Activation of photoconductivity in A2B6 powders
Altosaar, Mare; **Mädasson, Jaan**; **Mellikov, Enn**; **Hiie, Jaan**; **Mädasson, Jaan vt.ka Raudoja, Jaan** Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 21

Annealing effect for SnS thin films prepared by high-vacuum evaporation
Revathi, Naidu; **Bereznev, Sergei**; **Loorits, Mihkel**; **Raudoja, Jaan**; **Lehner, Julia**; **Gurevitš, Jelena**; **Traksmaa, Rainer**; **Mikli, Valdek**; **Mellikov, Enn**; **Volobujeva, Olga** Journal of vacuum science & technology A 2014 / p. 061506-1 - 061506-6 : ill https://doi.org/10.1116/1.4896334 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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 Commitee on Photon-Detectors ; Visegrad, 9 - 12 september 1980 1980 / p. 8-9

CdSe nanofiber and nanohorn structures on ITO substrates fabricated by electrochemical deposition
Kois, Julia; **Gurevitš, Jelena**; **Bereznev, Sergei**; **Volobujeva, Olga**; **Öpik, Andres**; **Mellikov, Enn** Applied surface science 2013 / p. 982-985 : ill https://doi.org/10.1016/j.apsusc.2013.07.056 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chair of Semiconductor Materials Technology : activity report 1988-1993
1994 https://www.ester.ee/record=b1065473*est

Characterisation of ultrasonically sprayed InxSy buffer-layers for Cu(In,Ga)Se2 solar cells
Ernits, Kaia; Bremaud, D.; **Mellikov, Enn** Thin solid films 2007 / 15, p. 6051-6054
https://www.sciencedirect.com/science/article/abs/pii/S0040609006016178

Characterization of Cu2ZnSnSe4 monograin layer solar cells
Altosaar, Mare; **Timmo, Kristi**; **Danilson, Mati**; **Raudoja, Jaan**; **Mellikov, Enn** Proceedings of the International Conference on Solar Cells : IC-SOLACE 2008 : January 21-23, 2008, Cochin, India 2008 / p. 103-105 : ill

Characterization of polysaccharide gels by gradient NMR and microscopy methods : a comparative study
Tuvikene, Rando; Matsukawa, Shingo; Ogawa, Hiroo; Robal, Marju; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn** IUPAC International Congress on Analytical Sciences 2011 : 22-26 May 2011, Kyoto, Japan 2011 / p. 23P195

Chemical bath deposition of SnS thin films from the solutions with different concentrations of tin and sulphur
Safonova, Maria; **Mellikov, Enn**; **Mikli, Valdek**; **Kerm, Karin**; **Naidu, Revathi**; **Volobujeva, Olga** Inter Academia 2014 - Global Research and Education 2015 / p. 183-186 : ill http://dx.doi.org/10.4028/www.scientific.net/AMR.1117.183

Chemical bath deposition of SnS thin films on ZnS and CdS substrates
Safonova, Maria; Nair, Padmanabhan Pankajakshy Karunakaran; **Mellikov, Enn**; Garcia, A. R.; **Kerm, Karin**; **Revathi, Naidu**; Romann, Tavo; **Mikli, Valdek**; **Volobujeva, Olga** Journal of materials science : materials in electronics 2014 / p. 3160-3165 : ill https://doi.org/10.1007/s10854-014-1998-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Chemical etching of Cu2ZnSn(S,Se)4 monograin powder
Timmo, Kristi; **Altosaar, Mare**; **Raudoja, Jaan**; **Grossberg, Maarja**; **Danilson, Mati**; **Volobujeva, Olga**; **Mellikov, Enn** 35th IEEE Photovoltaic Specialists Conference : Honolulu, HI, June 20-25, 2010 : conference proceedings 2010 / p. 1982-1985 : ill

Chemical purity of chemically sprayed thin films
Bijakina, Olga; **Krunks, Malle**; **Mellikov, Enn** EUROMAT 99. Volume 9, Interface controlled materials 2000 / p. 85-89
https://onlinelibrary.wiley.com/doi/abs/10.1002/352760622X.ch14

Chemistry and materials science - high level learning via research and practical training
Meissner, Dieter; **Mellikov, Enn**; **Öpik, Andres**; Burk, Peeter; Lust, Enn 6th Eurovariety in Chemistry Education 2015 : Chemistry Education for Responsible Citizenship and Employability : June, 30-July, 2, 2015, Tartu, Estonia 2015 / p. 43-45

Combined SEM microscopic and spectroscopic study of selenization of thin metallic films
Volobujeva, Olga; **Mellikov, Enn** First Joint Meeting of Dreiländertagung and Multinational Congress on Microscopy. 3, Materials science 2009 / p. 449-450 : ill

.

Comparative study of isothermal grain growth of CdS and CdTe in the presence of halide fluxes
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn** 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. 303-308

Comparative study of isothermal grain growth of CdS and CdTe in the presence of halide fluxes at low temperatures
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn** Abstracts of the International Conference POLYSe'98 : Polycrystalline Semiconductors - Bulk Materials, Thin Films and Devices, 13-18 Sept. 1998, Schwäbisch Gmünd, Germany 1998 / p. O24

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

Conductive polymer PEDOT:PSS back contact for CdTe solar cell
Jarkov, Aleksandr; **Bereznev, Sergei**; **Laes, Kristjan**; **Volobujeva, Olga**; **Traksmaa, Rainer**; **Öpik, Andres**; **Mellikov, Enn** Thin solid films 2011 / p. 7449-7452 : ill

Conductivity conversion in CdTe layers
Valdna, Vello; **Buschmann, Felix**; **Mellikov, Enn** Journal of crystal growth 1996 / p. 164-167: ill

Controlled formation of optoelectronic materials in the form of monograin powders
Mellikov, Enn; **Hiie, Jaan**; **Altosaar, Mare** Abstracts of the 2nd European Conference on Advanced Materials and Processes 1991 / p. 292-293

Copper sulfides by chemical spray pyrolysis process
Krunks, Malle; **Mellikov, Enn**; Bijakina, Olga Abstracts of 17th Nordic Semiconductor Meeting, June 17-20, 1996, Trondheim, Norway 1996 / p. 62-63

Copper sulfides by chemical spray pyrolysis process
Krunks, Malle; **Mellikov, Enn**; **Bijakina, Olga** Physica scripta 1997 / p. 189-192

Cost-effective sprayed CuInS2 films for solar cells
Krunks, Malle; **Kijatkina, Olga**; Blums, J.; **Oja, Ilona**; **Mere, Arvo**; **Mellikov, Enn** Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume II 2002 / p. 1211-1214 : ill

Crucial gel-forming processes of red algal galactans [Electronic resource]
Tuvikene, Rando; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis** World Polymer Congress : 41st International Symposium on Macromolecules : MACRO 2006 : 16-21 July 2006, Rio de Janeiro, Brazil 2006 / [CD-ROM]

CZTS (Cu2ZnSnSe4) crystal growth for use in monograin membrane solar cells
Klavina, Inga; **Raudoja, Jaan**; **Altosaar, Mare**; **Mellikov, Enn**; **Meissner, Dieter**; **Kaljuvee, Tiit** Conference proceedings of the Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, 27-28 May, 2010 2010 / p. VII 345 - VII 353

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

Cu2Zn1-xCdSn(Se1-ySy)4 solid solutions as absorber materials for solar cells
Altosaar, Mare; **Raudoja, Jaan**; **Timmo, Kristi**; **Danilson, Mati**; **Grossberg, Maarja**; **Krustok, Jüri**; **Mellikov, Enn** Physica status solidi (a) : applications and materials science 2008 / 1, p. 167-170 : ill https://colab.ws/articles/10.1002%2Fpssa.200776839

Cu2ZnSnSe4 films by selenization of Sn-Zn-Cu sequential films
Volobujeva, Olga; **Raudoja, Jaan**; **Mellikov, Enn**; **Grossberg, Maarja**; **Bereznev, Sergei**; **Traksmaa, Rainer** Journal of physics and chemistry of solids 2009 / p. 567-570 : ill

Cu2ZnSnSe4 films from binary precursors
Volobujeva, Olga; **Mellikov, Enn**; **Timmo, Kristi**; **Danilson, Mati**; **Bereznev, Sergei** Journal of Renewable and Sustainable Energy 2013 / art. 031618 https://doi.org/10.1063/1.4811242 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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]

Cu2ZnSnSe4 thin films by selenization of stacked binaries
Volobujeva, Olga; **Mellikov, Enn**; **Bereznev, Sergei**; **Raudoja, Jaan**; **Otto, Kairi**; **Pilvet, Maris**; **Raadik, Taavi** E-MRS Spring Meeting 2012 - Symposium B : Strasbourg, France, May 14-18, 2012 : program and abstract book 2012 / p. 20

Cu2ZnSnSe4 thin films produced by selenization of Cu-Zn-Sn composition precursor films
Volobujeva, Olga; **Mellikov, Enn**; **Bereznev, Sergei**; **Raudoja, Jaan**; **Öpik, Andres**; **Raadik, Taavi** Materials Challenges in Alternative and Renewable Energy: a collection of papers presented at the Materials Challenges in Alternative and Renewable Energy Conference February 21-24, 2010, Cocoa Beach, Florida 2011 / p. 257-263

Cu2(ZnxSn2-x)(SySe1-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 and Cu-Zn-Sn films as precursors for production of CuInSe2 and Cu2ZnSnSe4 thin films
Volobujeva, Olga; **Mellikov, Enn**; **Raudoja, Jaan**; **Bereznev, Sergei**; **Pilvet, Maris** Thin-film compound semiconductor photovoltaics - 2009 2009 / p. M05-40

CuInS2 thin films: formation by spray pyrolysis and properties
Krunks, Malle; **Bijakina, Olga**; **Mikli, Valdek**; **Mellikov, Enn** The Fourth Baltic Symposium on Atomic Layer Epitaxy, Tartu, Estonia, October 10-11, 1997 : abstracts 1997 / p. 30

CuInS2/PEDOT photovoltaic structure
Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** Organic and Polymeric Materials and Devices : symposium held April 22-25, 2003, San Francisco, California, USA 2003 / p. 243-248 : ill https://link.springer.com/article/10.1557/PROC-771-L7.17

CuInS2–Poly(3-(ethyl-4-butanoate)thiophene) nanocomposite solar cells : preparation by an in situ formation route, performance and stability issues
Maiera, Eugen; Ratha, Thomas; Haas, Wernfried; Werzer, Oliver; Saf, Robert; Hofer, Ferdinand; Meissner, Dieter; **Volobujeva, Olga**; **Bereznev, Sergei**; **Mellikov, Enn**; Amenitsch, Heinz; Resel, Roland; Trimmel, Gregor Solar energy materials and solar cells 2011 / p. 1354–1361 : ill

