 : European Materials Research Society 1998 Spring Meeting, June 16-19, 1998, Strasbourg (France) : final book of abstracts 1998 / p. C/P13 <https://www.sciencedirect.com/science/article/abs/pii/S0022024898007908>

High temperature electrical conductivity in Cu-doped ZnS
Lott, Kalju; Tünn, Leo; Volobujeva, Olga; Leskelä, M. Physica status solidi (b) 2002 / 1/2, proceedings [of] the Tenth International Conference on II-VI Compounds, September 9-14, 2001, Bremen, Germany, p. 361-364 : ill

High temperature electrical conductivity in donor-doped II-VI compounds
Lott, Kalju; Volobujeva, Olga; Öpik, Andres; Nirk, Tiit; Tünn, 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; Öpik, Andres; Nirk, Tiit; Tünn, 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 Ga and In solubility limit region in ZnS
Lott, Kalju; Raukas, Maie; Volobujeva, Olga; Vishnjakov, A.; Grebennik, A. International journal of inorganic materials 2001 / 8, p. 1345-1347 : ill

High temperature electrical conductivity in hydrothermally grown ZnO
Lott, Kalju; Nirk, Tiit; Tünn, Leo; Shinkarenko, Svetlana; Öpik, Andres Physica status solidi (c) 2014 / p. 1481-1484 : ill
<https://doi.org/10.1002/pssc.201400009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

High temperature electrical conductivity in ZnS:Al and in CdSe:Al
Lott, Kalju; Nirk, Tiit; Šinkarenko, Svetlana Solid state ionics 2004 / p. 83-87 : ill
<https://www.sciencedirect.com/science/article/pii/S0167273804005119>

High temperature electrical conductivity in ZnS:Al and in CdSe:Al
Lott, Kalju; Nirk, Tiit; Šinkarenko, Svetlana E-MRS Spring Meeting 2004 : May 24-28, 2004. Symposium K, Solid state ionics : high temperature vs. low temperature defect chemistry 2004 / p. [14]

High temperature electrical conductivity in ZnS:Cu ceramics and in CdSe-CdTe polycrystalline solid solutions
Lott, Kalju; Nirk, Tiit; Gorokhova, Elena; Ryzhikov, Engels Polyse'98 : Polycrystalline Semiconductors, September 13-18, 1998, Stadtgarten, Schwäbisch Gmünd, Germany : final program and abstracts 1998 / p. P31

High temperature electrical conductivity in ZnS:Cu:Cl ceramics and in CdSexTe1-x polycrystalline solid solutions
Lott, Kalju; Nirk, Tiit; Gorokhova, Elena; Ryzhikov, Engels Solid state phenomena 1999 / Polycrystalline Semiconductors V : Bulk Materials, Thin Films and Devices : Proceedings of the Fifth International Conference, held in Schwäbisch Gmünd, Germany, September 13-18, 1998, ISBN 3-908450-43-8, p. 329-334 : ill

High temperature electrical conductivity in ZnSe:In and in CdSe:In under selenium vapor pressure
Lott, Kalju; Šinkarenko, Svetlana; Volobujeva, Olga; Tünn, Leo; Nirk, Tiit; Öpik, Andres; Nisumaa, Reet; Kallavus, Urve; Nöges, 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_ZnSeIn_and_in_CdSeIn_under_selenium_vapor_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 the Cu solubility limit range in ZnS:Cu

Lott, Kalju; Raukas, Maie; Vishnjakov, A.; Grebennik, A. Journal of crystal growth 1999 / p. 489-492: ill

High temperature electrical conductivity in the Cu-doped ZnS

Lott, Kalju; Tünn, Leo; Volobujeva, Olga; Leskelä, M. The Tenth International Conference on II-VI Compounds (II-VI 2001) : September 9-14, 2001, Bremen, Germany : [abstracts] 2001 / p. Tu-P29

High temperature electrical conductivity in the phase transition region

Lott, Kalju; Nirk, Tiit Journal of crystal growth 1999 / p. 485-488: ill

High temperature electrical conductivity in undoped ceramic ZnO

Lott, Kalju; Nirk, Tiit; Gorokhova, Elena; **Tünn, Leo; Viljus, Mart; Öpik, Andres;** Vishnjakov, A. Crystal research and technology 2015 / p. 10-14 : ill <https://doi.org/10.1002/crat.201400138> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

