

Analysis of barrier inhomogeneities of P-type Al/4H-SiC Schottky barrier diodes

Ziko, Mehadi Hasan; Koel, Ants; Rang, Toomas; Toompuu, Jana Silicon Carbide and Related Materials 2019 : Selected peer-reviewed papers from International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), September 29 - October 4, 2019, Kyoto, Japan Materials science forum 2020 / p. 960-972 <https://doi.org/10.4028/www.scientific.net/MSF.1004.960>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Atomic structure, dynamics, changes in chemical bonding and semiconductor-metal transition in Sb₂Se₃ : A remarkable material for quantum networks and energy applications

Kassem, Mohammad; Benmore, Chris J.; Tverjanovich, Andrey; Bokova, Maria; Khomenko, Maxim; Usuki, Takeshi; Sokolov, Anton; Fontanari, Daniele; **Bereznev, Sergei**; Ohara, Koji ACS applied materials & interfaces 2025 / p. 17075-17095
<https://doi.org/10.1021/acsami.5c00008>

Characterization of ZnO-nanorod/In₂S₃/CuInS₂ solar cell, and properites of the constituent layers

Kärber, Erki TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Chlorine doping of cadmium sulfide on the example of CBD CdS

Hiie, Jaan; **Quinci, Frederico; Lughi, Vanni; Sergo, Valter**; Valdna, Vello; Mikli, Valdek; Kärber, Erki; Raadik, Taavi Thin-film compound semiconductor photovoltaics - 2009 2009 / p. M08-17 <https://www.cambridge.org/core/journals/mrs-online-proceedings-library-archive/article/abs/chlorine-doping-of-cadmium-sulfide-on-the-example-of-cbd-cds/070F0DAEB40CD83B771895FED27CBEA1>

Comparative study of CdS films annealed in neutral, oxidizing and reducing atmospheres

Maticiu, Natalia; Kuk, Mart; Spalatu, Nicolae; Potlog, Tamara; Krunks, Malle; Valdna, Vello; Hiie, Jaan Energy procedia 2014 / p. 77-84 : ill <https://doi.org/10.1016/j.egypro.2013.12.012> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of band gap tuned CU₂ZN(SN₁-XGEX)S₄ monograin powders

Mengü, Idil; Grossberg-Kuusk, Maarja; Muska, Katri; Pilvet, Maris; Mikli, Valdek; Kaupmees, Reelika; Krustok, Jüri; Kauk-Kuusik, Marit Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 39 l.
[Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Dielectric relaxation and conduction mechanisms in sprayed TiO₂ thin films as a function of the annealing temperature

Juma, Albert Owino; Oja Acik, Ilona; Mere, Arvo; Krunks, Malle Applied physics. A, Materials science & processing 2016 / art. 359, p. 1-6 : ill <https://doi.org/10.1007/s00339-016-9874-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of CdCl₂ annealing treatment on structural and optoelectronic properties of close spaced sublimation CdTe/CdS thin film solar cells vs deposition conditions

Spalatu, Nicolae; Hiie, Jaan; Mikli, Valdek; Krunks, Malle; Valdna, Vello; Maticiu, Natalia; Raadik, Taavi; Caraman, Mihail Thin solid films 2015 / p. 128-133 : ill <http://dx.doi.org/10.1016/j.tsf.2014.11.066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of Zr doping on the structural and electrical properties of spray deposited TiO₂ thin films

Oluwabi, Abayomi Titilope; Juma, Albert Owino; **Oja Acik, Ilona; Mere, Arvo; Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 147-157 : ill <https://doi.org/10.3176/proc.2018.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of the thickness on the electrical and optical properties of ZN(O,Se) layers prepared by PLD

Abdalla, Akram; Bereznev, Sergei GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 10
<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

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](#)

Electrical characterization of cadmium sulfide films, annealed in reducing, neutral and oxidizing ambients of H₂, N₂, and air

Graf, Aleksandr; Gavrilov, Aleksei; Hiie, Jaan TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Electrical characterization of CdS films, annealed in reducing, neutral and oxidizing ambients of H₂, N₂, and air