CuInSe2 monograin growth in CuSe-Se liquid phase
Altosaar, Mare; **Mellikov, Enn** Japanese journal of applied physics 2000 / p. 65-66

CuInSe2 monograin growth in CuSe-Se liquid phase
Altosaar, Mare; **Mellikov, Enn** Twelfth International Conference on Ternary and Multinary Compounds : March 13-17, 2000 : National Tsing Hua University, Hsinchu, Taiwan : abstract[s] 2000 / p. Th-A4-7 https://iopscience.iop.org/article/10.7567/JJAPS.39S1.65

CuInSe2 monograin growth in the liquid phase of potassium iodide
Timmo, Kristi; **Altosaar, Mare**; **Kauk, Marit**; **Raudoja, Jaan**; **Mellikov, Enn** Thin solid films 2007 / 15, p. 5884-5886 https://www.sciencedirect.com/science/article/pii/S0040609006016385

CuInSe2/polyaniline photovoltaic structure
Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 148-154 : ill

CuInSe2/polypyrrole photovoltaic structure prepared by electrodeposition
Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres**; Meissner, Dieter Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International Conference held in Munich, Germany, 22-26 October, 2001. Volume I 2002 / p. 160-163 : ill

CuInSe2/polypyrrole (polyaniline) photovoltaic structures
Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres**; Meissner, Dieter Proceedings of the 14th Workshop on Quantum Solar Energy Conversion : QUANTSOL 2002, March 17-23, 2002, Rauris, Österreich 2002 / [2] p. : ill

Defects in Cl and Na doped CdTe monograin powders
Altosaar, Mare; **Kukk, Peeter-Enn**; **Raudoja, Jaan**; **Mellikov, Enn** E-MRS Spring Meeting : Strasbourg, 1999 : abstracts 1999 / p. O-32 https://www.sciencedirect.com/science/article/abs/pii/S0040609099008135

Department of Materials Technology
Valdma, Leo; **Kübarsepp, Jakob**; **Kulu, Priit**; **Tümanok, Aleksei**; **Mellikov, Enn**; **Vallaste, Heikki** Research activities / Tallinn Technical University 1993 / p. 13-16 https://www.ester.ee/record=b1053754*est

Direct electrodeposition of CuInSe2 thin films
Kois, Julia; **Altosaar, Mare**; **Mellikov, Enn**; Kemell, M.; Saloniemi, H.; Ritala, M.; Leskelä, M. E-MRS Spring Meeting : Strasbourg, 1999 : abstracts 1999 / p. O-19

Eesti Materjalitehnika Ühing
Mellikov, Enn; **Kulu, Priit** 10 aastat Eesti Inseneride Liitu : 1988-1998 1998 / lk. 26-28

Eesti Vabariigi teaduspreemia pikaajalise tulemusliku teadus- ja arendustöö eest : [akadeemik Enn Mellikovile]
Mellikov, Enn Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 325-330

Ekstraktsioon ja keemiline töötlus kõrgekvaliteetsete karraginaanide saamiseks
Tuvikene, Rando; Robal, Marju; Ikart, A.-L.; Truus, K.; **Mellikov, Enn**; **Pehk, Tõnis** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 169-170

Electrochemical deposition of compound semiconductor thin films
Altosaar, Mare; **Mellikov, Enn**; **Kois, Julia**; Guo, Ycping; Meissner, Dieter Electrochemical Society proceedings. Vol. 97-20, The 1997 Joint International Meeting of the Electrochemical Society and the International Society of Electrochemistry 1997 / p. 11-15

Electrochemical deposition of CuInSe2
Kois, Julia; Kemell, M.; Saloniemi, H.; Ritala, M.; **Altosaar, Mare**; **Mellikov, Enn** 2nd Baltic Conference on Electrochemistry : Palanga, Lithuania, 10-12 June : extended abstracts 1999 / p. 87

Electrochemical deposition of CuInSe2 thin films for photovoltaic applications = CuInSe2 õhukesed kiled elektrokeemilise sadestamise meetodil
Kois, Julia 2006

Electrochemical etching of copper indium diselenide surface
Kois, Julia; **Bereznev, Sergei**; **Volobujeva, Olga**; **Mellikov, Enn** Thin solid films 2006 / 15, p. 5871-5875 : ill

Electrochemical synthesis of CdSe/CdTe nanowires for hybrid photovoltaic structures
Gurevitš, Jelena; **Bereznev, Sergei**; **Mikli, Valdek**; **Naidu, Revathi**; **Mellikov, Enn**; **Kois, Julia** Materials Research Society symposium proceedings 2014 / [6] p. : ill https://doi.org/10.1557/opl.2014.576 Conference proceedings at Scopus Article at Scopus

Electrochemical synthesis of CdSe/CdTe nanowires for hybrid photovoltaic structures
Gurevitš, Jelena; **Kois, Julia**; **Bereznev, Sergei**; **Mellikov, Enn**; **Öpik, Andres** 2014 MRS Spring Meeting & Exhibit : April 21-25, 2014, San Francisco, California : program. Symposium UU, Semiconductor Nanowires-Synthesis, Properties and Applications 2014 / [1] p

Electrocrystallization of CdSe from aqueous electrolytes : structural arrangement from thin films to self-assembled nanowires
Kois, Julia; **Bereznev, Sergei**; **Volobujeva, Olga**; Gurevitš, Jelena; **Mellikov, Enn** Journal of crystal growth 2011 / p. 9-12 : ill

Electrodeposited CDSE nanomatrix for hybrid polymer solar cells
Gurevitš, Jelena; **Bereznev, Sergei**; **Mikli, Valdek**; **Naidu, Revathi**; **Öpik, Andres**; **Mellikov, Enn**; **Kois, Julia** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 96 : ill

Electrodeposited (Cu-In-Se)/polypyrrole PV structures
Bereznev, Sergei; **Kois, Julia**; **Golovtsov, Igor**; **Öpik, Andres**; **Mellikov, Enn** Thin solid films 2006 / p. 425-429 : ill

Electrodeposition and characterization of CuInSe2 for applications in thin film solar cells
Kois, Julia; **Bereznev, Sergei**; **Volobujeva, Olga**; **Mellikov, Enn** Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 93

Electrodeposition of CdSe nanofibers as photo-active matrix for polymer solar cells
Kois, Julia; **Bereznev, Sergei**; **Gurevitš, Jelena**; **Mellikov, Enn**; **Öpik, Andres** Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 122

Electrodeposition of CdSe nanomatrix for hybrid solar cells
Bereznev, Sergei; **Gurevitš, Jelena**; **Kois, Julia**; **Mellikov, Enn** 12th International Conference on Nanosciences & Nanotechnologies : 7-10 July 2015, Porto Palace Conference Centre & Hotel, Thessaloniki, Greece : book of abstracts 2015 / p. 166

Electrodeposition of CuInSe2 thin films onto Mo-glass substrates
Kois, Julia; **Bereznev, Sergei**; **Mellikov, Enn**; **Öpik, Andres** Thin solid films 2006 / p. 420-424 : ill

Elektrokeemilised CuInS2/polüpürrool fotovolt struktuurid
Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 19

Elektrokeemilised CuInSe2/polüpürrool struktuurid päikeseenergeetikale
Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres**; Meissner, Dieter XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 16-17

EMSS - an historical overview
Mellikov, Enn Euromaterials 1997 / p. 10-11

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

Energy of excitons in CuInS2 single crystals
Yakushev, M.V.; Mudryi, A.V.; Victorov, I.V.; **Krustok, Jüri**; **Mellikov, Enn** Applied physics letters 2006 / 1, [3] p

Flexible solar cells based on copper tape : hybrid organic-inorganic structures
Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** Proceedings of the IASTED International Conference Energy and Power Systems : March 29-31, 2006, Chiang Mai, Thailand 2006 / p. 161-164 : ill
https://www.researchgate.net/publication/288789183_Flexible_solar_cells_based_on_copper_tape_Hybrid_organic-inorganic_structures

Formation and properties of chemically sprayed ZnO films
Krunks, Malle; **Mellikov, Enn**; **Bijakina, Olga**; **Varema, Tiit**; Meissner, Dieter Optical organic and semiconductor inorganic materials 1997 / p. 129-134

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 of A II B VI films by spray pyrolysis
Krunks, Malle; **Mellikov, Enn**; **Sork, Eeve**; **Iljina, Natalja** Journal of materials and product. technology 1991

Formation of A2B6 films by spray pyrolysis
Krunks, Malle; **Mellikov, Enn** Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 28-30

Formation of CdS and CdZnS films by spray pyrolysis
Krunks, Malle; **Mellikov, Enn**; **Sork, Eeve** 11th International Symposium on Photon-Detectors, Weimar, September, 11-13, 1984 1984 / S. 24

Formation of CdS films by spray pyrolysis
Krunks, Malle; **Mellikov, Enn**; **Sork, Eeve** Thin solid films 1986 / p. 105-109
https://www.sciencedirect.com/science/article/abs/pii/0040609086902579 https://www.ester.ee/record=b1202480*est

Formation of CdS thin films by spray pyrolysis
Krunks, Malle; **Mellikov, Enn**; **Iljina, Natalja**; **Sork, Eeve** Международная конференция Химия твердого тела. Т. 2 1990 / с. 152

Formation of Cu2ZnSnS4 absorber layers for solar cells by electrodeposition-annealing route
Iljina, Julia; **Zhang, R.**; **Ganchev, Maxim**; **Raadik, Taavi**; **Volobujeva, Olga**; **Altosaar, Mare**; **Traksmaa, Rainer**; **Mellikov, Enn** Thin Solid Films 2013 / p. 85 - 89 https://doi.org/10.1016/j.tsf.2013.04.038 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 CUIZnSnSI and CUIZnSnSeI by chalcogenisation of electrochemically deposited precursor layers = CUIZnSnSeI ja CUIZnSnSI moodustumine elektrokeemiliselt sadestatud kihtide kalkogeniseerimisel
Lehner, Julia 2014 https://www.ester.ee/record=b3080859*est

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

Formation of photosensitivity in CdSexTe1-x monograin powders
Altosaar, Mare; **Krustok, Jüri**; **Mädasson, Jaan**; **Mellikov, Enn** Book of Abstracts of the 11th International Conference on Ternary & Multinary Compounds, 8-12 September 1997, Salford, England 1997 / p. 1.45

Formation of photosensitivity in CdSexTe1-x monograin powders
Altosaar, Mare; **Krustok, Jüri**; **Mädasson, Jaan**; **Mellikov, Enn**; **Kukk, Peeter-Enn** 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. 553-556: 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