High temperature electrical conductivity of Zn:Cu:Cl ceramic in phase-transition region

Lott, Kalju Journal of optical technology 1999 / 7, p. 635-639

High temperature electrical conductivity of undoped ZnS

Lott, Kalju; Tünn, Leo; Volobujeva, Olga; Leskelä, M. Physica B 2001 / p. 932-934 : ill

High temperature electrical conductivity of undoped ZnS

Lott, Kalju; Tünn, Leo; Volobujeva, Olga; Leskelä, M. The 21st International Conference on Defects in Semiconductors : ICDS : July 16-20, 2001, Gissen (Germany) 2001 / p. 310

High temperature investigation of ZnS:Ga and CdSe:Ga

Lott, Kalju; Nirk, Tiit; Volobujeva, Olga; Šinkarenko, Svetlana; Tünn, Leo; Kallavus, Urve; Grebennik, A.; Vishnjakov, A. Physica B 2006 / Proceedings of the 23rd International Conference on Defects in Semiconductors : ICDS-23 : held in Awaji Island, Japan, 24-29 July, 2005. p. 764-766 : ill <https://www.sciencedirect.com/science/article/pii/S0921452605015796>

High-accuracy eddy current measurements of metals

Märtens, Olev; Land, Raul; Rist, Marek; Pokatilov, Andrei 2014 IEEE International Workshop On Metrology For Aerospace : May 29-30, 2014, Benevento, Italy : proceedings 2014 / p. 155-160 : ill

High-temperature electrical conductivity of codoped ZnS and CdSe

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

Hybrid graphene/alumina nanofibers for electroconductive zirconia

Drozdova, Maria; Perez-Coll, Domingo; **Aghayan, Marina; Ivanov, Roman;** Rodriguez, Miguel Angel; **Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE 2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 15-20 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.15> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Impact of conducting and insulating material to electric field

Järvik, Jaan; Mölder, Heigo; Vaimann, Toomas 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 107-112 : ill

Improved C5D electronic realization of conductivity detector for capillary electrophoresis

Jaanus, Martin; Udal, Andres; Kukk, Vello; Umbleja, Kadri; Gorbatšova, Jelena; Mölder, Lauri Elektronika ir elektrotehnika = Electronics and electrical engineering 2016 / p. 29-32 : ill <https://doi.org/10.5755/j01.eie.22.3.15311> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving precision of manual hydrodynamic injection in capillary electrophoresis with contactless conductivity detection

Kuban, Petr; Seiman, Andrus; Kaljurand, Mihkel Journal of chromatography A 2011 / p. 1273-1280 : ill

In situ determination of nerve agents in various matrices by portable capillary electropherograph with contactless conductivity detection

Kuban, Petr; Seiman, Andrus; Makarõtsëva, Natalja; Vaher, Merike; Kaljurand, Mihkel Journal of chromatography A 2011 / p. 2618-2625 : ill

Influence of preparation process on morphology and conductivity of carbon black-based electrospun nanofibers

Tarasova, Elvira; Byzova, Arina; Savest, Natalja; Viirsalu, Mihkel; Gudkova, Viktoria; Märtson, Triin; Krumme, Andres

Fullerenes, nanotubes and carbon nanostructures 2015 / p. 695-700 : ill <https://doi.org/10.1080/1536383X.2014.974090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the SPD processing features on the nanostructure and properties of a pure niobium

Kommel, Lembit; Mikli, Valdek; Traksmäa, Rainer; Saarna, Mart; Pokatilov, Andrei; Pikker, Siim; Kommel, Igor Materials science

forum Nanomaterials by Severe Plastic Deformation: NanoSPD5 : Selected, peer reviewed papers from the 5th International Conference on Nanomaterials by Severe Plastic Deformation, NanoSPD5, held in Nanjing, China, on March 21-25, 2011 2011 / p. 785-790 : ill <https://doi.org/10.4028/www.scientific.net/MSF.667-669.785>

Inhomogeneity correction in calibration of electrical conductivity standards

Pokatilov, Andrei; Parker, Martin; Kolyshkin, Andrei; Märtens, Olev; Kübarsepp, Toomas Measurement 2013 / p. 1535-1540 : ill