Graf, Aleksandr; Maticiu, Natalia; Gavrilov, Aleksei; Hiie, Jaan EMRS 2014 Spring Meeting : Lille, France, May 26-30. Symposium A, Thin film chalcogenide photovoltaic materials 2014 / p. 22

Electrical characterization of nanostructured CIS solar cell prepared by chemical spray pyrolysis

Kärber, Erki; Abass, Aimi; Khelifi, Samira; Burgelman, Marc; **Mere, Arvo; Katerski, Atanas; Krunks, Malle** NEXTGEN NANO PV : book of abstracts 2013 / p. 80-81

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

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 sprayed CuInS₂ films for solar cells

Mere, Arvo; Kijatkina, Olga; Rebane, Helen; Krustok, Jüri; Krunks, Malle Journal of physics and chemistry of solids 2003 / Issues 9/10, p. 2025-2029 : ill

Electrical, optical and structural properties of sprayed CuInS₂ films for solar cells

Mere, Arvo; Kijatkina, Olga; Rebane, Helen; Krunks, Malle ICTMC13 : 13th International Conference on Ternary and Multinary Compounds, Paris, 2002, October 14th-18th : book of abstracts 2002 / p. 212

Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects

Pishtshev, Aleksandr; Karazhanov, S. Zh.; Klopov, Mihhail Joint 12th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and 9th International Conference Functional Materials and Nanotechnologies : Institute of Solid State Physics, University of Latvia, September 29-October 2, Riga, Latvia : book of abstracts 2014 / p. 258

Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects

Karazhanov, Smagul Zh.; Pishtshev, Aleksandr; Klopov, Mihhail Physica Scripta 2015 / art. 094015 <https://doi.org/10.1088/0031-8949/90/9/094015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electronic excitations and self-trapping of electrons and holes in CaSO₄

Kudrjavitseva, Irina; Klopov, Mihhail; Luštšik, Aleksandr Physica scripta 2014 / p. 1-6 : ill <https://doi.org/10.1088/0031-8949/89/4/044013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Excitons in Mg(OH)₂ and Ca(OH)₂ from ab initio calculations

Pishtshev, Aleksandr; Karazhanov, S. Zh.; Klopov, Mihhail Solid state communications 2014 / p. 11-15 : ill <https://doi.org/10.1016/j.ssc.2014.05.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation of properties of CuInSe₂ and Cu₂ZnSn(S,Se)₄ monograin powders synthesized in molten KI =

Kaaliumjodiidsulandaja keskkonnas kasvatatud monoterapulbrite CuInSe₂ ja Cu₂ZnSn(S,Se)₄ omaduste kujundamine Timmo, Kristi 2011

Growth and electrical properties of ZnO nanorod arrays prepared by chemical spray pyrolysis

Krunks, Malle; Dedova, Tatjana; Kärber, Erki; Mikli, Valdek; Oja Acik, Ilona; Grossberg, Maarja; Mere, Arvo Physica B 2009 / p. 4422-4425 : ill

Impact of vacuum and nitrogen annealing on HVE SnS photoabsorber films

Revathi, Naidu; Looirits, Mihkel; Kärber, Erki; Volobujeva, Olga; Raudoja, Jaan; Maticiu, Natalia; Bereznev, Sergei; Mellikov, Enn Materials science in semiconductor processing 2017 / p. 252-257 : ill <https://doi.org/10.1016/j.mssp.2017.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of annealing in H₂ atmosphere on the electrical properties of thin film CdS

Maticiu, Natalia; Hiie, Jaan; Potlog, Tamara; Valdna, Vello; Gavrilov, Aleksei MRS proceedings 2011 / p. d14-05

Influence of non-stoichiometry on some electrical properties and structure of barium titanate for PTC thermistors

Hadzaman, I.; Shpotyuk, O.; Louzhetsky, J.; Mrooz, O.; Kovalskiy, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 243-244: ill

Influence of the secondary thermal annealing on the properties of CdTe/CdS:CdCl₂:O₂ structure

Yang, Wangjun; Spalatu, Nicolae; Maticiu, Natalia; Krunks, Malle; Hiie, Jaan Proceedings of 13th International Conference of Young Scientists on Energy Issues : CYSENI 2016 : May 26-27 2016, Kaunas, Lithuania 2016 / p. VII-220 - VII-225 : ill