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

Glass/ITO/In(O,S)/CuIn(S,Se)2 solar cell with conductive polymer window
Kois, Julia; **Bereznev, Sergei**; **Raudoja, Jaan**; **Mellikov, Enn**; **Öpik, Andres** The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 44
https://www.sciencedirect.com/science/article/abs/pii/S0927024804003836

Glass/ITO/In(O,S)/CuIn(S,Se)2 solar cell with conductive polymer window layer
Kois, Julia; **Bereznev, Sergei**; **Raudoja, Jaan**; **Mellikov, Enn**; **Öpik, Andres** Solar energy materials and solar cells 2005 / p. 657-665 : ill https://www.sciencedirect.com/science/article/abs/pii/S0927024804003836

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

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

Growth and recrystallization of CuInS2 films in spray pyrolytic process
Krunks, Malle; **Mikli, Valdek**; **Bijakina, Olga**; **Mellikov, Enn** Applied surface science 1999 / p. 356-361: ill

Growth kinetics of semiconducting materials with monocrystalline grain structure
Hiie, Jaan; **Mellikov, Enn** Mat Tech '91 : The Second European East-West Symposium of Materials and Processes, May 26-30, 1991 : abstracts 1991 / p. 248

Growth of CdTe monograin powders

Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; **Kukk, Peeter-Enn**; **Sapogova, J.**; Meissner, Dieter Physica scripta 1997 / p. 155-158: ill

Growth of CZTS-based monograins and their application to membrane solar cells
Mellikov, Enn; **Altosaar, Mare**; **Kauk-Kuusik, Marit**; **Timmo, Kristi**; **Meissner, Dieter**; **Grossberg, Maarja**; **Krustok, Jüri**; **Volobujeva, Olga** Copper zinc tin sulfide-based thin film solar cells 2015 / p. 289-309 : ill

Heterojunctions on ZnS base as detectors of ultraviolet rays
Kulcha, A.; Lomako, V.; **Hiie, Jaan**; **Mellikov, Enn** 11th International Symposium on Photon-Detectors, Weimar, September, 11-13, 1984 1984 / S. [25]

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

Higher education and science reform (HESR) program advances materials research in Estonia
Mellikov, Enn; **Öpik, Andres** MRS bulletin 1999 / 10, p. 6-8

High-vacuum evaporation of n-CuIn3Se5 photoabsorber films for hybrid PV structures
Adhikari, Nirmal; **Bereznev, Sergei**; **Laes, Kristjan**; **Kois, Julia**; **Volobujeva, Olga**; **Raadik, Taavi**; **Traksmaa, Rainer**; Tverjanovich, Andrey; **Öpik, Andres**; **Mellikov, Enn** Journal of electronic materials 2011 / p. 2374-2381 : ill

Hollandlased kavandavad Eestisse päikesepatareide tehast : [Hollandi klaasifirma koostööst Tallinna Tehnikaülikooliga : Enn Mellikovi kommentaariga]
Tänavsuu, Toivo; **Mellikov, Enn** Eesti Päevaleht 2005 / 1. juuni, Ärileht, lk. 4 : fot https://www.postimees.ee/1479305/hollandlased-kavandavad-eestisse-paikesepatareide-tehast

Honda stipendiumifond tulevikutehnoloogiate inseneridele : [19. apr. TTÜ ja Honda Motor Europe Ltd ühisüritusest, kus Honda esindaja andis üle stipendiumifondi noorteadlaste toetamiseks : ka M.Tamre ja E.Mellikovi sõnavõttudest]
Lehtmets, Maris; **Tamre, Mart**; **Mellikov, Enn** Mente et Manu 2006 / 26. apr., lk. 1 : fot https://www.ester.ee/record=b1242496*est

Hybrid copper-indium disulfide polypyrrole/photovoltaic structures prepared by electrodeposition
Bereznev, Sergei; Konovalov, Igor; **Öpik, Andres**; **Kois, Julia**; **Mellikov, Enn** Solar energy materials and solar cells 2005 / p. 197-206 : ill

Hybrid solar cells based on CuInS2 and organic buffer-sensitizer layers
Bereznev, Sergei; Koeppe, R.; Konovalov, Igor; **Kois, Julia**; **Günes, S.**; **Öpik, Andres**; **Mellikov, Enn**; Sariciftci, N.S. Thin solid films 2006 / 15, p. 5759-5762 : ill

Hybrid solar cells based on inorganic photoabsorbers and organic functional layers
Bereznev, Sergei; **Mellikov, Enn**; **Öpik, Andres** Book of abstracts OP 2007 : 7th International Conference on Optical Probes of p-Conjugated Polymers and Functional Self+Assemblies : Turku, Finland, 11-15 June 2007 2007 / p. 107

Hybrid solar cells based on inorganic thin film structures and conjugated polymers
Kois, Julia; **Bereznev, Sergei**; **Raudoja, Jaan**; **Mellikov, Enn**; **Öpik, Andres** Proceedings of SPIE 2005 / Optical materials and applications, p. 59460V-1 - 59460V-6 : ill

Hydrogen interaction with point defects in the Si-SiO2 structures and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; Kärner, T.; Ugaste, Ülo; Laas, Tõnu; Heinmaa, I.; Abru, Uno; Medvid, A. Solid state phenomena 2008 / p. 345-350 https://www.scientific.net/SSP.131-133.345

Impact of vacuum and nitrogen annealing on HVE SnS photoabsorber films
Revathi, Naidu; **Loorits, Mihkel**; **Kärber, Erki**; **Volobujeva, Olga**; **Raudoja, Jaan**; **Maticiuc, 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

Impurity interaction with point defects in the Si-SiO2 structures and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; Kärner, T.; Ugaste, Ülo; Laas, Tõnu; Heinmaa, I.; Medvid, A. Materials science and engineering : B 2006 / p. 222-226 : ill https://www.sciencedirect.com/science/article/pii/S0921510706004375

Influence of annealing conditions on the structural quality of CuInSe2 thin films
Volobujeva, Olga; **Kois, Julia**; **Traksmaa, Rainer**; **Muska, Katri**; **Bereznev, Sergei**; **Grossberg, Maarja**; **Mellikov, Enn** Thin

solid films 2008 / 20, p. 7105-7109 : ill https://www.sciencedirect.com/science/article/abs/pii/S0040609007020202

Influence of conductive polymer deposition on photovoltaic properties of prospective inorganic photoabsorber CuInS2 in solar cell
Bereznev, Sergei; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres**; Verbitsky, Anatoly; Vertsimakha, Yaroslav Proceedings of the Third IASTED Asian Conference Power and Energy Systems : April 2-4, 2007, Phuket, Thailand 2007 / p. 232-235
https://www.researchgate.net/publication/288795301_Influence_of_conductive_polymer_deposition_on_photovoltaic_properties_of_prospective_inorganic_photoabsorber_CuInS2_in_solar_cell

Influence of Na doping on opto-electrical properties of CdTe:Cl
Altosaar, Mare; **Kukk, Peeter-Enn**; **Raudoja, Jaan**; **Krustok, Jüri**; **Krunks, Malle**; **Mellikov, Enn**; **Raudoja, Jaan vt.ka Mädasson, Jaan** 11th International Photovoltaic Science and Engineering Conference : Sept. 20-24/1999, Hokkaido, Japan : technical digest 1999 / p. 457-458: ill

Influence of pH and deposition potentials on composition and morphology of CdSe films
Kois, Julia; **Volobujeva, Olga**; **Bereznev, Sergei**; **Mellikov, Enn** EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009, Symposium B 2009 / p. 50

Interaction between point defects in the Si-Si=2 system
Kropman, Daniel; Kärner, T.; Samoson, Ago; Heinmaa, I.; **Mellikov, Enn** Nuclear instruments & methods in physics research. Section B 2002 / p. 78-82 https://www.sciencedirect.com/science/article/pii/S0168583X0100862X

Interaction between point defects in the Si-SiO2 system during the process of its formation
Kropman, Daniel; Kärner, T.; Samoson, Ago; Heidmaa, I.; Ugaste, Ülo; **Mellikov, Enn** Defect and Diffusion Forum 2001 / p. 1737-1744 https://www.sciencedirect.com/science/article/abs/pii/S0168583X0100862X

Interaction between point defects, extended defects and impurities in the Si-SiO2 system during the process of its formation
Kropman, Daniel; Kärner, T.; Abru, Uno; Ugaste, Ülo; **Mellikov, Enn** Thin solid films 2004 / 1/2, p. 53-57 : ill
https://www.sciencedirect.com/science/article/abs/pii/S0921510704003459

Interaction between point defects, extended defects and impurities in the Si-SiO2 system during the process of its formation
Kropman, Daniel; Kärner, T.; Abru, Uno; Ugaste, Ülo; **Mellikov, Enn**; **Kauk, Marit** Materials science and engineering : B 2004 / p. 295-298 : ill https://www.sciencedirect.com/science/article/abs/pii/S0921510704003459

Interaction of point defects with impurities in the Si-SiO2 system and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; Kärner, Tiit; Heinmaa, Ivo; Laas, Tõnu; Londos, Charalampos; Misiuk, Andrzej Solid state phenomena 2011 / p. 263-266 https://www.sciencedirect.com/science/article/pii/S0040609009014564

Interaction of point defects with impurities in the Si-SiO2 system and its influence on the properties of the interface
Kropman, Daniel; **Mellikov, Enn**; **Lott, Kalju**; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A.; Skroupa, W.; Prucnal, S.; Zvyagin, S.; Cizmar, E.; Ozerov, M.; Wosnitsa, J. Solid state phenomena 2010 / p. 145-148 : ill
https://www.sciencedirect.com/science/article/abs/pii/S0040609009014564

Interaction of point defects with impurities in the Si-SiO2 system and its influence on the properties of the interface
Kropman, Daniel; **Mellikov, Enn**; **Öpik, Andres**; **Lott, Kalju**; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A.; Skroupa, W.; Prucnal, S.; Rebohle, L.; Zvyagin, S.; Cizmar, E.; Ozerov, M.; Wosnitsa, J. Thin solid films 2010 / 9, p. 2374-2376
https://www.sciencedirect.com/science/article/abs/pii/S0040609009014564

Interaction of point defects with impurities in the Si-SiO2 system and its influence on the properties of the interface
Kropman, Daniel; **Mellikov, Enn**; **Lott, Kalju**; Kärner, T.; Heinmaa, I. Getterring and defect engineering in semiconductor technology XIII : CADEST 2009 : proceedings of the XIIIth International Autumn Meeting, Döllnsee-Schorfheide, north of Berlin, Germany, September 26 - October 02, 2009 2010 / p. 145-148 : ill https://www.sciencedirect.com/science/article/abs/pii/S0040609009014564