<https://doi.org/10.1016/j.measurement.2012.12.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of influence of conductivity on the polyaniline fiber mats, produced via electrospinning

Varnaite-Žuravliova, Sandra; Savest, Natalja; Abraitiene, Aušra; Baltušnikaite-Guzaitiene, Julija; Krumme, Andres Materials

Research Express 2018 / art. 055308 <https://doi.org/10.1088/2053-1591/aac4ea> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of planar coil for eddy current conductivity measurements in wide frequency range

Parker, Martin; Pokatilov, Andrei; Kübarsepp, Toomas; Märtens, Olev; Kolyshkin, Andrei 19th Symposium IMEKO TC 4

Symposium and 17th IWADC Workshop Advances in Instrumentation and Sensors Interoperability, July 18-19, 2013, Barcelona, Spain 2013 / p. 55-59

Investigation of P-type conductivity in CdTe and ZnTe

Valdna, Vello; Hiie, Jaan; Krustok, Jüri; Mellikov, Enn International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 204

Investigation of the conductivity stability of doped polyparaphenylene

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

Ioontjuhtivusega vedelike elektromagnetiliste konduktsioonkuluandurite moderniseerimine : referaat, valik artikleid, ettekannete teese ja autoritunnistusi magistrikraadi taotlemiseks

Kõiv, Ants-Kaspar 1991 https://www.ester.ee/record=b2635135*est

Läbipaistvate ja elektrit juhtivate ZnO kilede valmistamine keemilise pihustamise meetodil

Vent, Merike; Kärber, Erki; Volobujeva, Olga; Krunks, Malle XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] :

teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 82

Mathematical and physical modelling of the dynamic electrical bioimpedance

Giannoukos, Georgios; Min, Mart International journal of circuits, systems and signal processing 2014 / p. 600-606 : ill

<https://www.naun.org/main/NAUN/circuitssystemssignal/2014/a542005-049.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Measurement of the electric conductivity of highly conductive metals with 4-electrode impedance method

Gordon, Rauno; Rist, Marek; Märtens, Olev; Min, Mart Lecture notes on impedance spectroscopy : measurement, modeling and

applications. Vol. 1 2011 / p. 35-40 <https://www.taylorfrancis.com/chapters/edit/10.1201/b11339-8/measurement-electric-conductivity-highly-conductive-metals-4-electrode-impedance-method-gordon-rist-m%C3%A4rtens-min>

A method for producing conductive graphene biopolymer nanofibrous fabrics by exploitation of an ionic liquid dispersant in electrospinning

Javed, Kashif; Krumme, Andres; Viirsalu, Mihkel; Krasnou, Illia; Plamus, Tiia; Vassiljeva, Viktoria; Tarasova, Elvira; Savest, Natalja; Mere, Arvo; Mikli, Valdek; Danilson, Mati; Kaljuvee, Tiit; Lange, Sven Carbon 2018 / p. 148-156 : ill

<https://doi.org/10.1016/j.carbon.2018.08.034> <https://novaator.err.ee/873101/ttu-teadlaste-arendatud-tselluloosikangaga-saab-vajadusel-laadida-telefoni> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Micromechanical properties and electrical conductivity of Cu and Cu-0.7wt% Cr alloy

Kommel, Lembit; Pardis, N.; Kimmari, Eduard Proceedings of the 9th International Conference of DAAAM Baltic Industrial

Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 354-359 : ill

Multidimensional analysis of inertial fusion devices relevant materials irradiated with high energy plasma beams with plasma focus device

Laas, Tõnu; Laas, Katrin; Paju, Jana; Shirokova, Veroonika; Priimets, Jaanis; Väli, Berit Pathways to Energy from Inertial Fusion:

Structural materials for Inertial Fusion Facilities : Final Report of a Coordinated Research Project 2020 / p. 46-74 : ill. ["Multidimensional analysis of inertial fusion devices relevant materials irradiated with high energy plasma beams with plasma focus device"](#)

Nonaqueous CE using contactless conductivity detection and ionic liquids as BGEs in ACN

Borissova, Maria; Gorbatšova, Jelena; Ebber, Arkadi; Kaljurand, Mihkel; Koel, Mihkel; Vaher, Merike Electrophoresis 2007 / p. 3600-3605 : ill <https://pubmed.ncbi.nlm.nih.gov/17893951/>

