

Analysis of fill factor losses in thin film CdS/CdTe photovoltaic devices

Potlog, Tamara; Spalatu, Nicolae; Ciobanu, V.; **Hiie, Jaan; Mere, Arvo; Mikli, Valdek; Valdna, Vello** Moldavian journal of the physical sciences 2010 / 3/4, p. 363-367
https://ibn.idsi.md/sites/default/files/imag_file/Analysis%20of%20fill%20factor%20losses%20in%20thin%20film%20CdSCdTe%20photovoltaic%20devices.pdf

Annealing of bulk crystalline CdTe under CdCl₂ controlled vapor pressure

Hiie, Jaan; Valdna, Vello E-MRS Spring Meeting : Strasbourg, 1999 : abstracts 1999 / p. O-32

CdS and CdSe microphotonresistor for optoelectronics

Altosaar, Mare; Kukk, Peeter-Enn; Mellikov, Enn; Valdna, Vello 9th International Symposium of the Technical Committee on Photon-Detectors, Visegrad, 9 - 12 september 1980 : proceedings International Measurement Confederation IMEKO : [abstracts] 1980 / p. 12-13

Chemistry of CdCl₂:O₂ flux for CdTe solar cell technology

Hiie, Jaan; Valdna, Vello; Kois, Julia; Danilson, Mati; Mikli, Valdek Proceedings of the 19th EPVSECE conference 2004 / p. 927

Chlorine doping of cadmium sulfide on the example of CBD CdS

Hiie, Jaan; Quinci, Frederico; Lugh, 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; Kukk, 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](#)

Comparative study of nanostructured CdS thin films prepared by CBD and spray pyrolysis : annealing effect

Hiie, Jaan; Dedova, Tatjana; Valdna, Vello; Muska, Katri Thin solid films 2006 / p. 443-447 : ill

Complex defects in Cl doped ZnTe and CdTe

Valdna, Vello Materials Research Society symposia proceedings series 1997 / p. 585-591: ill

Complex defects in Cl doped ZnTe and CdTe

Valdna, Vello MRS Fall Meeting, Boston, 1996 : abstracts. 1 1996

Complex defects in ZnSe-based phosphors

Valdna, Vello; Durst, R.; Hiie, Jaan; Jones, L.; Kallavus, Urve Proc. Euromat '99. Vol. 13 2000 / p. 112-116

Conductivity conversion in CdTe layers

Valdna, Vello; Buschmann, Felix; Mellikov, Enn Journal of crystal growth 1996 / p. 164-167: ill

Control of p-type conductivity in CdTe by CdCl₂ vapor phase treatment

Hiie, Jaan; Valdna, Vello Proc. Euromat '99. Vol. 13 2000 / p. 261-266

Deep center luminescence in p-type CdTe

Krustok, Jüri; Valdna, Vello; Hjelt, Kari; Collan, Heikki Journal of applied physics 1996 / 3, p. 1757-1762: ill

Defects in CdTe-based photodetectors

Valdna, Vello Materials Research Society Symposia proceedings series 2000 / p. 241-246 : ill

Defects in chlorine doped CdTe thin films

Valdna, Vello; Hiie, Jaan; Gavrilov, Aleksei Abstracts POLYSE 2000 / p. 36

Defects in chlorine-doped CdTe thin films

Valdna, Vello; Hiie, Jaan; Gavrilov, Aleksei Solid state phenomena 2001 / p. 155-160 : ill

Eesti teaduse arengut pidurdavad probleemid

Valdna, Vello Õpetajate Leht 2013 / lk. 10 <https://opleht.ee/2013/10/eesti-teaduse-arengut-pidurdavad-probleemid/>

Eestis ei märgata häid tulemusi

Valdna, Vello Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 327-328

Eestis ei märgata häid tulemusi : [teadustöö hindamisest Eestis]

Valdna, Vello Postimees 2006 / 20. jaan., lk. 19 <https://www.postimees.ee/1522535/eestis-ei-margata-haid-tulemusi>

