

Anion effect of zinc source to chemically deposited ZnS(O,OH) films

Ernits, Kaia; Muska, Katri; Danilson, Mati; Raudoja, Jaan; Varema, Tiit; Volobujeva, Olga; Altosaar, Mare Advances in material science and engineering 2009 / [5] p. : ill

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

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

CdS monograin layers as detector of visible and X-rays

Hiie, Jaan; Iljina, Natalja; Kukk, Peeter-Enn; Mellikov, Enn; Varema, Tiit 9th International Symposium of the Technical Committee on Photon-Detectors ; Visegrad, 9 - 12 september 1980 1980 / p. 8-9

Chemical bath deposition of ZnS films using different Zn-salts

Ernits, Kaia; Muska, Katri; Kauk, Marit; Danilson, Mati; Raudoja, Jaan; Varema, Tiit; Volobujeva, Olga; Altosaar, Mare Physics procedia : EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009 2009 / p. BP4-10

Comparison of CdS films deposited from chemical baths containing different doping impurities

Altosaar, Mare; Ernits, Kaia; Krustok, Jüri; Varema, Tiit; Raudoja, Jaan; Mellikov, Enn Thin solid films 2005 / p. 147-150 : ill

Composition and structure of CuInS₂ films prepared by spray pyrolysis

Krunks, Malle; Mikli, Valdek; Bijakina, Olga; Rebane, Helen; Mere, Arvo; Varema, Tiit; Mellikov, Enn Thin solid films 2000 / p. 61-64 : ill

Composition and structure of CuInS₂ films prepared by spray pyrolysis

Krunks, Malle; Mikli, Valdek; Bijakina, Olga; Rebane, Helen; Mere, Arvo; Varema, Tiit; Mellikov, Enn EMRS Spring Meeting : Strasbourg, June 1-4, 1999 : book of abstracts 1999 / p. O-13 <https://www.sciencedirect.com/science/article/abs/pii/S0040609099008354>

CZTS monograin powders and thin films

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

Cu₂ZnSnSe₄ monograin powders for solar cell application [Electronic resource]

Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Danilson, Mati; Grossberg, Maarja; Krunks, Malle; Varema, Tiit; Mellikov, Enn 2006 IEEE 4th World Conference on Photovoltaic Energy Conversion - WCPEC 2006 / [CD-ROM]

Cu₂(Zn_xSn_{2-x})(SySe_{1-y})₄ monograin materials for photovoltaics

Mellikov, Enn; Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Volobujeva, Olga; Kauk, Marit; Krustok, Jüri; Varema, Tiit; Grossberg, Maarja; Danilson, Mati; Muska, Katri; Ernits, Kaia; Lehner, Franz; Meissner, Dieter Materials Challenges in Alternative and Renewable Energy: a collection of papers presented at the Materials Challenges in Alternative and Renewable Energy Conference February 21-24, 2010, Cocoa Beach, Florida 2011 / p. 137-142 : ill

Cu(In,Ga)Se₂ monograin powders with different Ga content for solar cells

Timmo, Kristi; Kauk-Kuusik, Marit; Pilvet, Maris; Altosaar, Mare; Grossberg, Maarja; Danilson, Mati; Kaupmees, Reelika; Mikli, Valdek; Raudoja, Jaan; Varema, Tiit Solar energy 2018 / p. 648-655 : ill <https://doi.org/10.1016/j.solener.2018.10.078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CuInS₂ õhukesed kiled fotoelementidele pihustus-pürolüüsi meetodil

Krunks, Malle; Bijakina, Olga; Varema, Tiit; Mere, Arvo; Mikli, Valdek XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 60-61

CuInSe₂ preparation through a new solution based selenisation process

Kauk, Marit; Altosaar, Mare; Grossberg, Maarja; Varema, Tiit 17th International Photovoltaic Science and Engineering Conference : Fukuoka, Japan, 3-7.12.2007 2007

Effects of sulphur and tin disulphide vapour treatments of Cu₂ZnSnS₄(Se)₄ absorber materials for monograin solar cells

Kauk, Marit; Muska, Katri; Altosaar, Mare; Raudoja, Jaan; Pilvet, Maris; Varema, Tiit; Timmo, Kristi; Volobujeva, Olga Energy procedia 2011 / p. 197-202 <https://www.sciencedirect.com/science/article/pii/S1876610211020030>