Investigation of electrical properties of cadmium sulfide thin films

Graf, Aleksandr Proceedings of CYSENI 2013 : the 10th Annual Conference of Young Scientists on Energy Issues, May 29-31, 2013, Kaunas, Lithuania 2013 / p. 457-463

Low frequency acoustic method to measure the complex bulk modulus of porous materials

Napolitano, Marialuisa; Di Giulio, Elio; Auriemma, Fabio The Journal of the Acoustical Society of America 2022 / art. 1545 <https://doi.org/10.1121/10.0009767> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Materials properties of magnesium and calcium hydroxides from first-principles calculations

Pishtshev, Aleksandr; Karazhanov, S. Zh.; **Klopov, Mihail** Computational materials science 2014 / p. 693-705 : ill
<https://doi.org/10.1016/j.commat.2014.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modification of conductive properties and processability of polyparaphenylene, polypyrrole and polyaniline
Golovtsov, Igor 2005 https://www.ester.ee/record=b2097077*est

Nano and micro-scale simulations of Si/4H-SiC and Si/3C-SiC NN-heterojunction diodes
Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas Silicon Carbide and Related Materials 2018 : 12th European Conference on Silicon Carbide and Related Materials (ECSCRM 2018) : Selected, peer reviewed papers from the European Conference on Silicon Carbide and Related Materials (ECSCRM 2018), September 2-6, 2018, Birmingham, UK 2019 / p. 357–361
<https://doi.org/10.4028/www.scientific.net/MSF.963.357> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Numerical analysis of the influence of deep energy level traps in SiC Schottky structures
Koel, Ants; Rang, Toomas; Rang, Galina High performance structure and materials. VI 2012 / p. 439-448 : ill

Optical and electrical methods for pulse wave transit time measurement and its correlation with arterial blood pressure
Lass, Jaanus; Meigas, Kalju; Kattai, Rain; Karai, Deniss; Kaik, Jüri; Rossmann, Mart Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 2, p. 123-136 : ill

Optical study of local strain related disordering in CVD-grown MoSe₂ monolayers
Krustok, Jüri; Raadik, Taavi; Jaaniso, Raivo; Kiisk, Valter Applied physics letters 2016 / p. 253106-1 - 253106-5 : ill
<https://doi.org/10.1063/1.4972782> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pooljuhtmaterjalide elektriliste parameetrite mõõtmise
Gavrilov, Aleksei 2011 http://www.ester.ee/record=b2714079*est

Properties development of ultrafine-grained copper under hard cyclic viscoplastic deformation
Kommel, Lembit Materials letters 2010 / p. 1580-1582 : ill <https://www.sciencedirect.com/science/article/pii/S0167577X10003526>

Properties of CuSbSe₂ and Sb₂Se₃ absorber materials for solar cell applications = Päikesepatarei absorbermaterjalide CuSbSe₂ ja Sb₂Se₃ omaduste uurimine
Penežko, Aleksei 2022 <https://doi.org/10.23658/taltech.74/2022> <https://digikogu.taltech.ee/et/Item/8767ee79-5fa2-4d9a-a63a-73835304d779>
https://www.ester.ee/record=b5528448*est

Properties of the CdCl₂ air-annealed CSS CdTe thin films
Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Caraman, Mihail; Maticiu, Natalia; Mikli, Valdek; Potlog, Tamara; Krunks, Malle; Lugh, Vanni Energy procedia 2014 / p. 85-95 : ill <https://doi.org/10.1016/j.egypro.2013.12.013> [Conference proceedings at Scopus](#)
[Article at Scopus](#) [Article at WOS](#)

Properties of the CdCl₂ air-annealed CSS CdTe thin films
Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Maticiu, Natalia; Krunks, Malle; Mikli, Valdek TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Pulsed laser deposition of Zn(O,Se) layers for optoelectronic application
Polivtseva, Svetlana; Spalatu, Nicolae; Abdalla, Akram; Volobujeva, Olga; Hiie, Jaan; Bereznev, Sergei ACS Applied Energy Materials 2018 / p. 6505–6512 : ill <http://dx.doi.org/10.1021/acs.aem.8b01431>