Eestis ära põlatud leiutis teenib USA-s head kasumit : [TTÜ materjaliteaduse instituudi vanemteaduri Vello Valdna leiutatud röntgenluminofoorist]

Laev, Sigrid; **Valdna, Vello** Eesti Päevaleht 2005 / lk. 5 : fot

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; Maticiuc, 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 CdCl₂ vapor phase pretreatment annealing on the properties of CSS CdS and CdTe/CdS thin film solar cells

Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Krunks, Malle; Caraman, Mihail; Mikli, Valdek; Maticiuc, Natalia 2014 Spring

Meeting Lille, France : May 26-30. Symposium A, Thin film chalcogenide photovoltaic materials 2014 / p. 17

Effect of the vacuum annealing on p-type CdTe

Valdna, Vello Physica scripta 1997 / p. 315-318: ill

Efficiency limits of CdTe thin film solar cells

Valdna, Vello; Hiie, Jaan Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume II 2002 / p. 1233-1235 : ill

Experimental studies of ZnS-based phosphors

Valdna, Vello; Durst, R.; Mere, Arvo Proc. Euromat '99. Vol. 13 2000 / p. 117-120

Formation of structure of the CdTe film, recrystallized on Mo/glass substrate under high temperature and mechanical pressure

Mikli, Valdek; Hiie, Jaan; Valdna, Vello; Viljus, Mart; Traksmäa, Rainer; Kallavus, Urve Thin solid films 2009 / 7, p. 2252-2255 : ill

Fundamental studies for improved photovoltaic materials and devices

Mellikov, Enn; Krunks, Malle; Altosaar, Mare; Krustok, Jüri; Valdna, Vello Proceedings of International Conference QUANTSOL'99 : Wildhaus, Switzerland, 1999 1999 / p. 41-45

Group II-VI downconverting phosphors

Valdna, Vello; Gavrish, T.; Hiie, Jaan; Mellikov, Enn; Mere, Arvo Materials Research Society symposia proceedings series 1997 / p. 463-466: ill

Group II-VI downconverting phosphorus

Valdna, Vello; Gavrish, T.; Hiie, Jaan; Mellikov, Enn; Mere, Arvo MRS Fall Meeting, Boston, 1996 : abstracts 1996 / [1] p <https://link.springer.com/article/10.1557/PROC-450-463>

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

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

Influence of copper and oxygen on the optoelectronic properties of chlorine doped CdTe thin films

Valdna, Vello Thin solid films 2001 / p. 192-194 : ill

Influence of copper and oxygen on the optoelectronic properties of chlorine doped CdTe thin films

Valdna, Vello Abstracts E-MRS-IUMRS 2000 / p. N-22

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

Kalevipoeg ja teed : [kavatsuse Tallinna lahte püstitada Kalevipoja kuju mittetoetamisest ning ettepanekust saata Eesti noored riikliku stipendiumiga USA tehnoloogiaülikoolidesse õppima teede ja sildade ehitamist]

Valdna, Vello Postimees 2005 / 25. mai, lk. 8 : ill

Keemiliselt sadestatud kaadmiumsulfiidi kilede loomutamisel toimuvad struktuursed muutused

Põldme, Nils; Hiie, Jaan; Mikli, Valdek; Raadik, Taavi; Valdna, Vello; Mere, Arvo; Gavrilov, Aleksei; Maticiuc, Natalia; Potlog, Tamara; Quinci, Frederico; Lughì, Vanni; Sergo, Valter XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 65

Kokku või lahku : [tehnika- ja humanitaarkõrgkoolide "ühe mütsi alla viimise" ideest]

Valdna, Vello Postimees 2006 / 11. apr., lk. 21

Kui pikk peab olema elektrikatkestus

Valdna, Vello Tallinna Tehnikaülikooli aastaraamat 2003 2004 / lk. 169-170

Kui pikk peab olema elektrikatkestus : [poliitikut peavad väärtustama reaalaridust, insenerikoolitust ja tehnikateadusi]

Valdna, Vello Postimees 2003 / 23. sept., lk. 13 <https://arvamus.postimees.ee/2049577/kui-pikk-peab-olema-elektrikatkestus>