Formation and properties of chemically sprayed ZnO films

Krunks, Malle; Mellikov, Enn; Bijakina, Olga; **Varema, Tiit;** Meissner, Dieter International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 193

Formation and properties of chemically sprayed ZnO films

Krunks, Malle; Mellikov, Enn; Bijakina, Olga; Varema, Tiit; Meissner, Dieter Optical organic and semiconductor inorganic

Formation and recrystallization of CuInS₂ films in spray pyrolytic process

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Varema, Tiit 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 33

Formation of Cu₂ZnSnSe₄ thin films by selenization of electrodeposited stacked binary alloy layers

Ganchev, Maxim; Kaupmees, Liina; Iljina, Julia; Raudoja, Jaan; Altosaar, Mare; Volobujeva, Olga; Mellikov, Enn; Varema, Tiit; Dikov, H. Proceedings of EMRS, Strasbourg, June 2009 2009 / ? p
https://www.researchgate.net/publication/248608013_Formation_of_Cu2ZnSnSe4_thin_films_by_selenization_of_electrodeposited_stacked_binary_alloy_layers

Formation of Cu₂ZnSnSe₄ thin films by selenization of electrodeposited stacked binary alloy layers

Ganchev, Maxim; Kaupmees, Liina; Iljina, Julia; Raudoja, Jaan; Volobujeva, Olga; Dikov, H.; Altosaar, Mare; Mellikov, Enn; Varema, Tiit Energy procedia 2010 / 1, p. 65-70 : ill
https://www.researchgate.net/publication/248608013_Formation_of_Cu2ZnSnSe4_thin_films_by_selenization_of_electrodeposited_stacked_binary_alloy_layers

Formation of CuInS₂ thin films by chemical spray pyrolysis

Krunks, Malle; Bijakina, Olga; Mellikov, Enn; Varema, Tiit Ternary and Multinary Compounds : proceedings of the 11th International Conference on Ternary and Multinary Compounds, ICTMC-11, University of Salford, 8-12 September 1997 1998 / p. 325-328: ill

Formation of CuInS₂ thin films by chemical spray pyrolysis

Krunks, Malle; Bijakina, Olga; Mellikov, Enn; Varema, Tiit Book of Abstracts of the 11th International Conference on Ternary & Multinary Compounds, 8-12 September 1997, Salford, England 1997 / p. 2.28

Further developments in CIS monograin layer solar cells technology

Altosaar, Mare; Danilson, Mati; Kauk, Marit; Krustok, Jüri; Mellikov, Enn; Raudoja, Jaan; Timmo, Kristi; Varema, Tiit Solar energy materials and solar cells 2005 / p. 25-32 : ill

Growth and recrystallization of CuInS₂ films in spray pyrolytic process

Krunks, Malle; Mikli, Valdek; Bijakina, Olga; Varema, Tiit; Mellikov, Enn Ninth International Conference on Solid Films and Surfaces : ICSFS-9 : July 6th - 10th, 1998, Copenhagen, Denmark : final program & the book of abstracts 1998 / p. P1.CG.13
<https://ui.adsabs.harvard.edu/abs/1999ApSS..142..356K/abstract>

High efficient photovoltaics in Estonia

Altosaar, Mare; Bereznev, Sergei; Kauk, Marit; Krunks, Malle; Krustok, Jüri; Mellikov, Enn; Raudoja, Jaan; Varema, Tiit Proc. 3rd Workshop held at JRC Ispra, 2-3 Oct. 2003 2004 / p. 179-190

High photosensitivity monograin materials and devices

Mellikov, Enn; Hiie, Jaan; Varema, Tiit Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 22

High-temperature conductivity relaxation in undoped CdS and CdSe single crystals

Kukk, Peeter-Enn; Varema, Tiit Journal of solid state chemistry 1982 / p. 320-326 https://www.ester.ee/record=b1453846*est

Impact of Cu₂ZnSn(SexS_{1-x})₄ (x=0.3) compositional ratios on the monograin powder properties and solar cells

Muska, Katri; Kauk-Kuusik, Marit; Grossberg, Maarja; Altosaar, Mare; Pilvet, Maris; Varema, Tiit; Timmo, Kristi; Volobujeva, Olga; Mere, Arvo Thin solid films 2013 / p. 35-38 : ill <https://doi.org/10.1016/j.tsf.2012.10.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Keemiliselt sadestatud CdS-i plasmasöövituselise mõju CuInSe₂/CdS fotoelemendi väljundparameetritele