Intermediate compounds in formation of copper sulfides by spray pyrolysis
Krunks, Malle; **Mellikov, Enn**; **Bijakina, Olga** Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 98-106: ill

Introduction
Mellikov, Enn Tallinna Tehnikaülikooli ülevaated. K, Chemistry = Reports of Tallinn Technical University. K, Chemistry = Отчеты Таллинского технического университета. K, Chemistry : Chair of Semiconductor Materials Technology : activity report 1988-1993 1994 / p. 5 https://www.ester.ee/record=b1065473*est

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 strain relaxion mechanism in Si-SiO2 system during the process of its formation
Kropman, Daniel; Poll, V.; Kärner, T.; Ugaste, Ülo; **Mellikov, Enn**; Arbu, Uno; Paomets, V. Physica status solidi (a) 2003 / 2, p. 297-301 https://onlinelibrary.wiley.com/doi/abs/10.1002/pssa.200306611

Isothermal and two-temperature zone selenization of Mo layers
Kaupmees, Liina; **Altosaar, Mare**; **Volobujeva, Olga**; **Raadik, Taavi**; **Grossberg, Maarja**; **Danilson, Mati**; **Mellikov, Enn**; Barvinschi, Paul Advances in materials science and engineering 2012 / Article ID 345762. [11] p. : ill https://www.researchgate.net/publication/258383467_Isothermal_and_Two-Temperature_Zone_Selenization_of_Mo_Layers

Isothermal grain growth of CdTe in CdCl2 and Te fluxes
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; **Mädasson, Jaan**; **Sapogova, J.**; **Mikli, Valdek** Conference record of the Twenty Sixth IEEE Photovoltaic Specialists Conference - 1997, Anaheim, CA, 29 September - 03 October 1997 1997 / p. 455-458: ill

Isothermal grain growth of CdTe in liquid Te flux
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; **Mädasson, Jaan**; **Sapogova, J.**; **Mikli, Valdek** 26th IEEE Photovoltaic Specialists Conference, Anaheim, 1997 : abstracts 1997 / p. 111

Kalleim labor Eestis : Euroopa Liidu Teaduse Tippkeskus pooljuhtpäikeseenergeetika materjalide ja seadiste alal : [intervjuu labori rajaja Enn Mellikoviga]
Mellikov, Enn; Veskimäe, Rein Horisont 2004 / 2, lk. 18-23 : fot https://artiklid.elnet.ee/record=b1015249*est

Kalleim labor Eestis : [intervjuu Enn Mellikoviga]
Veskimäe, Rein; **Mellikov, Enn** Põline partituur : Eesti teadlased horisondil 2007 / lk. 62-68 : fot

Kas päikeseenergeetikal on tulevikku?
Juurak, Raivo; **Mellikov, Enn** Õpetajate Leht 2010 / lk. 7 : fot https://artiklid.elnet.ee/record=b1969618*est

Keemia- ja materjalitehnoloogia teaduskond
Kaps, Tiit; **Mölder, Leevi**; **Christjanson, Peep**; **Mellikov, Enn**; **Krunks, Malle**; **Munter, Rein**; **Uus, Endel**; **Tearo, Eduard**; **Kuusik, Rein, keemik**; **Kreen, Malle**; **Viikna, Anti**; **Soone, Jüri** Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922-2007 2008 / lk. 48-71 : ill https://www.ester.ee/record=b2412718*est

Kõrgtehnoloogilised materjaliuuringud Tallinna Tehnikaülikoolis
Mellikov, Enn; **Õpik, Andres** Teadusmõte Eestis : tehnikateadused 2002 / lk. 73-76 : ill

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

Light writed self-quenching or eraseable conductive patterns in semiconductors : a review
Kruusing, Arvi; **Mellikov, Enn** ADOM-2 : 2nd International Conference "Advanced Optical Materials and Devices" : abstracts 2000 / p. 47

Low-K factor of SiO2 layer on Si irradiated by YAG:Nd laser
Medvid, A.; Onufrijevs, Pavels; **Mellikov, Enn**; **Kropman, Daniel**; Muktepavela, F.; Bakradze, G. Journal of non-crystalline solids 2007 / p. 703-707 : ill https://www.sciencedirect.com/science/article/pii/S0022309306014116

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

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 Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 45 https://www.researchgate.net/publication/252219854_Materials_and_technologies_for_photovoltaic_applications_from_Estonia

Materials science and engineering in Estonia
Mellikov, Enn; **Kulu, Priit**; **Õpik, Andres** Abstracts of International Conference MRS Spring Meeting 2000 / p. HH5.3

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

Materials science education in Estonia
Kaps, Tiit; **Mellikov, Enn**; **Lopp, Margus**; **Öpik, Andres**; **Kulu, Priit** MRS Fall Meeting, Boston, 1996 : abstracts 1996 / p. 765

Materials science education in Estonia
Mellikov, Enn Abstracts of MRS Fall Meeting, Boston, 1997 1997 / p. 756

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

Materjaliteadus Tallinna Tehnikaülikoolis ja rahvusvaheline koostöö
Mellikov, Enn; **Kulu, Priit**; **Öpik, Andres** IV Välis-Eesti kongress, 29.-30. juunil 1999. a. Tallinnas : ettekannete kokkuvõtted 1999 / lk. 66-68

Materjalitehnika instituut
Kulu, Priit; **Kübarsepp, Jakob**; **Mellikov, Enn**; **Tümanok, Aleksei**; **Vallaste, Heikki** Teadustegevus / TTÜ 1993 / lk. 17-20

Mechanism of molten phose actron of thermal recrystallization of powder materials
Mellikov, Enn; **Hiie, Jaan**; **Tuvike, Tiit**; **Altosaar, Mare** Международная конференция Химия твердого тела. Т. 2 1990 / с. 154

Metal sulfide thin films by chemical spray pyrolysis
Krunks, Malle; **Mellikov, Enn** Abstracts of International Conference Advanced Optical Materials and Devices 2000 / p. 37

Metal sulfide thin films by chemical spray pyrolysis
Krunks, Malle; **Mellikov, Enn** Proceedings of SPIE 2001 / p. 60-65

Monograin A2B6 powders
Mellikov, Enn; **Hiie, Jaan**; **Altosaar, Mare** Producibility of II-IV Materials and Devices : SPIE proceedings. Vol. 2228 1994 / p. 177-185

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 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 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

Monograin powders for solar energetics
Mellikov, Enn; **Altosaar, Mare**; **Hiie, Jaan**; **Mädasson, Jaan** Abstracts of 12th European Photovoltaic Solar Energy Conference, Amsterdam, 1994 1994 / p. 9A-33

Monograin powders for solar energetics
Mellikov, Enn; **Altosaar, Mare**; **Hiie, Jaan**; Meissner, Dieter Proceedings of 12th European Photovoltaic Solar Energy Conference,

Amsterdam, 1994 1994 / p. 1619-1622

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

Monoteralised pooljuhtpulbrid päikeseenergeetikale = Monograin semiconductor powders for solar energetics
Hiie, Jaan; **Altosaar, Mare**; **Krunks, Malle**; **Mellikov, Enn** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 39-40 https://www.ester.ee/record=b1070511*est

Multiple role of fluxing agent in the recrystallization process
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn** Abstracts of the 2nd WCEPSEC, 1998 1998 / 0,1 ap

Multiple role of fluxing agent in the recrystallization process
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; Meissner, Dieter; Brammer, T. 2nd World Conference and Exhibition on Photovoltaic Solar Energy Conversion, 6-10 July 1998 1998 / p. 732-734: ill

Multiple role of fluxing agent in the recrystallization process
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; Meissner, Dieter; Brammer, T. Proceedings of the 2nd World Conference on Photovoltaic Solar Energy Conversion : Jerusalem, Israel, July 4-9, 1999. Vol. 1 2000 / p. 732-734

A new curriculum in sustainable energetics in Estonia
Meissner, Dieter; **Mellikov, Enn**; **Öpik, Andres**; Koppel, Ilmar; Lust, Enn The journal of materials education 2009 / 1/2, p. 23-32

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

Optoelectronic surface emitters of terahertz radiation from copper chalcogenides
Adomavicius, Ramunas; Krotkus, Arunas; Šustaviciute, R.; Molis, Gediminas; **Kois, Julia**; **Bereznev, Sergei**; **Mellikov, Enn**; Gashin, P. Electronics letters 2007 / 25, p. 1458-1459 https://doi.org/10.1049/el:20072035

Phase composition of selenized Cu2ZnSnSe4 thin films determined by X-ray diffraction and Raman spectroscopy
Ganchev, Maxim; **Iljina, Julia**; **Kaupmees, Liina**; **Raadik, Taavi**; **Volobujeva, Olga**; **Mere, Arvo**; **Altosaar, Mare**; **Raudoja, Jaan**; **Mellikov, Enn** Thin solid films 2011 / p. 7394-7398 : ill

Photo-assisted electrodeposition of polypyrrole back contact to CdS/CdTe solar cell structures
Jarkov, Aleksandr; **Bereznev, Sergei**; **Volobujeva, Olga**; **Traksmaa, Rainer**; Tverjanovich, Andrey; **Öpik, Andres**; **Mellikov, Enn** Thin solid films 2013 / p. 198-201 : ill https://doi.org/10.1016/j.tsf.2013.01.064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photoconductive CdS and CdSxSe1-x and CdSexTe1-x powders and layers for microwave optoelectronic antennas
Hiie, Jaan; **Altosaar, Mare**; **Krunks, Malle**; **Mellikov, Enn** International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 195

Photoconductive CdS and CdSxSe1-x layers for microwave range
Hiie, Jaan; **Krunks, Malle**; **Mellikov, Enn**; **Veel, Ene** 9th international symposium of the Technical Committee on Photon-Detectors, International Measurement Confederation : Visegrád, Hungary, 9 - 12 September, 1980 : abstracts 1980 / p. 12-13

Photoconductive materials for electromagnetic microwave technic
Hiie, Jaan; **Mellikov, Enn** Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 23-24

Photoconductive patterns in semiconductors for electromagnetic field control : a review
Kruusing, Arvi; **Mellikov, Enn** Proceedings of SPIE 2001 / p. 22-32

Photoconductive ternary CdSxSe1-x and CdSexTe1-x powders and layers for microwave detectors
Hiie, Jaan; **Altosaar, Mare**; **Krunks, Malle**; **Mellikov, Enn** Book of Abstracts of the 11th International Conference on Ternary & Multinary Compounds, 8-12 September 1997, Salford, England 1997 / p. 1.44

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

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

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

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

Photovoltaic research and development in EU new member and candidate states
Pietruszko, Stanislaw; Mikolajuk, A.; **Mellikov, Enn** Proceedings of SPIE 2005 / Optical materials and applications, p. 252