Liquid optron on CdSe base

Altosaar, Mare; Valdna, Vello; Kukk, Peeter-Enn 9th International Symposium of the Technical Committee on Photon-Detectors, Visegrad, 9 - 12 september 1980 : proceedings International Measurement Confederation IMEKO : [abstracts] 1980 / p. 10-11

Maailmateadus Kopli liinidel : Tehnikaülikooli teadlased otsivad võimalust, kuidas päikesest odavamalt elektrit teha : [töörühm: Enn Mellikov (juht), Malle Krunks, Mare Altosaar, Jüri Krustok ja Vello Valdna oma uurimistööst]

Mellikov, Enn; Krunks, Malle; Altosaar, Mare; Krustok, Jüri; Valdna, Vello; Kändler, Tiit Eesti Päevaleht 1998 / 14. jaan., lk. 10 : ill., fot

Modeling of flux composition for thermal CdCl₂:O₂ annealing of polycrystalline CdTe

Hiie, Jaan; Valdna, Vello; Taklaja, Andres Mat.Res.Soc.Symp.Proc. 763 2004 / p. 397-402
<https://link.springer.com/article/10.1557/PROC-763-B8.22>

Optoelectronic properties of CdSe - CdTe solid solutions

Valdna, Vello; Mere, Arvo; Voronin, A. MatTech '91 : The Second European East-West Symposium on Materials and Processes, May 26-30, 1991 : abstracts 1991 / p. 256

Optoelectronic properties of CdTe thin films

Valdna, Vello EUROMAT 99. Volume 9, Interface controlled materials 2000 / p. 90-95 : ill
<https://onlinelibrary.wiley.com/doi/abs/10.1002/352760622X.ch15>

Optoelectronic properties of chlorine and oxygen doped CdTe thin films

Valdna, Vello Solar energy materials and solar cells 2005 / p. 369-373 : ill

Oxygen codopant in Cl doped CdTe thin films

Valdna, Vello E-MRS Spring Meeting 2002 : June 18-21, 2002. Symposium B, Thin Film Chalcogenide Photovoltaic Materials 2002 / p. B-26

Photoconductive cells and photocouplers of A₂B₆ materials

Valdna, Vello Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 25-26

Photoconductivity formation in CdTe in the annealing process

Hiie, Jaan; Valdna, Vello; Mellikov, Enn; Altosaar, Mare Optical organic and semiconductor inorganic materials 1997 / p. 123-129

Photoconductivity formation in CdTe in the annealing process

Hiie, Jaan; Valdna, Vello; Altosaar, Mare; Mellikov, Enn International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 197

Photoluminescence from deep acceptor - deep donor complexes in CdTe

Krustok, Jüri; Collan, Heikki; Hjelt, Kari; **Mädasson, Jaan; Valdna, Vello** ICL'96, Prague : International Conference on Luminescence and Optical Spectroscopy of Condensed Matter, Prague, Czech Republic, 18-23 August 1996 1996 / p. 1-17

Photoluminescence from deep acceptor - deep donor complexes in CdTe

Krustok, Jüri; Collan, Heikki; Hjelt, Kari; **Mädasson, Jaan; Valdna, Vello** Journal of luminescence 1997 / p. 103-105: ill

Photoluminescence of Zn(SeTe) annealed phosphors

Valdna, Vello; Mellikov, Enn; Mere, Arvo Physica scripta 1997 / p. 312-314

Photoluminescence of Zn(SeTe) annealed phosphors

Valdna, Vello; Krustok, Jüri; Mellikov, Enn; Mere, Arvo Abstracts of 17th Nordic Semiconductor Meeting, June 17-20, 1996, Trondheim, Norway 1996 / p. 70

Photoluminescence study of the 1.1 eV deep emission band in p-type CdTe

Hjelt, Kari; Collan, Heikki; **Krustok, Jüri; Valdna, Vello** Proceedings of the XXX Annual Conference of the Finnish Physical Society : March 21-23, 1996, Espoo, Finland 1996 / 8.29