Pilvet, Maris; Varema, Tiit XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 86

Large area low cost single crystalline photovoltaic and photoelectrochemical devices

Varema, Tiit; Altosaar, Mare; Deppe, M.; Wirts, C.; Deppe, J.; Hiesgen, Renate; **Mellikov, Enn;** Meissner, Dieter Baltic Conference on Interfacial Electrochemistry, June 14-18, 1996, Tartu : extended abstracts 1996 / p. 243-245: ill

Materials and technologies for photovoltaic applications from Estonia

Mellikov, Enn; Altosaar, Mare; Bereznev, Sergei; Kauk, Marit; Kois, Julia; Krustok, Jüri; Krunks, Malle; Varema, Tiit Proceedings of SPIE 2005 / Optical materials and applications, p. 59460X-1 - 59460X-9 : ill https://www.researchgate.net/profile/Mare-Altosaar/publication/252219854_Materials_and_technologies_for_photovoltaic_applications_from_Estonia/links/54e5e6520cf2cd2e028b39ca/Materials-and-technologies-for-photovoltaic-applications-from-Estonia.pdf

Materials and technologies for photovoltaic applications from Estonia

Mellikov, Enn; Altosaar, Mare; Kauk, Marit; Krustok, Jüri; Krunks, Malle; Varema, Tiit The Fourth International Conference on

Monograin layer solar cells

Altosaar, Mare; Jagomägi, Andri; Kauk, Marit; Krunks, Malle; Krustok, Jüri; Mellikov, Enn; Raudoja, Jaan; Varema, Tiit E-MRS Spring Meeting 2002 : June 18-21, 2002. Symposium B, Thin Film Chalcogenide Photovoltaic Materials 2002 / p. B-29

Monograin layer solar cells

Altosaar, Mare; Jagomägi, Andri; Kauk, Marit; Krunks, Malle; Krustok, Jüri; Mellikov, Enn; Raudoja, Jaan; Varema, Tiit Thin solid films 2003 / p. 466-469 : ill

Monograin layers and membranes for photovoltaic

Mellikov, Enn; Altosaar, Mare; Varema, Tiit; Deppe, M.; Wirts, C.; Deppe, J.; Hiesgen, Renate; Meissner, Dieter 25th IEEE Photovoltaic Specialists Conference, Washington, 1996 1996 / p. 212
https://www.researchgate.net/publication/224197383_Monograin_layers_and_membranes_for_photovoltaics

Monograin layers as optoelectronic devices

Mellikov, Enn; Meissner, Dieter; Varema, Tiit; Hiie, Jaan; Altosaar, Mare International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 171

Monograin layers as optoelectronic devices

Mellikov, Enn; Meissner, Dieter; Varema, Tiit; Hiie, Jaan; Altosaar, Mare Optical inorganic dielectric materials and devices 1997 / p. 214-219

Monograin powders and layers for photovoltaic application

Altosaar, Mare; Hiie, Jaan; Mellikov, Enn; Meissner, Dieter; Varema, Tiit Abstracts of MRS Spring Meeting, San Francisco, 1996 1996 / p. 169

Monokornmembran-Elektroden : grossflächige Einkristallelektroden aus Halbleiterpulvern

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

Novel Cu₂CdSnS₄ and Cu₂ZnGeSe₄ absorber materials for monograin layer solar cell application

Timmo, Kristi; Kauk-Kuusik, Marit; Altosaar, Mare; Raudoja, Jaan; Raadik, Taavi; Grossberg, Maarja; Varema, Tiit; Pilvet, Maris; Leinemann, Inga; Volobujeva, Olga; Mellikov, Enn EU PVSEC proceedings 2013 / p. 2385-2388 : ill

Photoelectrochemistry of CdSexTe1-x

Wirts, C.; **Altosaar, Mare; Krunks, Malle; Varema, Tiit; Mellikov, Enn; Meissner, Dieter** Proceedings of International Conference QUANTSOL'99 : Wildhaus, Switzerland, 1999 1999 / p. 15-18

Post-growth annealing effect on the performance of Cu₂ZnSnSe₄ monograin layer solar cells