Photovoltaic structures formed by thermal annealing of electrodeposited CuInSe2 in H2S
Kois, Julia; **Bereznev, Sergei**; **Mellikov, Enn**; **Öpik, Andres** Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / 2, p. 51-58 : ill

Photovoltaic systems research and development in EU new member and candidate states (invited)
Pietruszko, Stanislaw; Vitanov, Petko; **Mellikov, Enn**; **Volobujeva, Olga** The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 23

Point defects in Cl and Na doped CdTe
Altosaar, Mare; **Kukk, Peeter-Enn**; **Mellikov, Enn** Thin solid films 2000 / p. 443-445

Point defects interaction with extended defects and impurities and its influence on the Si-SiO2 system properties
Kropman, Daniel; Arbu, Uno; Kärner, T.; Ugaste, Ülo; **Mellikov, Enn**; **Kauk, Marit**; Heinmaa, I.; **Samoson, Ago**; Medvid, A. Gettering and defect engineering in semiconductor technology. XI 2005 / p. 333-338 : ill
https://www.researchgate.net/publication/243760197_Point_Defects_Interaction_with_Extended_Defects_and_Impurities_and_Its_Influence_on_the_Si-SiO_2_System_Properties

Point defects interaction with extended defects in the Si-SiO2 system [Electronic resource]
Kropman, Daniel; Kärner, T.; Abru, Uno; Ugaste, Ülo; **Mellikov, Enn** Proceedings IVC-16 : Venice, 2004 2004 / p. SS1-TuP394 [CD-ROM]
https://www.researchgate.net/publication/243760197_Point_Defects_Interaction_with_Extended_Defects_and_Impurities_and_Its_Influence_on_the_Si-SiO_2_System_Properties

Polycrystalline CuIn3Se5 thin film photoabsorber deposited by the pulsed laser deposition technique
Tverjanovich, Andrey; **Bereznev, Sergei**; Borisov, Evgeny N.; Kim, Dongsoo; **Kois, Julia**; **Laes, Kristjan**; **Volobujeva, Olga**; **Öpik, Andres**; **Mellikov, Enn**; Tveryanovich, Yuri S. Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 24-28 : ill

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

Polypyrrole electrodeposition on inorganic semiconductors CuInSe2 and CuInS2 for photovoltaic applications
Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** Electronic Phenomena in Organic Solids : Prague, Czech Republic, July 14-18, 2002 2004 / p. 287-292 : ill

Polypyrrole electrodeposition on inorganic semiconductors CuInSe2 and CuInS2 for photovoltaic applications
Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** 21st Discussion Conference of P.M.M./9th International Conference ERPOS : Electrical and Related Properties of Polymers and Other Organic Solids : Prague, 14-18 July 2002 : programme booklet. Volume K 76 2002 / p. 96

Polypyrrole electrodeposition on inorganic semiconductors CuInSe2 and CuInS2 for photovoltaic applications
Bereznev, Sergei; Konovalov, Igor; **Kois, Julia**; **Mellikov, Enn**; **Öpik, Andres** 21st Discussion Conference of P.M.M./9th International Conference ERPOS : Electrical and Related Properties of Polymers and Other Organic Solids : Prague, 14-18 July 2002 2002 / [6] p. : ill

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

Pooljuhtmaterjalid päikeseenergeetikale ja optoelektroonikale : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle

Mellikov, Enn Tallinna Tehnikaülikooli aastaraamat 1997 1998 / lk. 116-119

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

Powder materials and technologies for solar cells
Mellikov, Enn; **Hiie, Jaan**; **Altosaar, Mare** International journal of materials & product technology 2007 / 3/4, p. 291-311 : ill

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

PVD grown SnS thin films onto different substrate surfaces
Revathi, Naidu; **Bereznev, Sergei**; **Iljina, Julia**; **Safonova, Maria**; **Mellikov, Enn**; **Volobujeva, Olga** Journal of materials science : materials in electronics 2013 / p. 4739-4744 : ill https://doi.org/10.1007/s10854-013-1468-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Päikeseelemendid H2S atmosfääris kuumutamisega modifitseeritud elektrokeemiliselt sadestatud CuInSe2 kilede baasil
Kois, Julia; **Bereznev, Sergei**; **Mellikov, Enn**; **Öpik, Andres** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 59

Päikeseelementide uued materjalid ja konstruktsioonid : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile
Mellikov, Enn; **Altosaar, Mare**; **Bereznev, Sergei**; **Öpik, Andres** Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 262-267 : ill

Päikeseenergeetika maailmas, tänapäev ja tulevikuprognoosid
2010 https://www.ester.ee/record=b2593312*est

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

Päikeseenergeetikal on tulevikku ka Eestis : [ka TTÜ materjaliteaduse instituudi teadustöödest]
Krustok, Jüri; **Mellikov, Enn** Eesti Loodus 2006 / juuli, lk. 6-11 : ill https://artiklid.elnet.ee/record=b2027442*est

Päikeseenergia ja selle kasutamine
Tomson, Teolan; **Mellikov, Enn** Elektriala 2010 / 3, lk. 30-33 : ill

Päikeseenergiast saab üha odavamat elektrit
Mellikov, Enn; **Krustok, Jüri** Eesti Päevaleht 1996 / 13. märts, lk. 7

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]
Arro, Ilmar; **Kaljurand, Mihkel**; **Kallavus, Urve**; **Kübarsepp, Jakob**; **Lille, Ülo**; **Lopp, Margus**; **Mellikov, Enn**; **Min, Mart**; **Rang, Toomas**; **Rüstern, Ennu**; **Taklaja, Andres**; **Tamm, Toomas**; **Tammet, Tanel**; **Tepandi, Jaak**; **Ubar, Raimund-Johannes**; **Öpik, Andres** Mente et Manu 2005 / 18. mai. lk. 1 https://www.ester.ee/record=b1242496*est

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]
Arro, Ilmar; **Kaljurand, Mihkel**; **Kallavus, Urve**; **Kübarsepp, Jakob**; **Lille, Ülo**; **Lopp, Margus**; **Mellikov, Enn**; **Min, Mart**; **Rang, Toomas**; **Rüstern, Ennu**; **Taklaja, Andres**; **Tamm, Toomas**; **Tammet, Tanel**; **Tepandi, Jaak**; **Ubar, Raimund-Johannes**; **Öpik, Andres** Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 430-431

Rapid thermal processing of Kesterite thin films
Ganchev, Maxim; Spasova, Stanka; **Raadik, Taavi**; **Mere, Arvo**; **Altosaar, Mare**; **Mellikov, Enn** Coatings 2023 / art. 1449 https://doi.org/10.3390/coatings13081449 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Recrystallization of CIS powders in molten fluxes
Altosaar, Mare; **Hiie, Jaan**; **Mellikov, Enn**; **Mädasson, Jaan** International Conf. on Ternary and Quaternary Compounds : book of

abstracts 1995 / p. POI 50

Recrystallization of powder materials
Mellikov, Enn; **Hiie, Jaan** International Symposium Mat Tech '90 : abstracts 1990 / p. 51

Recrystallization of powder materials in molten salts
Mellikov, Enn; **Hiie, Jaan** Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 17-20

Recrystallization of powder materials in molten salts
Mellikov, Enn; **Hiie, Jaan**; **Tuvike, Tiit** 32nd IUPAC Congress, Stockholm, 2-7 August 1989 : book of abstracts 1989 / p. 111
https://www.ester.ee/record=b4149424*est

Recrystallyzation of CIS powders in molten fluxes
Altosaar, Mare; **Hiie, Jaan**; **Mellikov, Enn**; **Mädasson, Jaan** Crystal research and technology 1996 / p. 505-508: ill

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 and developments on semiconductor materials at the Tallinn Technical University
Mellikov, Enn Baltic electronics 1996 / 3, p. 6-8

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

Research on optoelectronic materials at Tallinn Tehnical University
Mellikov, Enn; **Kukk, Peeter-Enn**; **Krustok, Jüri** Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 263 https://www.ester.ee/record=b1052731*est

Saateks
Mellikov, Enn Teaduse uued suunad : materjaliteadus : Eesti Teaduste Akadeemia seminari materjalid : 23.10.2003 2004 / lk. 3

Selection of processing conditions for solution growth of CdTe and CuInSe2 monograin powders on the base of phase diagrams
Altosaar, Mare; **Hiie, Jaan**; **Mellikov, Enn** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 11

Selenisation of sequentially electrodeposited Cu-Zn and Sn precursor layers
Iljina, Julia; **Volobujeva, Olga**; **Raadik, Taavi**; **Revathi, Naidu**; **Raudoja, Jaan**; **Loorits, Mihkel**; **Traksmaa, Rainer**; **Mellikov, Enn** Thin solid films 2013 / p. 14-17 : ill

Selenization of co-sputtered Cu-In alloy films
Volobujeva, Olga; Abou-Ras, Daniel; **Grossberg, Maarja**; **Raudoja, Jaan**; **Mellikov, Enn**; **Traksmaa, Rainer** Conference records of the 33rd IEEE Photovoltaic Specialists Conference : San Diego, U.S.A., May 12-16, 2008 2008 / ? p
https://doi.org/10.1109/PVSC.2008.4922549

A self-rechargeable and flexible polymer solar battery
Dennler, G.; **Bereznev, Sergei**; **Meissner, Dieter**; **Mellikov, Enn**; **Öpik, Andres** Solar energy 2007 / 8, p. 947-957
https://www.sciencedirect.com/science/article/pii/S0038092X07000424

SEM analysis and selenization of Cu-In alloy films produced by co-sputtering of metals
Volobujeva, Olga; **Altosaar, Mare**; **Raudoja, Jaan**; **Mellikov, Enn**; **Grossberg, Maarja**; **Kaupmees, Liina**; Barvinschi, Paul Solar energy materials and solar cells 2009 / 1, p. 11-14 : ill https://www.sciencedirect.com/science/article/pii/S0927024808000238

SEM analysis and selenization of Cu-Zn-Sn sequential films produced by evaporation of metals
Volobujeva, Olga; **Mellikov, Enn**; **Raudoja, Jaan**; **Grossberg, Maarja**; **Bereznev, Sergei**; **Altosaar, Mare**; **Traksmaa, Rainer** Conference on Optoelectronic and Microelectronic Materials and Devices (COMMAD 2008) : Sydney, 18.07-1.08.2008 : proceedings 2009 / p. 257-260 https://ieeexplore.ieee.org/document/4802140/similar#similar

SEM study of selenization of different thin metallic films = Õhukeste metallikilede seleniseerimise elektronmikroskoopiline uurimine
Volobujeva, Olga 2008 https://www.ester.ee/record=b2394529*est