Poliitik kallim kui teadlane

Valdna, Vello Postimees 2002 / 25. sept., lk. 12

Preparation and properties of CdTe films on Mo/glass substrates

Valdna, Vello; Grossberg, Maarja; Hiie, Jaan; Kallavus, Urve; Mikli, Valdek; Traksmaa, Rainer; Viljus, Mart Thin-film compound semiconductor photovoltaics - 2009 2009 / p. M08-24
https://www.researchgate.net/publication/231763435_Preparation_and_Properties_of_CdTe_Films_on_MoGlass_Substrates

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

Properties of the CdCl₂:O₂ treated CSS CdTe thin films

Spalatu, Nicolae; Caraman, Mihail; Maticiu, Natalia; Hiie, Jaan; Valdna, Vello; Mikli, Valdek; Lugh, Vanni E-MRS 2013 Spring Meeting. Symposium D, Advanced inorganic materials and structures for photovoltaics : poster session II 2013 / p. 19

p-type doping of CdTe

Valdna, Vello Abstracts of the International Conference POLYSe'98 : Polycrystalline Semiconductors - Bulk Materials, Thin Films and Devices, 13-18 Sept. 1998, Schwäbisch Gmünd, Germany 1998 / p. P27

p-type doping of CdTe

Valdna, Vello 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, p. 309-314

Reversibility of CdS film properties depending on the nature of annealing gas

Maticiu, Natalia; Hiie, Jaan; Spalatu, Nicolae; Valdna, Vello E-MRS 2013 Spring Meeting. Symposium D, Advanced inorganic materials and structures for photovoltaics : poster session II 2013 / p. 15-16

Scintillators for high efficiency and high spatial resolution in - ray imaging applications

Diawara, Y.; Durst, R.D.; Mednikova, G.; Thorson, T.; Hiie, Jaan; Valdna, Vello Hard x-ray and gamma-ray detector physics. V 2004 / p. 119-125 https://www.researchgate.net/publication/252160844_Scintillators_for_high_efficiency_and_high_spatial_resolution_in_x-ray_imaging_applications

Stability of chlorine-based complex defects in group II-VI semiconductors

Valdna, Vello Physica B 2001 / p. 939-941 : ill

Stability of p-type CdTe thin films

Valdna, Vello Proceedings of EMRS 1999 Spring Meeting, Strasbourg, France, June 1-4 1999 / p. O-PS 3/P19

Structural and optical properties of cadmium sulfide thin films modified by hydrogen annealing

Maticiu, Natalia; Hiie, Jaan; Mikli, Valdek; Potlog, Tamara; Valdna, Vello Materials science in semiconductor processing 2014 / p. 169-174 : ill https://doi.org/10.1016/j.mssp.2014.04.031_Journal_metrics_at_Scopus [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Structural changes in CBD CdS: effect of rapid thermal annealing

Hiie, Jaan; Quinci, Frederico; Lugh, Vanni; Maticiu, Natalia; Potlog, Tamara; Mere, Arvo; Valdna, Vello; Gavrilov, Aleksei "Thin film chalcogenide photovoltaic materials" (Symposium M, EMRS 2010 Spring Meeting) : 7-11 June 2010, Strasbourg, France 2010

Structural changes in chemically deposited CdS : effect of thermal annealing

Maticiu, Natalia; Potlog, Tamara; Hiie, Jaan; Mikli, Valdek; Pöldme, Meeme; Raadik, Taavi; Valdna, Vello; Mere, Arvo; Gavrilov, Aleksei; Sergo, V.; Quinci, Frederico; Lugh, Vanni Moldavian journal of the physical sciences 2010 / 3/4, p. 275-279
https://www.researchgate.net/publication/281997353_Structural_changes_in_chemically_deposited_CdS_Effect_of_thermal_annealing

Structural reproducibility of CdTe thin films deposited on different substrates by close space sublimation method