Kauk-Kuusik, Marit; Altosaar, Mare; Muska, Katri; Pilvet, Maris; Raudoja, Jaan; Timmo, Kristi; Varema, Tiit; Grossberg, Maarja; Mellikov, Enn; Volobujeva, Olga Thin solid films 2013 / p. 18-21 : ill <https://doi.org/10.1016/j.tsf.2012.11.075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Päikeseenergeetika materjalid

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

Päikeseenergeetika materjalide alased uuringud Tallinna Tehnikaülikoolis

Mellikov, Enn; Altosaar, Mare; Varema, Tiit; Krunks, Malle Taastuvate energiaallikate uurimine ja kasutamine : esimese konverentsi kogumik : [4. november 1999, Tartu] = Investigation and Usage of Renewable Energy Sources : first conference proceedings : [4 November 1999, Tartu] 2000 / lk. 26-31

Regular monograin layers as optical sensors in robotics

Lukjantšikova, N.; **Mellikov, Enn; Hiie, Jaan; Varema, Tiit; Iljina, Natalja; Kukk, Peeter-Enn** 11th International Symposium on Photon-Detectors, Weimar, September, 11-13, 1984 1984 / S. 27

Research in solar cell technologies at Tallinn University of Technology

Mellikov, Enn; Altosaar, Mare; Krunks, Malle; Krustok, Jüri; Varema, Tiit; Volobujeva, Olga; Grossberg, Maarja; Kaupmees, Liina; Dedova, Tatjana; Timmo, Kristi; Ernits, Kaia; Kois, Julia; Oja Acik, Ilona; Danilson, Mati; Bereznev, Sergei Thin solid films 2008 / 20, p. 7125-7134 : ill

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

Laes, Kristjan; Bereznev, Sergei; Tverjanovich, Andrey; Borisov, Evgeny N.; Varema, Tiit; Volobujeva, Olga; Öpik, Andres Thin

Sprayed CuInS₂ films grown under Cu-rich conditions as absorbers for solar cells

Krunks, Malle; Kijatkina, Olga; Mere, Arvo; Varema, Tiit; Oja, Ilona; Mikli, Valdek Solar energy materials & solar cells 2005 / p. 207-214 : ill

Sprayed CuInS₂ thin films for solar cells : the effect of solution composition and post-deposition treatments

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Rebane, Helen; Varema, Tiit; Altosaar, Mare; Mellikov, Enn Solar cells and solar cell materials 2001 / 1, p. 93-98

Sprayed CuInS₂ thin films for solar cells : the effect of solution composition and post-deposition treatments

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Rebane, Helen; Varema, Tiit; Altosaar, Mare; Mellikov, Enn 11th International Photovoltaic Science and Engineering Conference : Sept. 20-24/1999, Hokkaido, Japan : technical digest 1999 / p. 845-846: ill
<https://www.sciencedirect.com/science/article/pii/S0927024800003810>

Structural and optical properties of sprayed CuInS₂ films

Krunks, Malle; Bijakina, Olga; Varema, Tiit; Mikli, Valdek; Mellikov, Enn Thin solid films 1999 / p. 125-130: ill

Study of CZTS nano-powder synthesis by hot injection method by variation of Cu and Zn concentrations

Kumar, Suresh; Kumar, Vikash; Mikli, Valdek; Varema, Tiit; Altosaar, Mare; Grossberg, Maarja Energy procedia 2016 / p. 136-143 : ill <https://doi.org/10.1016/j.egypro.2016.11.328> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Sulfur-containing Cu₂ZnSnSe₄ monograin powders for solar cells

Timmo, Kristi; Altosaar, Mare; Raudoja, Jaan; Muska, Katri; Pilvet, Maris; Kauk, Marit; Varema, Tiit; Danilson, Mati; Volobujeva, Olga; Mellikov, Enn Solar energy materials & solar cells 2010 / 11, p. 1889-1892 : ill

Surface degreasing and activation as important factors for Cu electroplating on ITO substrates

Altosaar, Mare; Varema, Tiit; Mellikov, Enn Integrity, Relability, Failure 1999 : July 19-22, Porto, Portugal : book of abstracts 1999 / p. 234-235

Surface degreasing and activation as important factors for Cu electroplating on ITO substrates

Altosaar, Mare; Varema, Tiit; Mellikov, Enn Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 233-235 : ill

Synthesis of powder semiconducting materials with monocrystalline grain structure

Mellikov, Enn; Hiie, Jaan; Varema, Tiit The First European East-West Symposium on Materials and Processes : abstracts 1990