Sihtasutus Archimedes Aastaraamat 2005

Vaikmäe, Rein; **Aarna, Olav**; **Mellikov, Enn**; **Kobin, Riin** 2006 https://www.ester.ee/record=b1679273*est

SnS thin films deposition by chemical solution method and characterization = SnS õhukeste kilede sadestamine keemilisest lahusest ja saadud kilede iseloomustamine
Safonova, Maria 2016 https://www.ester.ee/record=b4535442*est

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

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

Standardization of composition of A2B6 materials
Mellikov, Enn; **Hiie, Jaan** Chair of Semiconductor Materials Technology : activity report, 1988-1993 1994 / p. 8-12

Standartization of composition of A2B6 materials
Mellikov, Enn; **Krunks, Malle** Surface and coatings technology 1993 / p. 688-690 https://doi.org/10.1016/0257-8972(93)90320-N

Strain relaxation mechanism in the Si-SiO2 system and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; **Öpik, Andres**; **Lott, Kalju**; **Volobujeva, Olga**; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. Physica B : condensed matter 2009 / 23/24, p. 5153-5155 : ill

Strain relaxation mechanism in the Si-SiO2 system and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; **Öpik, Andres**; **Lott, Kalju**; **Volobujeva, Olga**; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. Radiation Interaction with Materials and its use in Technologies : Kaunas, 24-27.09.2008 2008 / p. 204-207
https://www.sciencedirect.com/science/article/pii/S0921452609010321

Stress relaxation mechanism by strain in the Si-SiO2 system and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; Kärner, Tiit; Laas, Tõnu; Medvid, Arthur; Onufrijevs, Pavels; Dauksta, Edvins Solid state phenomena 2011 / p. 259-262 https://globaljournals.org/GJSFR_Volume17/1-Stresses-Relaxation-Mechanism.pdf

Structural and compositional properties of CZTS thin films formed by rapid thermal annealing of electrodeposited layers
Lehner, Julia; **Loorits, Mihkel**; **Revathi, Naidu**; **Raadik, Taavi**; **Raudoja, Jaan**; **Grossberg, Maarja**; **Mellikov, Enn**; **Volobujeva, Olga**; **Ganchev, Maxim** Journal of crystal growth 2013 / p. 236-240 : ill https://doi.org/10.1016/j.jcrysgro.2013.06.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Structure and thermal behaviour of dichlorobis(thiourea)cadmium(II), a single-source precursor for CdS thin films
Krunks, Malle; Madarasz, Janos; Hiltunen, L.; Mannonen, R.; Niinistö, L.; **Mellikov, Enn** Acta Chemica Scandinavica 1997 / p. 294-301: ill

Structure of recombination centres in activated ZnSe phosphors
Kukk, Peeter-Enn; **Palmre, Õie**; **Mellikov, Enn** Physica status solidi. A, Applied research 1982 / p. 35-42 : tab
https://www.ester.ee/record=b1562026*est

Structure of solar radiation at high latitudes
Tomson, Teolan; **Mellikov, Enn** EuroSun 2004 : 14.Intern. Sonnenforum : proceedings. 3 2004 / p. 899-904 : ill

Study of CdS thin films electrodeposited in presence of promotive selenious acid microadditive
Maricheva, Jelena; **Bereznev, Sergei**; **Volobujeva, Olga**; **Mellikov, Enn**; **Kois, Julia** BEC 16 : the 6th Baltic Electrochemistry Conference : Electrochemistry of Functional Interfaces and Materials : 15th-17th June 2016, Helsinki, Finland 2016 / p. 77 : ill

Study of composition reproducibility of electrochemically co-deposited CuInSe2 films onto ITO
Kaupmees, Liina; **Altosaar, Mare**; **Volobujeva, Olga**; **Mellikov, Enn** Thin solid films 2007 / 15, p. 5891-5894
https://www.sciencedirect.com/science/article/pii/S0040609006016427

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

Sõnavõtt Eesti Vabariigi teaduspreemiate, kultuuripreemiate, spordipreemiate ning F. J. Wiedemanni keeleauhinna kätteandmisel : 24. veebruaril 2013 Eesti Teaduste Akadeemia saalis
Mellikov, Enn Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 288-289

Synthesis and characterisation of Cu2ZnSnSe4 thin films prepared via a vacuum evaporation-based route
Volobujeva, Olga; **Bereznev, Sergei**; **Raudoja, Jaan**; **Otto, Kairi**; **Pilvet, Maris**; **Mellikov, Enn** Thin solid films 2013 / p. 48-51 : ill https://doi.org/10.1016/j.tsf.2012.12.080 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthesis of Cu2(ZnCd)SnS4 absorber material for monograin membrane applications
Nkwusi, Godswill; **Leinemann, Inga**; **Raudoja, Jaan**; **Mikli, Valdek**; **Kauk-Kuusik, Marit**; **Altosaar, Mare**; **Mellikov, Enn** Materials Research Society symposium proceedings 2014 / 6 p. : ill https://doi.org/10.1557/opl.2014.245 Conference proceedings at Scopus Article at Scopus

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
Krunks, Malle; **Mellikov, Enn** Abstracts of International Conference on Metallurgical Coatings and Thin Films, San Diego, 1995 1995 / p. 135 https://www.sciencedirect.com/science/article/abs/pii/0040609095068937

Zinc oxide thin films by the spray pyrolysis method
Krunks, Malle; **Mellikov, Enn** Thin solid films 1995 / p. 33-36: ill

(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

Taastuvenergeetika on maha jäänud : [kokkuvõte konverentsil kõneldust. TTÜst esinesid Enn Mellikov, Toomas Tiikma, Ülo Kask]
Annuk, Andres; **Mellikov, Enn**; **Tiikma, Toomas**; **Kask, Ülo** Maamajandus 2003 / dets., lk. 28-29
https://artiklid.elnet.ee/record=b1044418*est

Taastuvenergia tasu kui liikumapanev jõud taastuvate energiaallikate arendamiseks
2010 https://www.ester.ee/record=b2593317*est

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

Teaching sustainable energetics

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

Teaduspreemia pikaajalise tulemusliku teadus- ja arendustöö eest [Enn Mellikov'ile]
Mellikov, Enn Eesti Vabariigi teaduspreemiad 2013 2013 / lk. 22-34 : portr

Teaduspreemia tehnikateaduste alal teadustöö "Päikeseelementide uued materjalid ja konstruktsioonid" eest : Enn Mellikov (kollektiivi juht), Mare Altosaar, Sergei Bereznev, Andres Öpik
Mellikov, Enn; **Altosaar, Mare**; **Bereznev, Sergei**; **Öpik, Andres** Eesti Vabariigi teaduspreemiad 2006 2006 / lk. 58-68 : fot., ill

Teaduspreemia tehnikateaduste alal töö "Pooljuhtmaterjalid päikeseenergeetikale ja optoelektroonikale" eest
Mellikov, Enn; **Altosaar, Mare**; **Krunks, Malle**; **Krustok, Jüri**; **Valdna, Vello** Eesti Vabariigi teaduspreemiad 1998 1998 / lk. 32-39: fotod

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

Tehnikaülikool kruvib päikesepatareide hinda : [Enn Mellikov kommenteerib koostöö võimalusi välisfirmadega]
Reimer, Andres; **Mellikov, Enn** Eesti Päevaleht 2007 / 14. veebr., Ärileht, lk. 2 https://www.aripaev.ee/uudised/2007/02/14/tehnikaulikool-kruvib-paikesepatareide-hinda

Tehnikaülikooli instituut sai Eesti kalleima teadusseadme : [materjaliteaduse instituut avas uue teaduslabori, kus töötatakse välja soodsat päikesepatareid : kommenteerib Enn Mellikov]
Teder, Merike; **Mellikov, Enn** Eesti Päevaleht 2003 / 12. dets., lk. 1 : fot https://epl.delfi.ee/artikkel/50971573/tehnikaulikooli-instituut-sai-eesti-kalleima-teadusseadme

Terahertz radiation from nonstoichiometric CuInSe2 films excited by femtosecond laser pulses
Adomavicius, Ramunas; Krotkus, Arunas; **Kois, Julia**; **Bereznev, Sergei**; **Mellikov, Enn** Applied physics letters 2005 / 19, [3] p https://doi.org/10.1063/1.2126796

The effect of sodium doping to CuInSe2 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 extraction, structure, and gelling properties of hybrid galactan from the red alga Furcellaria lumbricalis (Balti Sea, Estonia)
Tuvikene, Rando; Truus, Kalle; Robal, Marju; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis**; Kollist, Andres; **Kailas, Tiiu**; **Vaher, Merike** Journal of applied phycology 2009 / [13] p.: ill https://link.springer.com/article/10.1007/s10811-009-9425-x

The extraction, structure, and gelling properties of hybrid galactan from the red alga Furcellaria lumbricalis (Baltic Sea, Estonia)
Tuvikene, Rando; Truus, Kalle; Robal, Marju; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis**; Kollist, Andres; **Kailas, Tiiu**; **Vaher, Merike** Journal of applied phycology 2010 / p. 51-63 : ill https://link.springer.com/article/10.1007/s10811-009-9425-x

The influence of doping with donor type impurities on the properties of CuInSe2
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 use and research in renewables in Estonia
Mellikov, Enn Abstracts of the Conference " Renewable Energy Technologies in Cold Climates '98", Montreal, Canada 1998 / p. 14

The use and research of renewables in Estonia
Mellikov, Enn Renewable Energy Technologies in Cold Climates '98 : an International Conference : incorporating the 24th Annual Conference of the Solar Energy Society of Canada Inc. (SESCI), 4-6 May 1998, Montreal, Quebec, Canada : proceedings 1998 / p. 211-215: ill

Thermal annealing of sequentially deposited SnS thin films
Safonova, Maria; Nair, Padmanabhan Pankajakshy Karunakaran; **Mellikov, Enn**; Aragon, Rebeca; **Kerm, Karin**; **Naidu, Revathi**; **Mikli, Valdek**; **Volobujeva, Olga** Proceedings of the Estonian Academy of Sciences 2015 / p. 488-494 : ill
https://doi.org/10.3176/proc.2015.4.04 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal decomposition of dichlorobis(thiourea)cadmium(II) in inert and oxidative atmosphere
Krunks, Malle; Madarasz, Janos; Hiltunen, L.; Mannonen, R.; **Mellikov, Enn**; Niinistö, L. Abstracts of Symposium on Thermal Analysis, Sopron, Hungary 1995 / p. 84

Thermal stability of red algal galactans: Effect of molecular structure and counterions
Robal, Marju; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn**; Tuvikene, Rando International journal of biological macromolecules 2017 / p. 213-223 : ill https://doi.org/10.1016/j.ijbiomac.2017.05.175 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermodynamic modelling of electronic materials
Mellikov, Enn; **Öpik, Andres** Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 1, p. 13-22: ill