Non-equilibrium grain boundaries with excess energy in graphene

Romanov, A. E.; Kolesnikova, A. L.; Orlova, T. S.; Hussainova, Irina; Bougrov, V. E.; Valiev, R. Z. Carbon 2015 / p. 223-231 : ill <https://doi.org/10.1016/j.carbon.2014.09.053> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear Fourier analysis for discontinuous conductivities : computational results

Astala, Kari; Päivärinta, Lassi Juhani; Reyes, Juan Manuel; Siltanen, Samuli Journal of computational physics 2014 / p. 74-91 : ill

A novel and high-gain switched-capacitor and switched-inductor-based DC/DC boost converter with low input current ripple and mitigated voltage stresses

Pirpoor, Samaneh; Rahimpour, Saeed; Andi, Mikaeil; Kanagaraj N.; Pirouzi, Sasan; Mohammed, Adil Hussein IEEE Access 2022 / p. 32782 - 32802 <https://doi.org/10.1109/ACCESS.2022.3161576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel approach to electroconductive ceramics filled by graphene covered nanofibers

Drozdova, Maria; Hussainova, Irina V.; Pérez-Coll, Domingo; **Aghayan, Marina; Ivanov, Roman A.;** Rodríguez, M. A. Materials and Design 2016 / p. 291 - 298 <https://doi.org/10.1016/j.matdes.2015.10.148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the effects of different regimes of plasma pulses affecting the material due to their succession

Paju, Jana; Laas, Tõnu; Priimets, Jaanis; Väli, Berit; **Shirokova, Veroonika;** Laas, Katrin Nuclear materials and energy 2019 / p. 312-320 : ill <https://doi.org/10.1016/j.nme.2019.01.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

One-step carbon nanotubes grafting with styrene-co-acrylonitrile by reactive melt blending for electrospinning of conductive reinforced composite membranes

Vassiljeva, Viktoria; Kirikal, Kristi; Hietala, S.; **Kaljuvee, Tiit; Mikli, Valdek;** Rähn, Mihkel; **Tarasova, Elvira; Krasnou, Illia; Viirsalu, Mihkel; Savest, Natalja; Plamus, Tiia; Javed, Kashif; Krumme, Andres** Fullerenes, nanotubes and carbon nanostructures 2017 / p. 667-677 : ill <https://doi.org/10.1080/1536383X.2017.1394847> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of Hard Cyclic viscoplastic Deformation as a new SPD method for modifying and studying the structure and properties of Cu-alloys

Kommel, Lembit Materials Transactions 2024 / p. 109-118 <https://doi.org/10.2320/matertrans.MT-M2023136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Overview of hard cyclic viscoplastic deformation as a new SPD method for modifying the structure and properties of niobium and tantalum

Kommel, Lembit Nanotechnology and advanced material science 2024 / 15 p <https://doi.org/10.31038/NAMS.2024721>

Percometer - a capacitive probe instrument for soil dielectric constant and conductivity measurement and monitoring

Plakk, Tiit International Conference on Metrology of Environmental, Food and Nutritional Measurements : 9.-12.09.2008, Budapest, Hungary 2008 / p. 17-19

Phase transformations in titanium alloys by rapid electric conduction heating with SPD

Kommel, Lembit Book of abstracts of 10th International Symposium on Physics of Materials : ISPM10 : August 30 - September 2, 2005, Prague, Czech Republic 2005 / p. 31 https://www.researchgate.net/publication/281554583_Phase_transformation_in_titanium_alloys_by_rapid_electric_conduction_heating_with_SPD

Phase transition in solid solutions CdSexTe1-x

Volobujeva, Olga; Nirk, Tiit 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 170

Phenol and methanol detector based on pristine graphene nano-sheet: a first principles study [Online resource]

Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600982>

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

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

Jarkov, Aleksandr; Bereznev, Sergei; Volobujeva, Olga; Traksmas, Rainer; Tverjanovich, Andrey; Öpik, Andres; Mellikov,

Enn Thin solid films 2013 / p. 198-201 : ill <https://doi.org/10.1016/j.tsf.2013.01.064> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photocontrolled strain in polycrystalline ferroelectrics via domain engineering strategy