The role of Cl in the chemical bath on the properties of CdS thin films
Maticiu, Natalia; Hiie, Jaan; Raadik, Taavi; Graf, Aleksandr; Gavrilov, Aleksei Thin solid films 2013 / p. 184-187 : ill
<https://doi.org/10.1016/j.tsf.2012.11.107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solar energy harvesting through photovoltaic and photoelectrochemical means from appositely prepared CuInGaSe₂ absorbers on flexible substrates by a low-cost and industrially benign pulse electrodeposition technique
Mandati, Sreekanth; Misra, Prashant; Boosagulla, Divya; Tata, Narasinga Rao; Bulusu, Sarada V. Industrial and engineering chemistry research 2021 / p. 2197–2205 <https://doi.org/10.1021/acs.iecr.0c05934>

Structural and electrical characterization of TiO₂ films grown by spray pyrolysis
Oja, Ilona; Mere, Arvo; Krunks, Malle; Nisumaa, Reet; Solterbeck, C.-H.; Es-Souni, M. Thin solid films 2006 / p. 674-677 : ill
<https://www.sciencedirect.com/science/article/pii/S0040609005025708>

Structural and electrical properties of P-type NiO thin films deposited by spray pyrolysis
Vessart, R.; Unt, Tarmo; Mere, Arvo; Krunks, Malle Proceedings of the 11th International Conference of Young Scientists on Energy Issues : CYSENI 2014 : May 29-30, 2014, Kaunas, Lithuania 2014 / p. VII-290-VII-297

Structural and electrical properties of spray deposited copper indium disulphide films for solar cells = Pihustussadestatud vaskindiumsulfiidkilede struktuursed ja elektrilised omadused ning rakendus päikesepatareides

Mere, Arvo 2006 https://www.ester.ee/record=b2132571*est

Synthesis and electrical properties of potassium substituted hydrosodalites

Mere, Arvo; Hyvonen, D.; Heinmaa, I.; Ruus, Tõnu Proceedings of SPIE 2001 / p. 303-306

Synthesis and electrophysical properties of nanometric CdS layers deposited on SnO₂-coated glass substrates by pulverization method

Botnariuc, V.; Gorceac, L.; Mikli, Valdek Journal of nanoelectronics and optoelectronics 2013 / p. 744-749

Synthesis and optical properties of Ga₂O₃ nanowires grown on GaS substrate

Leontie, Liviu; Sprincean, Veaceslav; Untila, Dumitru; Spalatu, Nicolae Thin solid films 2019 / art. 137502, 6 p. : ill

<https://doi.org/10.1016/j.tsf.2019.137502> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

System-level condition monitoring approach for fault detection in photovoltaic systems

Zahraoui, Younes; Alhamrouni, Ibrahim; Hayes, Barry P.; Mekhilef, Saad; Korötko, Tarmo Fault analysis and its impact on grid-connected photovoltaic systems performance 2022 <https://doi.org/10.1002/9781119873785.ch7>

Teadus TTÜ seinte vahel : [euromündi materjalide elektriliste omaduste täpse mõõtmise arendamise projektist]

Nassar, Bia Studiosus 2008 / märts, lk. 9

Temperature dependent electrical properties of kesterite monograin layer solar cells = Kesteriitsete monoterakihiliste päikesepatareide elektriliste omaduste temperatuursõltuvused

Danilson, Mati 2016 <https://digi.lib.ttu.ee/i/?5113> https://www.ester.ee/record=b4565639*est

The effect of laser fluences on the structural and optoelectronic properties of Zn(O,Se) films

Abdalla, Akram; Kärber, Erki; Mikli, Valdek; Bereznev, Sergei Materials science in semiconductor processing 2021 / art. 105429, 5 p. : ill <https://doi.org/10.1016/j.mssp.2020.105429> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal annealing effect on structural and electrical properties of chemical bath-deposited CdS films

Hiie, Jaan; Muska, Katri; Valdna, Vello; Mikli, Valdek; Taklaja, Andres; Gavrilov, Aleksei Thin solid films 2008 / 20, p. 7008-7012 : ill