Thin film solar cells : fundamental studies for improved materials and devices
Mellikov, Enn Renewable Energies Technologies and Strategies in Central and Eastern European Countries, Sophia Antipolis (FR), 19-21 October 1998 : abstracts 1998 / p. 47

Thin films by laser ablation
Podgurski, Vitali; **Kruusing, Arvi**; **Altosaar, Mare**; **Krunks, Malle**; **Mellikov, Enn** International Conference Advanced Optical Materials and Devices, Riga, 1996 1996 / p. 199

Thin tin monosulfide films deposited with the HVE method for photovoltaic applications = Tanka plast hve kositrovega monosulfida za uporabo v fotovoltaiki
Naidu, Revathi; **Bereznev, Sergei**; **Lehner, Julia**; **Traksmaa, Rainer**; **Safonova, Maria**; **Mellikov, Enn**; **Volobujeva, Olga** Materials and technology 2015 / p. 149-152 : ill http://mit.imt.si/Revija/izvodi/mit151/revathi.pdf

TTÜ osaleb päikesepatareide arendusfirma loomises : [Enn Mellikovi kommentaariga]
Mellikov, Enn Keskkonnatehnika 2008 / 4, lk. 6

TTÜ osaleb päikesepatareide arendusfirmas : [Enn Mellikovi kommentaariga]
Mellikov, Enn Mente et Manu 2008 / 30. mai, lk. 3 https://www.ester.ee/record=b1242496*est

Valgusvoolu poole mineja : intervjuu loodusteaduste valdkonnas Eesti Vabariigi teaduse elutööpreemia saaja akadeemik Enn Mellikoviga
Mellikov, Enn; **Strandberg, Marek** Sirp 2013 / lk. 10-11 : fot https://sirp.ee/s1-artiklid/c9-sotsiaalia/valgusvoolu-poole-mineja/

Vetikapolüsahhariidide termostabiilsus : struktuur-omadus seosed
Robal, Marju; Tuvikene, Rando; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn**; Pehk, Tõnis XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 19 : ill

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

Анализ сульфидов меди разных степеней окисления вольтамперометрии с пастовым электродом
Vidrevitš, Marina; Uritskaja, Alla; Kitajev, G.; **Mellikov, Enn**; **Krunks, Malle** Заводская лаборатория : ежемесячный научно-технический журнал 1984 / с. 17-19

Вакуумный отжиг порошкообразного селенида кадмия для получения материала постоянного состава
Hiie, Jaan; **Mellikov, Enn**; Buzmakova, I. Полупроводниковые материалы. 2 1972 / с. 23-28 : илл
https://www.ester.ee/record=b1476073*est https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005

Взаимодействие порошков сульфида и селенида кадмия с различными газовыми средами
Mellikov, Enn; **Palmre, Õie**; **Türn, Leo**; **Iljina, Natalja**; **Hiie, Jaan** Дефекты структуры и свойства керамики : Тезисы докладов : Четвертое Всесоюзное совещание по химии твердого тела, 11-13 июня 1985 г. Ч. 3 1985 / с. 45

Влияние вакуумного отжига на электрофизические свойства порошкообразных CdS и CdSe
Mellikov, Enn; **Hiie, Jaan**; **Kukk, Peeter-Enn**; **Karpenko, I.V.** Известия Академии наук СССР. Неорганические материалы 1982 / с. 363-365 : ил https://www.ester.ee/record=b1611497*est

Влияние кислорода на образование проводящего порошкообразного сульфида кадмия
Hiie, Jaan; **Mellikov, Enn**; Buzmakova, I. Полупроводниковые материалы. 2 1972 / с. 29-37 : илл
https://www.ester.ee/record=b1476073*est https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005

Влияние кислорода на фотоэлектрические свойства сульфида кадмия в процессе высокотемпературной кристаллизации
Buzmakova, I.; **Hiie, Jaan**; **Mellikov, Enn** 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. 24 https://www.ester.ee/record=b1379468*est

Влияние концентрации плавней полисульфидов натрия и калия на механизм кристаллизации, морфологию кристаллов и оптико-электрические свойства люминофоров на основе CdS
Mellikov, Enn Тезисы XXIII Всесоюзной конференции по люминесценции 1976 / с. 196 https://www.ester.ee/record=b3798280*est

Влияние концентрации плавня на рекристаллизацию порошка сульфида кадмия
Mellikov, Enn; Teras, A.O. I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с. 199 https://www.ester.ee/record=b1309964*est

Влияние обработки поверхности на электрические свойства монозернистых слоев
Iljina, 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 плавня на формирование люминофора на основе сульфида кадмия
Hiie, Jaan; **Mellikov, Enn**; **Krunks, Malle**; **Varvas, Jüri** Материалы XXI Совещания по люминесценции. (Кристаллофосфоры). 9-12 октября 1973 г 1973 / с. 94-95

Влияние природы галогенидного плавня на механизм кристаллизации и морфологию кристаллов люминофоров на основе CdS и CdSe
Mellikov, Enn; **Hiie, Jaan**; **Krunks, Malle**; **Varvas, Jüri** Тезисы XXIII Всесоюзной конференции по люминесценции 1976 / с. 200 https://www.ester.ee/record=b3798280*est

Влияние природы плавня на механизм кристаллизации и морфологию кристаллов люминофоров на основе CdS и CdSe
Mellikov, Enn; **Hiie, Jaan**; **Krunks, Malle**; **Varvas, Jüri** Известия Академии наук СССР. Серия физическая 1976 / с. [2361]-2363 : ил https://www.ester.ee/record=b2367543*est

Влияние природы плавня на морфологию рекристаллизованного порошка
Mellikov, Enn; **Hiie, Jaan** Полупроводниковые материалы. 3 1976 / с. 119-126 : илл https://www.ester.ee/record=b1403374*est https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

Влияние природы плавня на морфологию рекристаллизованного порошка сульфида кадмия
Mellikov, Enn; Külа, H.F. I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с. 198 https://www.ester.ee/record=b1309964*est

Влияние расплавленных CdCl2 и Na2Sx на совершенство частиц порошка CdS
Mellikov, Enn; **Hiie, Jaan** Известия Академии наук СССР. Неорганические материалы 1981 / с. 1562-1564 : ил https://www.ester.ee/record=b1611497*est

Влияние условий термической обработки на образование фоточувствительности в порошках CdS
Veel, Ene; **Krunks, Malle**; **Hiie, Jaan**; **Mellikov, Enn** Полупроводниковые материалы. 3 1976 / с. 87-94 : илл https://www.ester.ee/record=b1403374*est https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

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

Влияние щелочных металлов на электрические и люминесцентные свойства рекристаллизованного порошка
Mellikov, Enn II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 : тезисы докладов. Часть 2 1977 / с. 118-119 https://www.ester.ee/record=b1308855*est

Выращивание кристаллов CdS реакцией в водном растворе
Murašev, P.; **Hiie, Jaan**; **Mellikov, Enn** 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. 32 https://www.ester.ee/record=b1379468*est

Дезоксидация и рекристаллизация "люминофорного" CdS при его прокаливании в H2 и H2S
Veel, Ene; **Krunks, Malle**; **Hiie, Jaan**; **Mellikov, Enn**; **Türn, Leo** Полупроводниковые материалы. 3 1976 / с. 133-138 : илл https://www.ester.ee/record=b1403374*est https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

Жидкофазное спекание и рост кристаллов порошка сульфида кадмия
Mellikov, Enn; **Hiie, Jaan**; **Krunks, Malle**; **Varvas, Jüri** Порошковая металлургия : (Тезисы докладов XII Всесоюзной научно-технической конференции по порошковой металлургии, окт. 1975 г.) 1975 / с. 105-108

Измерение СВЧ фотопроводимости в материалах с высокой проводимостью

Vallaste, Heikki; **Mellikov, Enn**; **Tuvike, Tiit**; **Palmre, Õie** Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 57-63

Изучение рекристаллизации порошков халькогенидов кадмия
Hiie, Jaan; **Mellikov, Enn**; **Krunks, Malle** Второе всесоюзное совещание по химии твердого тела, 11-13 мая 1978 г. : тезисы докладов : [в 2-х частях] 1978 / с. 57 https://www.ester.ee/record=b4433699*est

Исследование взаимодействия хлоридного плавня с сульфидом кадмия
Koit, E.; **Hiie, Jaan**; **Mellikov, Enn** 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. 27 https://www.ester.ee/record=b1379468*est

Исследование влияния высоких концентраций плавня на фотоэлектрические свойства сульфида кадмия, активированного медью
Salk, M.; **Hiie, Jaan**; **Mellikov, Enn** 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.32 https://www.ester.ee/record=b1379468*est

Исследование влияния хлористого кадмия на образование поликристаллического проводящего сульфида кадмия
Varvas, Jüri; **Hiie, Jaan**; **Mellikov, Enn** Полупроводниковые материалы. 1 1969 / с. 43-58 : илл
https://www.ester.ee/record=b1346474*est https://digikogu.taltech.ee/et/Item/da24f532-932d-41c5-8925-a52dfa4b18c8/

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

Исследование фоточувствительности в порошковом примесном сульфиде кадмия бесконтактным методом
Mellikov, Enn; **Palmre, Õie**; **Tuvike, Tiit**; **Hiie, Jaan** Дефекты структуры и свойства керамики : Тезисы докладов : Четвертое Всесоюзное совещание по химии твердого тела, 11-13 июня 1985 г. Ч. 3 1985 / с. 128

Кинетика получения тонкопленочных варизонных структур методом химического замещания
Mellikov, Enn; Kulša, A.; Lotšako, V. Синтез и исследование халькогенидных пленок : тезисы докладов уральской конференции (14-16 окт.) 1986 / с. [?]