Rubio-Marcos, Fernando; Del Campo, Adolfo; Ordonez-Pimentel, Jonathan; Venet, Michel; **Rojas Hernandez, Rocio Estefania**; Paez-Margarit, David; Ochoa, Diegi A.; Fernandez, Jose Francisco; Garcia, Jose E. ACS applied materials and interfaces ACS applied materials & interfaces 2021 / p. 20858–20864 <https://doi.org/10.1021/acsami.1c03162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photoelectric and photoluminescence properties of CdTe-GaTe composite

Caraman, Iuliana; **Spalatu, Nicolae**; Evtodiev, Igor; Untila, Dumitru; Leontie, Liviu; Caraman, Mihail Physica status solidi (b) 2016 / p. 2515-2522 : ill <https://doi.org/10.1002/pssb.201600485> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Precise eddy current measurements : improving accuracy of determininig of electrical conductivity of metal plates

Märtens, Olev; Land, Raul; Gordon, Rauno; Min, Mart; Rist, Marek; Pokatilov, Andrei Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 4 2014 / p. 109-115 : ill

Preparation of BaSnO3 target material for pulsed laser deposition [Online resource]

Abdalla, Akram; Bereznev, Sergei; Volobujeva, Olga; Mikli, Valdek 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://fmdtk.ut.ee/teesid-2018/>

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

Verbitsky, Anatoly; Vertsimakha, 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

Reduced basis finite element modeling of electrical machines with multiconductor windings

Lehikoinen, Antti; Arkkio, Antero; **Belahcen, Anouar** IEEE transactions on industry applications 2017 / p. 4252-4259 : ill <https://doi.org/10.1109/TIA.2017.2696509> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solar energy conversion using powder materials : a new technology to save our climate

Meissner, Dieter International Conference On Renewable Energy (INCORE 2016) : book of programme and abstract 2016 / p. 14

Solid phase recrystallization of ZnS ceramics in phase transition region

Lott, Kalju; Ananjeva, G.; Gorokhova, Elena The Ninth International Conference on II-VI Compounds : November 1-5, 1999, Kyoto, Japan 1999 / p. 107 <https://www.sciencedirect.com/science/article/pii/S0022024800002165>

Springtails of flooded meadows along Matsalu Bay and the Kasari River, Estonia

Ivask, Mari; Kuu, Annely; Meriste, Mart; Kutti, Sander; Palo, Anneli; Kilki, Siim Pedobiologia 2018 / p. 1-10 <https://doi.org/10.1016/j.pedobi.2017.12.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural analysis of selective laser melted copper-tin alloy

Rahmani Ahranjani, Ramin; Resende, Pedro R.; Couto, Ruben; Lopes, Sérgio Ivan; Kumar, Rahul, 1993-; **Maurya, Himanshu Singh**; Karimi, Javad; Afonso, Alexandre M.; **Hussain, Abrar**; Abrantes, Joao C. C. Journal of alloys and metallurgical systems 2024 / art. 100097 <https://doi.org/10.1016/j.jalms.2024.100097> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

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

Study of the ultrafine-grains intrinsic nanostructure refinement by severe plastic deformation of copper alloys

Kommel, Lembit; Veinthal, Renno; Mikli, Valdek; Dedov, Andrei OAS 2015 : proceedings of the 3rd [i.e. 3rd] International Conference Optimization and Analysis of Structures III : Tartu, Estonia, August 23-25, 2015 2015 / p. 28-32 : ill

Subcontact layers in LPE structures for forming the ohmic contacts on GaAs semiconductor substrates

Korolkov, Oleg; Voitovitš, Viktor; Rang, Toomas Abstract book of 13th American Conference on Crystal Growth and Epitaxy : August 12-16, 2001, Burlington, Vermont, USA 2001 / p. 133

Tehislihased ja elektrit juhtivad lõngad : [küsimustele vastab TTÜ Arengufondi ES Sadolini ASi stipendiumi pälvinud TTÜ doktorant Katrin Idla]

Idla, Katrin Mente et Manu 2003 / kevad 2003, Vilistlane, lk. 6 : fot https://www.ester.ee/record=b1242496*est

Temperature dependence of conductivity for polyparaphenylene

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

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 detection of nerve agent degradation products in different soil fractions using capillary electrophoresis with contactless conductivity detection