Synthesis of semiconducting materials monocrystalline grain structure

Mellikov, Enn; Hiie, Jaan; Varema, Tiit Journal of materials and product. technology 1991 / 6

Zinc oxide thin films by spray pyrolysis

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Varema, Tiit; Mellikov, Enn 18th Nordic Semiconductor Meeting, Linköping, June 7-10, 1998 : abstracts 1998 / p. H-106

Zinc oxide thin films by spray pyrolysis method

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Varema, Tiit; Mellikov, Enn Physica scripta 1999 / Proceedings of 18th Nordic Semiconductor Meeting, Linköping, Sweden, June 7-10, 1998, ISBN 91-87308-71-1, p. 209-212: ill

Zinc oxide thin films by spray pyrolysis method for solar cells

Krunks, Malle; Varema, Tiit; Meissner, Dieter Tallinna Tehnikaülikooli Toimetised 1994 / lk. 101-113: ill

ZnO grown by chemical solution deposition

Kauk, Marit; Muska, Katri; Altosaar, Mare; Danilson, Mati; Öunpuu, K.; Varema, Tiit; Volobujeva, Olga 35th IEEE Photovoltaic Specialists Conference : Honolulu, HI, June 20-25, 2010 : conference proceedings 2010 / p. 002452-002456 : ill
<https://ieeexplore.ieee.org/document/5614047>

Tailoring II/VI semiconductor materials properties to photoelectrochemical requirements

Wirts, C.; Altosaar, Mare; Varema, Tiit; Mellikov, Enn; Meissner, Dieter Tenth Int. Conf. on Photochemical Conversion and Storage of Solar Energy, (IPS-10) : book of abstracts. Interlaken, 1995 1995

Tailoring II/VI semiconductor materials properties to photoelectrochemical requirements

Wirts, C.; Altosaar, Mare; Varema, Tiit; Mellikov, Enn; Meissner, Dieter 10th International Conference on Photochemical Conversion and Storage of Solar Energy (IPS-10) : book of abstracts, Interlaken, Switzerland, 1994 1994 / p. 387-388

Tailoring the composition and properties of CuInSe₂ materials for solar cell application

Kauk, Marit; Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Grossberg, Maarja; Varema, Tiit; Ernits, Kaia Proceedings of SPIE 2005 / Optical materials and applications, p. 224

Technology of CdTe monograin powders

Altosaar, Mare; Hiie, Jaan; Mellikov, Enn; Varema, Tiit; Kukk, Peeter-Enn; Meissner, Dieter Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 89-97: ill

Temperature dependent current transport properties in $\text{Cu}_2\text{ZnSnS}_4$ solar cells

Danilson, Mati; Kask, Erkki; Pokharel, Nikhil; Grossberg, Maarja; Kauk-Kuusik, Marit; Varema, Tiit; Krustok, Jüri Thin solid films 2015 / p. 162-165 : ill <https://doi.org/10.1016/j.tsf.2014.10.069> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The effect of sodium doping to CuInSe_2 monograin powder properties

Timmo, Kristi; Altosaar, Mare; Raudoja, Jaan; Mellikov, Enn; Varema, Tiit; Danilson, Mati; Grossberg, Maarja Thin solid films 2007 / 15, p. 5887-5890

The influence of doping with donor type impurities on the properties of CuInSe_2

Kauk, Marit; Altosaar, Mare; Raudoja, Jaan; Timmo, Kristi; Varema, Tiit; Danilson, Mati; Grossberg, Maarja; Mellikov, Enn Physica status solidi (c) 2008 / 2, p. 609-611 : ill <https://onlinelibrary.wiley.com/doi/abs/10.1002/pssc.200776831>

The performance of CuInSe_2 monograin layer solar cells with variable indium content

Kauk, Marit; Altosaar, Mare; Raudoja, Jaan; Jagomägi, Andri; Danilson, Mati; Varema, Tiit Thin solid films 2007 / 15, p. 5880-5883

Ühendpooljuhtmaterjalide õhukesed kiled keemilise pihustamise meetodil = Thin films of compound semiconductor materials by chemical spray pyrolysis

Krunks, Malle; Mellikov, Enn; Varema, Tiit; Bijakina, Olga; Niinistö, L. XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 87-88 https://www.ester.ee/record=b1070511*est