Tseoliitide ioonse juhtivuse uurimine : väitekiri ... loodusteaduste magistri kraadi taotlemiseks tehnilise füüsika erialal

Mere, Arvo 1996 https://www.ester.ee/record=b2680784*est

Взаимодействие газовой среды с поверхностью полупроводниковых соединений типа A₂B₆

Dambrauskas, R.; Aarna, Heiti XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 26 https://www.ester.ee/record=b1379468*est

Влияние адсорбционных процессов на электрофизические свойства поверхностных слоев диэлектрических материалов

Veimer, Vladimir; Roninson, Aleksander Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 57-67 : ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/item/9447de85-407e-426e-843d-2f0c98097f4e>

Влияние вакуумного отжига на электрофизические свойства порошкообразных CdS и CdSe

Mellikov, Enn; Hiie, Jaan; Kuk, Peeter-Enn; Karpenko, I.V. Известия Академии наук СССР. Неорганические материалы 1982 / с. 363-365 : ил https://www.ester.ee/record=b1611497*est

Влияние обработки поверхности на электрические свойства монослойных слоев

Iijina, Natalja; Mellikov, Enn III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 6 https://www.ester.ee/record=b1280470*est

Влияние хлоридного плавня на рост кристаллов, растворимость хлора и электрофизические свойства сульфида кадмия

Mellikov, Enn; Hiie, Jaan; Kokk, Heino Третья Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 20-22 окт. 1975 г. : Тезисы докладов 1975 / с. 111

Импульсное измерение параметров сверхмощных транзисторов

Laansoo, Ants; Männama, Vello; Pikkov, Otto; Järvalt, Aldur Силовые полупроводниковые приборы : сборник статей 1981 / с. 59-62 : илл https://www.ester.ee/record=b1264428*est

Исследование влияния термообработки монокристаллов селенида кадмия в парах селена и кадмия на их электрические свойства

Krunk, O.; Nirk, Tiit XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и

Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 28 https://www.ester.ee/record=b1379468*est

Исследование магнитных и электрических свойств магнитомягких композиционных материалов на физической модели зубцов плоского двигателя

Ritso, Aadu; Laansoo, Andres; Siimar, Rein Тезисы докладов VI Всесоюзной научно-технической конференции "Новые технологические процессы и оборудование для производства электрических машин малой мощности" : (г. Тбилиси, 1-4 июня 1983 г.) 1983 / с. 49-50 https://www.ester.ee/record=b2190535*est

Исследование углов смачивания некоторых диэлектрических материалов

Veimer, Vladimir; Bender, Villem; Kurik, Lembit; Udris, V. Электрофизические свойства полупроводниковых и диэлектрических материалов 1983 / с. 69-78 : ил https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>

Исследование электрических свойств горючих сланцев и известняков Эстонии

Neufeld, Heinrich Eesti NSV Teaduste Akadeemia toimetised. Füüsika. Matemaatika = Известия Академии наук Эстонской ССР. Физика. Математика = Proceedings of Academy of Sciences of the Estonian SSR. Physics. Mathematics 1973 / lk. 101-105 https://www.ester.ee/record=b1264310*est <https://www.etera.ee/zoom/19223/view?page=1&p=separate&tool=info>

Исследование электрических характеристик высоковольтных стеклянных изоляторов

Raime, J.; Tarkmeel, V.; Tapupere, Olev; Grossman, Otto XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 70-71 https://www.ester.ee/record=b1379483*est

Модель электрического двойного слоя

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

О взаимосвязи между диэлектрической проницаемостью и плотностью смеси порошков горных пород

Schults, Kaljo Проблемы подземной и открытой разработки горючих сланцев и нерудных материалов 1982 / с. 73-83 : илл https://www.ester.ee/record=b1309541*est <https://digikogu.taltech.ee/et/Item/e7e45a50-ac5b-44ae-a6bf-2c955cf96982>

О влиянии электрических свойств жидкости на чувствительность электромагнитного расходомера для диэлектриков