Potlog, Tamara; Spalatu, Nicolae; Maticiu, Natalia; Hiie, Jaan; Valdna, Vello; Mikli, Valdek; Mere, Arvo Physica status solidi (a) : applications and materials science 2012 / p. 272-276 : ill https://ibn.idsi.md/ro/vizualizare_articol/188177

Synthesis and characterization of oxygen doped ZnTe for powder phosphor application

Kang, Z.T.; Menkara, H.; Wagner, B.K.; Summers, C.J.; Valdna, Vello JMR 2005 / p. 2510-2515

(ZnCd)S and Zn(SeTe) downconverting phosphors

Valdna, Vello; Hiie, Jaan; Mellikov, Enn; Mere, Arvo Abstracts of 17th Nordic Semiconductor Meeting, June 17-20, 1996, Trondheim, Norway 1996 / p. 69

(ZnCd)S, (ZnCd)Se and Zn(Se, Te) downconverting phosphors

Valdna, Vello; Hiie, Jaan; Mellikov, Enn; Mere, Arvo Physica scripta 1997 / p. 319

ZnCdSeTe radiation detectors

Valdna, Vello; Hiie, Jaan; Strandberg, Marek; Traksmaa, Rainer; Viljus, Mart Optoelectronic Devices : Physics, Fabrication and Application. III 2006 / [6] p https://www.researchgate.net/publication/253057744_ZnCdSeTe_radiation_detectors

ZnCdSeTe semiconductor compounds : preparation and properties

Valdna, Vello; Grossberg, Maarja; Hiie, Jaan; Kallavus, Urve; Mikli, Valdek; Raadik, Taavi; Traksmaa, Rainer; Viljus, Mart MRS proceedings 2011 / p. u07-15 <https://www.cambridge.org/core/journals/mrs-online-proceedings-library-archive/article/abs/zncdsete-semiconductor-compounds-preparation-and-properties/49279438DA7FE99A846F54C38F77A46D>

ZnSe1-xTex solid solutions

Valdna, Vello; Hiie, Jaan; Kallavus, Urve; Mere, Arvo; Piibe, Toomas Journal of crystal growth 1996 / p. 177-180: ill

Teadlaste saavutused raha meelevala all

Valdna, Vello Postimees 2005 / 19. jaan., lk. 15

Teadlaste töömailt : Eesti teadlaste tulemuslikkusest

Valdna, Vello Linnaleht 2006 / 20. jaan., lk. 8

Teadus ja poliitika, ehk, Kes päästavad maailma : [vajadusest tutvustada ajakirjanduses TTÜ materjaliteadlasi ja nende saavutusi]

Valdna, Vello Mente et Manu 2006 / 26. apr., lk. 2 https://www.ester.ee/record=b1242496*est

Teaduspreemia tehnikateaduste alal töö "Pooljuhtmaterjalid päikeseenergeetikale ja optoelektronikale" eest

Mellikov, Enn; Altosaar, Mare; Krunks, Malle; Krustok, Jüri; Valdna, Vello Eesti Vabariigi teaduspreemiad 1998 1998 / lk. 32-39: fotod

Thermal analysis of CdTe : CdCl₂ : O₂ annealing process

Hiie, Jaan; Valdna, Vello Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume II 2002 / p. 1240-1242 : ill

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

Tõkked teaduse ees

Valdna, Vello Postimees 2002 / 4. okt., lk. 9 <https://arvamus.postimees.ee/1969545/tokked-teaduse-ees>

Uuenduslikud teadusmullid

Valdna, Vello Linnaleht 2006 / 10. veebr., lk. 8

Измерительный модулятор на фоторезисторах

Valdna, Vello; Rätsep, Ülo; Jaakson, A. Республиканская научно-техническая конференция, посвященная Дню радио : тезисы докладов 1973 / с. 32 https://www.ester.ee/record=b1383925*est

Малогабаритные приемники излучения

Altosaar, Mare; Valdna, Vello; Varvas, Jüri; Hiie, Jaan "Фотометрические измерения и их метрологическое обеспечение", 1. всесоюзная научно-техническая конференция : тезисы докладов 1974 / с. 9 https://www.ester.ee/record=b3927829*est