Бесконтактное определение числа оборотов двигателей внутреннего сгорания

Varema, Tiit; Korsen, Viljo 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. 25 https://www.ester.ee/record=b1379483*est

Высокотемпературная проводимость сульфида кадмия

Kukk, Peeter-Enn; Varema, Tiit; Voogne, Maie; Aarna, Heiti; Altosaar, Mare; Erm, Ants Всесоюзное совещание "Реальная структура неорганических жаростойких и жаропрочных материалов, 9-12 октября 1979 : тезисы докладов 1979 / с. 328-329

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

Дефекты в примесном сульфиде кадмия

Erm, Ants; Varema, Tiit; Altosaar, Mare; Kukk, Peeter-Enn Четвертая Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 16-18 окт. 1979 г. : тезисы докладов 1979 / с. 177

Затяжная релаксация высокотемпературной проводимости сульфида и селенида кадмия

Kukk, Peeter-Enn; Varema, Tiit; Erm, Ants Журнал неорганической химии 1980 / с. 2587-2589 : илл https://www.ester.ee/record=b1443384*est

Исследование возможности создания многоканального фотоприемника на основе узкодисперсного порошка сульфида кадмия

Lukjantšikova, N.; Mellikov, Enn; Nikitin, A.; Hiie, Jaan; Iljina, Natalja; Varema, Tiit; Dehtjaruk, N.; Jevdokimov, O.; Kukk, Peeter-Enn Полупроводниковые гетеропереходы : тезисы докладов II республиканской конференции, Эльва 24-26 ноября 1982 г. 1982 / с. 31 https://www.ester.ee/record=b1304403*est

Кинетика квазихимических реакций в полупроводниках типа A2B6

Kukk, Peeter-Enn; Rändur, Õie; Palmre, Õie; Varema, Tiit; Altosaar, Mare Тезисы докладов 2го Всесоюзного совещания по химии твердого тела. Ч. 2 1978 / с. 29

Кинетика процессов дефектообразования в сульфиде кадмия, легированного медью

Varema, Tiit; Voogne, Maie III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 4 https://www.ester.ee/record=b1280470*est

Малозернистые фотонные датчики

Mellikov, Enn; Varema, Tiit; Hiie, Jaan; Altosaar, Mare Труды Координационного совещания социалистических стран по физическим проблемам оптоэлектроники ("Оптоэлектроника-89"), 16-20 октября 1989 г. 1989 / с. 44

Микрофотодетекторы на основе зерен узкодисперсных порошков соединений AIBVI

Lukjantšikova, N.; **Mellikov, Enn; Nikitin, A.; Hiie, Jaan; Iljina, Natalja; Varema, Tiit;** Dehtjaruk, N.; Jevdokimov, O.; **Kukk, Peeter-Enn** 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 1984 / lk. 105-111 : ill.
https://www.ester.ee/record=b1264310*est

Микрофотопреобразователи на базе многозернистого сульфида кадмия

Iljina, Natalja; Varema, Tiit Физическая химия соединений AIBVI 1984 / с. 41-48 : ил https://www.ester.ee/record=b1314940*est
<https://digikogu.taltech.ee/et/Item/b5a40c2b-483d-4f6f-a3dd-9b72e498c226>

Микрофотоприемники на основе зерен узкодисперсных порошков соединений AIBVI

Lukjantšikova, N.; **Mellikov, Enn; Nikitin, A.; Hiie, Jaan; Varema, Tiit; Iljina, Natalja** II республиканская конференция по фотоэлектрическим явлениям в полупроводниках (Одесса, сент. 1982 г.) : тезисы докладов 1982 / с. 164-165
https://www.ester.ee/record=b2965051*est

Микрофотоприемники на основе монокристаллических зерен CdS

Iljina, Natalja; Varema, Tiit 5-я республиканская конференция молодых ученых-химиков : [тезисы докладов] 1983 / с. 237
https://www.ester.ee/record=b1312297*est

Многоканальный фотоприемник на основе узкодисперсного порошка сульфида кадмия

Lukjantšikova, N.; **Mellikov, Enn; Hiie, Jaan; Varema, Tiit; Iljina, Natalja** III Всесоюзное совещание по робототехническим системам : тезисы докладов 1984 / с. 194-195