Meister, Ants Сборник материалов к V Таллинскому совещанию по электромагнитным расходомерам и электротехнике жидких проводников. Выпуск 1 1971 / с. 189-194 https://www.ester.ee/record=b1409090*est

Об измерении электрических свойств электролитов с большой проводимостью

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

Полупроводниковые материалы

Rusalep, Ervin; Kuk, Peeter-Enn; Krustok, Jüri; Mädasson, Jaan; Altosaar, Mare; Ruus, Tõnu; Aarna, Heiti; Mankin, Romi; Reiter, Eerik; Krunks, Malle; Mellikov, Enn; Seilenthal, Mats; Vallaste, Heikki; Tuvike, Tiit; Palmre, Õie; Bender, Villem; Veimer, Vladimir; Mere, Arvo; Roninson, Aleksander; Silas, Aarne; Gavrilov, Aleksei; Paat, Aadu; Meiler, Boriss 1986 https://www.ester.ee/record=b1296001*est

Полупроводниковые материалы

Reiter, Eerik; Meiler, Boriss; Krustok, Jüri; Piibe, Toomas; Mädasson, Jaan; Altosaar, Mare; Tomson, A.; Kuk, Peeter-Enn; Tuvike, Tiit; Palmre, Õie; Vallaste, Heikki; Päid, Imbi; Kuusmets, Eela; Petrov, P.; Mellikov, Enn; Erm, Ants; Krunks, Malle; Gavrilov, Aleksei; Košelap, Andrei; Bender, Vladimir; Mere, Arvo; Veimer, Vladimir; Kurik, Lembit; Sinivee, Veljo 1988 https://www.ester.ee/record=b1220756*est

Полупроводниковые материалы

Sauga, Ako 1990 https://www.ester.ee/record=b1214326*est

Применение анодного окисления при исследовании электрофизических характеристик полупроводниковых структур "кремний на изоляторе"

Gavrilov, Aleksei Tallinna Tehnikaülikooli Toimetised 1990 / lk. 53-59: ill

Прогнозирование распределения электрических параметров тиристоров

Bachverk, Aleksander; Annus, Arno; Kiitam, Andres; Pikka, Kaie Разработка систем сбора и обработки технологических данных в силовом полупроводниковом приборостроении : тезисы отраслевого научно-технического семинара (Вильянди, Эстонская ССР, июль) 1980 / с. 40-43 https://www.ester.ee/record=b1338980*est

Продольный краевой эффект во вторичной цепи линейных индукционных магнетогидродинамических машин

Voldek, Aleksander Исследование и проектирование электромагнитных средств перемещения жидких металлов : сборник трудов. 6 1968 / с. 15-42 : илл https://www.ester.ee/record=b2100476*est <https://digikogu.taltech.ee/et/Item/640dfbea-3068-4a32-84a7-0312969b386b/>

Численное моделирование эксперимента Шокли-Хейнса

Velme, Enn; Udai, Andres Силовые полупроводниковые приборы : сборник статей 1986 / с. 49-53 : ил https://www.ester.ee/record=b1591355*est

Экспериментальное исследование формирования электрических параметров тиристорной структуры

Bachverk, Aleksander Расчет и проектирование приборов, устройств и систем технической кибернетики 1981 / с. 33-39 https://www.ester.ee/record=b1319172*est <https://digikogu.taltech.ee/et/Item/4c9b1559-97b9-4d9b-bac8-6c40840ba442>

Экспериментальное исследование процесса формирования электрических параметров тиристора

Bachverk, Aleksander Разработка систем сбора и обработки технологических данных в силовом полупроводниковом приборостроении : тезисы отраслевого научно-технического семинара (Вильянди, Эстонская ССР, июль) 1980 / с. 17-19 https://www.ester.ee/record=b1338980*est

Электрические и структурные свойства химически пульверизованных пленок CdS

Krunk, Malle 5-я республиканская конференция молодых ученых-химиков : [тезисы докладов] 1983 / с. 236 https://www.ester.ee/record=b1312297*est

Электрофизические свойства полупроводниковых и диэлектрических материалов

1983 https://www.ester.ee/record=b1291687*est <https://digikogu.taltech.ee/et/Item/9447de85-407e-426e-843d-2f0c98097f4e>