Нестабильность и старение поликристаллических CdS и CdSe фоторезисторов

Valdna, Vello; Altosaar, Mare; Varvas, Jüri Полупроводниковые материалы. 2 1972 / с. 97-108 : илл
https://www.ester.ee/record=b1476073*est <https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

О влиянии толщины рабочего слоя на фотопроводимость фоторезисторов

Valdna, Vello Полупроводниковые материалы. 2 1972 / с. 121-124 : илл https://www.ester.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

О причинах разброса параметров таблеточных фоторезисторов из селенида кадмия

Altosaar, Mare; Valdna, Vello Физическая химия соединений АИВВИ 1981 / с. 19-26 : илл https://www.ester.ee/record=b1533413*est
<https://digikogu.taltech.ee/et/Item/dceb76ed-f60b-4ce9-b87e-618a41d25bb8>

О работе таблеточных фоторезисторов в кремнийорганической жидкости

Valdna, Vello Физическая химия соединений АИВВИ 1981 / с. 27-34 : илл https://www.ester.ee/record=b1533413*est

<https://digikogu.taltech.ee/et/Item/dceb76ed-f60b-4ce9-b87e-618a41d25bb8>

О стабилизации селенисто-кадмиевых фоторезисторов

Valdna, Vello; Türn, Leo Полупроводниковые материалы. 2 1972 / с. 109-111 : илл https://www.ester.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

О старении электролюминесцентных диодов

Valdna, Vello; Varvas, Jüri Полупроводниковые материалы. 2 1972 / с. 113-116 : илл https://www.ester.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

Об увеличении мощности рассеяния оптоэлектронного ключа

Valdna, Vello; Varvas, Jüri Полупроводниковые материалы. 2 1972 / с. 117-120 : илл https://www.ester.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

Оптроны с жидкостным каналом

Valdna, Vello; Varvas, Jüri Физика, химия и технические применения полупроводников A2B6 : тезисы докладов IV всесоюзного совещания (Одесса, 16-19 ноября 1976 г.) 1976 / с. 43-44 https://www.ester.ee/record=b2969209*est

Особенности легирования монокристаллического селенида кадмия хлором и медью

Hiie, Jaan; Mellikov, Enn; Krunk, Malle; Altosaar, Mare; Valdna, Vello; Varvas, Jüri Третья Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 20-22 окт. 1975 г. : Тезисы докладов 1975 / с. 112

Особенности легирования фоторезисторов из селенида кадмия медью и серебром

Valdna, Vello; Mädaßon, Jaan; Türn, Leo Физическая химия соединений A^{II}/B^{III}/V^{III} 1987 / с. 32-39

Повышение быстродействия фотомодулятора за счет оптимизации засветки фоторезисторов

Valdna, Vello; Zaitsev, J.S.; Komarova, T.V.; Švetsov, G.A.; Šternov, A.A. Техника средств связи. Серия: "Радиоизмерительная техника" : научно-технический сборник 1987 / с. 16-19 : илл

Полупроводниковые материалы

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

Рентгеноприемники на основе AlIBVI с использованием переизлучающих люминофоров

Altosaar, Mare; Varema, Tiit; Valdna, Vello; Mellikov, Enn Электронные материалы 1989 / с. 51-57

Фотодешифратор для цифрового индикатора

Valdna, Vello; Pilv, M. Республиканская научно-техническая конференция, посвященная Дню радио : тезисы докладов 1973 / с. 32-33 https://www.ester.ee/record=b1383925*est

Фотопроводники для оптоэлектроники

Valdna, Vello; Varvas, Jüri; Hiie, Jaan Республиканская научно-техническая конференция, посвященная Дню радио : тезисы докладов 1973 / с. 31 https://www.ester.ee/record=b1383925*est

Фотоэлектрические свойства твердых растворов селенотеллуридов кадмия

Valdna, Vello; Voronin, A.I.; Mere, Arvo Tallinna Tehnikaülikooli Toimetised 1990 / lk. 30-39: ill