Seiman, Andrus; **Makarõtševa, Natalja**; **Vaher, Merike**; **Kaljurand, Mihkel** Chemistry and ecology 2010 / Suppl., p. 145-155 : ill <https://www.tandfonline.com/doi/abs/10.1080/02757540.2010.497761>

The influence of conductive additives on the mechanical properties of electrospun mats = Juhtivate lisandite mõju elektrokedratud nanokiuliste lausmaterjalide mehaanilistele omadustele

Plamus, Tiia 2018 <https://digi.lib.ttu.ee/i/211197> https://www.ester.ee/record=b5178372*est

The use of high-temperature superconducting cuprate as a dopant to the negative electrode in Ni-Zn batteries

Stoyanova-Ivanova, Angelina; **Terzieva, Stanimira**; **Mikli, Valdek** Bulgarian chemical communications 2015 / p. 221-228 : ill

Tribological behavior at dry sliding by electric current of Cu-Cr-S alloy after equal channel angular pressing

Kommel, Lembit Engineering materials and tribology XXV 2017 / p. 430-435 <https://doi.org/10.4028/www.scientific.net/KEM.721.430>
[Journal metrics at Scopus](#) [Article at Scopus](#)

TTÜ teadlased arendavad kosmosetehnika jaoks vajalikke supekondensaatoreid [Võrguväljaanne]

Vähi, Kersti novaator.err.ee 2020 / fot [TTÜ teadlased arendavad kosmosetehnika jaoks vajalikke supekondensaatoreid](#)

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

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

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

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

Автокомпенсационный процентометрический измеритель комплексной проводимости с преобразователями дискретного действия

Parve, Toomas; **Trumm, Tõnu** Расчет и проектирование приборов, устройств и систем технической кибернетики 1980 / с. 49-55 : илл https://www.ester.ee/record=b1264145*est <https://digikogu.taltech.ee/et/Item/81bf2178-a9f8-417d-86c7-2000cca6a01e>

Автокомпенсационный процентометрический измеритель комплексных составляющих полной проводимости

Parve, Toomas; **Trumm, Tõnu** Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио. [1], Секция: Информационно-измерительная техника 1981 / с. 11-12 https://www.ester.ee/record=b1310782*est

Аппаратура для измерения высокотемпературной проводимости в соединениях типа А2В6 в атмосфере паров компонентов

Nirk, Tiit; **Nõges, Märt** Полупроводниковые материалы. 2 1972 / с. 65-70 : илл https://www.ester.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

Взаимодействие собственных дефектов с электрически активными примесями в монокристаллах CdSe

Nirk, Tiit; **Varvas, Jüri** Тезисы докладов. Вторая конференция по физико-химическим основам легирования полупроводниковых материалов. г. Москва, 23-25 окт. 1972 г. 1972 / с. 147-148

Влияние влажности на поверхностную и объемную проводимость некоторых диэлектриков

Bender, Villem; **Roninson, Aleksander**; **Silas, Aarne** Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 79-88 : ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>

Влияние текстуры на электропроводность твердого раствора Bi₂Te₂, 4Se_{0,6}

Goltsman, B.; **Paat, Aadu**; **Šapiro, E.** Неорганические материалы 1968 / с. 1349-1350 : ил https://www.ester.ee/record=b1611497*est

Высокотемпературная релаксация электропроводности в монокристаллах Cd Se

Varema, Tiit III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 3 https://www.ester.ee/record=b1280470*est

Высокотемпературная электропроводность ZnS:Cu:Cl-керамики в области фазовых переходов

Lott, Kalju Оптический журнал 1999 / 7, с. 70-74: ил

Высокотемпературная электропроводность в поликристаллическом сульфиде цинка

Lott, Kalju; Gorohova, E.; Rõzikov, E.; Raukas, Maie Тезисы докладов V всесоюзного симпозиума по люминесцентным приемникам и преобразователям рентгеновского излучения 1985 / с. 85 https://www.ester.ee/record=b1229978*est

Измерение высокотемпературной проводимости кадмия в парах хлорида кадмия

Nirk, Tiit III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 11 https://www.ester.ee/record=b1280470*est

Измеритель сквозной проводимости

Veimer, Vladimir; Kurik, Lembit Tallinna Tehnikaülikooli Toimetised 1990 / lk. 107-115: ill