Монозернистые слои на основе фотопроводящего сульфида кадмия

Hiie, Jaan; Mellikov, Enn; Varema, Tiit; Iljina, Natalja Физическая химия соединений AIBVI 1981 / с. 3-11 : илл
https://www.ester.ee/record=b1533413*est <https://digikogu.taltech.ee/et/Item/dceb76ed-f60b-4ce9-b87e-618a41d25bb8>

Неравновесная высокотемпературная проводимость в легированных медью сульфиде и селениде кадмия

Kukk, Peeter-Enn; Varema, Tiit Свойства и технология изготовления износостойких материалов 1980 / с. 65-75 : илл
https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>

Новые приемники излучения на основе монозернистых слоев

Varema, Tiit; Hiie, Jaan; Mellikov, Enn 2-я Всесоюзная научно-техническая конференция "Фотометрия и ее метрологическое обеспечение". 30 ноября - 3 дек. 1976 г. : тезисы докладов 1976 / с. 176

Новые фоторезисторы на основе монозернистых слоев из CdS и CdSe

Varema, Tiit; Mellikov, Enn; Hiie, Jaan Физика, химия и технические применения полупроводников A2B6 : тезисы докладов IV всесоюзного совещания (Одесса, 16-19 ноября 1976 г.) 1976 / с. 45-46 https://www.ester.ee/record=b2969209*est

Отжиг дефектов в сульфиде кадмия

Varema, Tiit II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 : тезисы докладов. Часть 2 1977 / с. 107-108 https://www.ester.ee/record=b1308855*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

Процессы образования центров свечения в сульфиде кадмия

Kukk, Peeter-Enn; Erm, Ants; Altosaar, Mare; Varema, Tiit XXVII Всесоюзное совещание по люминесценции (кристаллофосфоры) : Эзерниеки (Латвийская ССР), 13-16 мая 1980 г. : тезисы докладов 1980 / с. 199
https://www.ester.ee/record=b1677311*est

Разгарание и тушение полос люминесценции в сульфиде кадмия

Erm, Ants; Varema, Tiit Современные проблемы физической химии : Всесоюзная конференция молодых ученых, Москва, 17-20 нояб. 1980 г. : Тезисы докладов 1980 / с. 134

Релаксация высокотемпературной проводимости в легированных монокристаллах сульфида и селенида кадмия

Varema, Tiit IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 104-105
https://www.ester.ee/record=b1309986*est

Релаксация высокотемпературной проводимости в сульфиде и селениде кадмия : автореферат ... кандидата химических наук

Varema, Tiit 1980 https://www.ester.ee/record=b1527341*est

Рентгеноприемники на основе AlIBVI с использованием переизлучающих люминофоров
Altosaar, Mare; Varema, Tiit; Valdna, Vello; Mellikov, Enn Электронные материалы 1989 / с. 51-57

Создание регулярных монокристаллических слоев

Varema, Tiit; Iljina, Natalja IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 110-111
https://www.ester.ee/record=b1309986*est

Фотопреобразователи CdS - CU₂S на основе пульверизованных пленок

Varema, Tiit; Iljina, Natalja; Krunks, Malle; Terasmaa, P.; Mellikov, Enn; Karpenko, I.V. Полупроводники и гетеропереходы : сборник статей 1987 / с. 43-46 : ил https://www.ester.ee/record=b1262177*est

Фотопреобразователи CdS-Cu₂S на основе пульверизованных пленок

Krunks, Malle; Mellikov, Enn; Sork, Eeve; Varema, Tiit Материалы «IX Международного совещания по фотоэлектрическим и оптическим явлениям в твердых телах» Варна, Болгария 1989 / с. 36-37

Фотопроводящие монокристаллические слои для электролюминесцентных преобразователей и дозиметрии рентгеновских и гамма-лучей

Varema, Tiit; Mellikov, Enn; Hiie, Jaan Тезисы докладов II Всесоюзного симпозиума по люминесцентным приемникам и преобразователям рентгеновского излучения, Рига, 5-7 октября 1976 г. 1976 / с. 131-132
https://www.ester.ee/record=b4436883*est

Химическая диффузия кадмия в сульфиде и селениде кадмия

Kukk, Peeter-Enn; Varema, Tiit; Erm, Ants Свойства и технология изготовления износостойких материалов 1980 / с. 57-64 : ил https://www.ester.ee/record=b1276393*est <https://digikogu.taltech.ee/et/Item/be560987-a637-4f71-93da-1a9ee9705512>