Индукционные перемешиватели электропроводящих жидкостей

Arhipova, Ludmilla; Kesküla, Viktor; Kilk, Aleksander; Külm, Evald Тезисы докладов семинара "Новые направления научных исследований в области электромеханики" 1991 / с. 41-45

Исследование высокотемпературной проводимости монокристаллов CdSe, легированных индием

Õpik, 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

Õpik, 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 концентрации носителей легированного галогенами полипарафенилена

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

Исследование электромагнитного расходомера в широком диапазоне проводимостей измеряемой жидкости : автореферат ... кандидата технических наук (05.13.05)

Toomet, Madis 1982 https://www.ester.ee/record=b1522696*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

Исследование эффективности численных алгоритмов моделирования проводящего состояния силовых полупроводниковых структур

Freidin, Boris Тезисы докладов Республиканской научно-технической конференции "Современные методы и устройства радиоэлектронного оборудования", посвященной Дню радио. Секция: полупроводниковые приборы 1981 / с. 34-35 https://www.ester.ee/record=b1310801*est

Исследование эффективности численных алгоритмов моделирования силовых полупроводниковых структур в проводящем состоянии

Velme, Enn; Udal, Andres; Freidin, Boris Электронное моделирование = Electronic modeling : международный научно-теоретический журнал 1981 / с. 85-88 https://www.ester.ee/record=b1291241*est

К расчету магнитных проводимостей воздушных зазоров

Loigom, Villem; Sakkos, Heinar Электромеханика. 1 1968 / с. 35-39 : ил https://www.ester.ee/record=b2182216*est <https://digikogu.taltech.ee/et/Item/6cdb2b6d-add8-4272-9651-f23d80461d68>

К численному обращению матрицы проводимостей

Kukk, Vello Труды по электротехнике и автоматике : сборник статей. 9 1971 / с. 35-42 : ил https://www.ester.ee/record=b2190156*est <https://digikogu.taltech.ee/et/Item/945ec07e-d7b0-466e-bc24-6ad904a829e9/>

МГД-перекачивание металлосплавов с малой печатной электропроводностью

Risthein, Endel Тезисы докладов ; Вып. 1 1974 / с. [?]

Об измерении электрических свойств электролитов с большой проводимостью

Plakk, Paul Труды по электротехнике и автоматике : сборник статей. 6 1968 / с. 73-96 : ил https://www.ester.ee/record=b2182221*est <https://digikogu.taltech.ee/et/Item/28a82977-89e1-4d6c-ae22-51bd6ba069c0>

Обработка данных высокотемпературной электропроводимости селенида кадмия на ЭВМ

Tünn, Leo Физическая химия соединений AIIIBVI 1984 / с. 35-40

Последовательная коррекция сигнала электромагнитного преобразователя расхода в широком диапазоне электрической проводимости измеряемой жидкости

Toomet, Madis Неуставившиеся процессы в системах водоснабжения и водоотведения 1987 / с. 36-41

Самоприклеивающиеся материалы. Сообщ. 9, Электропроводящие термоотверждаемые клеевые покрытия КВН
Vabaoja, Jüri; Veimer, Vladimir; Võssotski, Svjatoslav Синтез и применение поликонденсационных клеев. 8 1985 / с. 99-104

Сигнализатор уровня электропроводящих жидкостей

Pikkov, Otto Приборы и системы автоматики 1969 / с. 52-59 : илл https://www.ester.ee/record=b1371445*est

Сигнализатор уровня электропроводящих жидкостей

Pikkov, Otto Приборостроение : ежемесячный научно-технический и производственный журнал 1964 / с. 30 : илл
https://www.ester.ee/record=b2727215*est

Твердость и электропроводность дисперсионно-твердеющих спеченных медных сплавов

Rudenja, Sergei; Arensburger, Daniil 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. 137 https://www.ester.ee/record=b1305565*est

Термозонд для определения типа проводимости примесных полупроводников

Gavrilov, Aleksei; Klopov, Mihhail Приборы и техника эксперимента 1995 / 3, с. 199-200: ил

Электропроводность некоторых сегнетоэлектриков-полупроводников V-VI-VII групп

Pikka, Tiit Кристаллография 1967 / с. 1075-1076 : илл https://www.ester.ee/record=b2146307*est

Электропроводность полипарафенилена, легированного йодом

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