Кинетика твердорезкого замещения в системе
Kašina, I.; Kulša, A.; Lomako, V.; **Mellikov, Enn**; **Palmre, Õie** V всесоюзное совещание "Синтез, свойства, исследования, технология и применение люминофоров" (Ставрополь, 16-18 окт. 1985 г.) : Тезисы докладов 1985 / с. 131

Кинетика формирования люминофора на основе сульфида кадмия
Hiie, Jaan; **Mellikov, Enn**; **Krunks, Malle** Материалы XXI Совещания по люминесценции. (Кристаллофосфоры). 9-12 октября 1973 г 1973 / с. 93-94

Кинетика формирования сульфоселенида кадмия
Krunks, Malle; **Mellikov, Enn** I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с. 192-193 https://www.ester.ee/record=b1309964*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

Механизм и кинетика синтеза полисульфидов натрия и калия
Mellikov, Enn Первое всесоюзное совещание по химии и технологии халькогенов и халькогенидов : тезисы докладов 1978 / с. 64-65

Механизм рекристаллизации порошка CdS в полисульфидных плавнях
Mellikov, Enn Полупроводниковые материалы. 3 1976 / с. 53-62 : илл https://www.ester.ee/record=b1403374*est
https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

Механизм, кинетика роста и морфология кристаллов CdS
Mellikov, Enn; **Hiie, Jaan** V Всесоюзное совещание по росту кристаллов : Тезисы совещания, Тбилиси, 16-19 сент. 1977 г.. Т. 1: Механизм и кинетика кристаллизации 1977 / с. 146-147

Микрофотодетекторы на основе зерен узкодисперсных порошков соединений AIIBVI

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

Микрофотоприемники на основе зерен узкодисперсных порошков соединений AIIBVI
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

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 AIIBVI 1981 / с. 3-11 : илл
https://www.ester.ee/record=b1533413*est https://digikogu.taltech.ee/et/Item/dceb76ed-f60b-4ce9-b87e-618a41d25bb8

Некоторые вопросы активации монозернистых порошков сульфоселенидов кадмия
Krunks, Malle; **Veel, Ene**; **Hiie, Jaan**; **Mellikov, Enn** Полупроводниковые материалы. 3 1976 / с. 127-132 : илл
https://www.ester.ee/record=b1403374*est https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

Некоторые вопросы роста химически пульверизованных пленок сульфида кадмия
Krunks, Malle; **Mellikov, Enn** III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 5 https://www.ester.ee/record=b1280470*est

Некоторые вопросы технологии монозернистых порошков CdS
Mellikov, Enn Тезисы докладов [VI] Конференции по технологии получения, исследованию свойств, применению редких металлов их соединений и полупроводниковых материалов : Посвященный XXV съезду КПСС 1976 / с. 32

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

Образование пленок CdS и CdZnS при химической пульверизации растворов
Krunks, Malle; **Mellikov, Enn**; Karpenko, I.V. Физическая химия соединений AIIBVI 1981 / с. 35-42 : илл
https://www.ester.ee/record=b1533413*est https://digikogu.taltech.ee/et/Item/dceb76ed-f60b-4ce9-b87e-618a41d25bb8

Образование сульфида кадмия при термораспаде продуктов взаимодействия тиомочевины с хлоридом кадмия
Krunks, Malle; **Mellikov, Enn**; **Sork, Eeve** Журнал неорганической химии 1985 / с. 1373-1376
https://www.ester.ee/record=b1443384*est

Образование химически пульверизованных пленок CdS и Cd 1-x ZnxS : автореферат ... кандидата химических наук (02.00.04)
Krunks, Malle 1985 https://www.ester.ee/record=b1520403*est

Определение квазихимических параметров точечных дефектов в полупроводниковых соединениях
Kukk, Peeter-Enn; **Aarna, Heiti**; **Altosaar, Mare**; **Mädasson, Jaan**; **Mellikov, Enn**; **Aarna, Agu** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1985 / с. 247-252 https://www.ester.ee/record=b1264984*est https://www.etera.ee/zoom/19218/view?page=1&p=separate&view=0,0,2465,3986

Определение природы центров рекомбинации полупроводников физико-химическими методами
Altosaar, Mare; **Kukk, Peeter-Enn**; **Mellikov, Enn**; Moin, M. II республиканская конференция по фотоэлектрическим явлениям в полупроводниках, (Одесса, сентябрь 1982 г.) : тезисы докладов 1982 / с. [18-19]

Оптические и структурное свойства пленок ZrvxCd1-xS, полученных твердофазным занещением
Kulša, A.; Lomako, V.; **Mellikov, Enn** Неорганические материалы 1985 / с. 1286-1289 https://www.ester.ee/record=b1611497*est

Особенности легирования монозернистого селенида кадмия хлором и медью
Hiie, Jaan; **Mellikov, Enn**; **Krunks, 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 / c. 112

Перспективы применения датчиков и преобразователей излучения в народном хозяйстве
Mellikov, Enn 1988 https://www.ester.ee/record=b1524288*est

Поглощение СВЧ-излучения в примесном сульфиде кадмия
Palmre, Õie; **Mellikov, Enn**; **Hiie, Jaan**; **Tuvike, Tiit**; **Klepikova, N.V.** Физическая химия соединений AIIBVI 1984 / c. 59-65

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

Полупроводниковые материалы
Rusalep, Ervin; **Kukk, 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.; **Kukk, 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
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

Прошел год : лаборатория оптоэлектронных материалов
Mellikov, Enn Tallinna Polütehnik : TPI parteikomitee, rektoraadi, komsomolikomitee, ametiühingukomitee häälekandja 1988 / c. 3 https://www.ester.ee/record=b1254708*est https://digikogu.taltech.ee/et/Item/3cfd17a0-d98c-4a76-8aac-ee61f9acca5a

Разработка методики определения хлора, растворенного в кристаллической решетке люминофоров на основе CdS и CdSe
Mellikov, Enn; **Hiie, Jaan**; Kokk, Heino Analītiskā ķīmija : Baltijas republiku, Baltkrievijas PSR un Kaļiņingradas apgabala otrās zinātniskās konferences tēzes : Rīga, 1976. gada 9.-10. septembrī = Аналитическая химия : вторая научная конференция Прибалтийских республик, Белорусской ССР и Калининградской области : тезисы докладов : г. Рига, 9-10 сентября 1976 года. I 1976 / c. 82-83 https://www.ester.ee/record=b2563176*est https://inis.iaea.org/collection/NCLCollectionStore/_Public/09/375/9375215.pdf

Разработка методики определения хлора, растворенного в кристаллической решетке сульфида кадмия
Mellikov, Enn; Roos, Õ. I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / c. 189 https://www.ester.ee/record=b1309964*est

Разработка технологии синтеза полисульфидов натрия и калия
Mellikov, Enn Тезисы докладов [VI] Конференции по технологии получения, исследованию свойств, применению редких металлов их соединений и полупроводниковых материалов : Посвященный XXV съезду КПСС 1976 / c. 52

Разработка фоточувствительного сульфида кадмия для применения в областях СВЧ и ионизирущего излучения
Veel, Ene; **Krunks, Malle**; **Hiie, Jaan**; **Mellikov, Enn** Тезисы докладов Конференции по технологии получения, исследованию свойств, применению редких металлов, их соединений и полупроводниковых материалов 1976 / c. 209

Рекристаллизация порошка сульфида кадмия
Mellikov, Enn; **Hiie, Jaan** Влияние нестехиометрии на свойства соединений переходных металлов : сборник научных трудов 1986 / c. 71-80 https://www.ester.ee/record=b3789078*est

Рекристаллизация порошка сульфида кадмия, активированная расплавленными растворителями
Mellikov, Enn; **Hiie, Jaan** Журнал неорганической химии 1981 / c. 2304-2309 : ил https://www.ester.ee/record=b1443384*est

Рекристаллизация порошков AIIBVI
Mellikov, Enn Электрофизические свойства полупроводниковых и диэлектрических материалов 1988 / c. 46-56

Рекристаллизация порошков сульфида кадмия
Mellikov, Enn; **Hiie, Jaan**; **Krunks, Malle**; **Iljina, Natalja** Всесоюзное совещание "Реальная структура неорганических жаростойких и жаропрочных материалов, 9-12 октября" [Текст] : Тезисы докладов 1979 / c. [?]

Рекристаллизация порошков халькогенидов кадмия в присутствии плавня
Küla, H.; **Urb, G.**; **Sikemäe, P.**; **Teras, A.**; **Mellikov, Enn** XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 2 1974 / с. 353
https://www.ester.ee/record=b1306141*est

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

СВЧ - методы для аналитического контроля состава люминофоров
Palmre, Õie; **Tuvike, Tiit**; **Vallaste, Heikki**; **Mellikov, Enn** V всесоюзное совещание "Синтез, свойства, исследования, технология и применение люминофоров" (Ставрополь, 16-18 окт. 1985 г.) : Тезисы докладов 1985 / с. 112

Синтез и применение узкодисперсных порошков сульфида и селенида кадмия
Krunks, Malle; **Mellikov, Enn**; **Hiie, Jaan** Дисперсные кристаллические порошки в материаловедении : доклады семинара 1980 / с. 67

Синтез монозернистых порошков сульфоселенида кадмия
Krunks, Malle; **Mellikov, Enn**; **Hiie, Jaan**; **Veel, Ene** Полупроводниковые материалы. 3 1976 / с. 63-69 : илл
https://www.ester.ee/record=b1403374*est https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

Создание основ направленного синтеза оптоэлектронных материалов AII BУ1 и разработка на их основе полупроводниковых приборов : автореферат ... кандидата технических наук
Mellikov, Enn 1988 https://www.ester.ee/record=b1524292*est

Структурные и оптические свойства химически пульверизованных пленок сульфида кадмия
Krunks, Malle; **Mellikov, Enn**; **Sork, Eeve**; Vidrevitš, Marina Физическая химия соединений AIIBVI 1984 / с. 49-58

Твердофазная рекристаллизация порошка сульфида кадмия
Mellikov, Enn; **Veel, Ene**; **Krunks, Malle**; **Hiie, Jaan** Кинетика и механизм реакций в твердом теле : тезисы докладов Всесоюзного совещания.1(25-27 ноября 1981 г.) 1981 / с. [?]

Термическое разложение тиомочевинных комплексов
Krunks, Malle; **Mellikov, Enn**; **Sork, Eeve** Синтез и исследование халькогенидных пленок : тезисы докладов уральской конференции (14-16 окт.) 1986 / с. ?

Термическое разложение тиомочевинных комплексов кадмия
Krunks, Malle; **Mellikov, Enn** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-22: ill

Узкодисперсные порошки CdS и CdSe заданными гранулометрическими, морфологическими и электро-физическими свойствами
Mellikov, Enn; **Hiie, Jaan**; **Altosaar, Mare**; **Varvas, Jüri** Получение и свойства полупроводниковых соединений типа A II B VI и A IV B VI и твердых растворов на их основе : Тезисы докладов первой всесоюзой научно-технической конференции, МИСиС 1-4 февр. 1977 / с. 42-43

Улучшение однородности исходных порошковых материалов CdS, используемых при вакуумном напылении пленок
Mellikov, Enn; **Hiie, Jaan**; Karpenko, I.V.; Putškova, K.N.; **Rändur, Õie**; **Krunks, Malle**; **Veel, Ene**; **Türn, Leo** Полупроводниковые материалы. 3 1976 / с. 43-51 https://www.ester.ee/record=b1403374*est https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b

Уравнение гранулометрическим составом порошковых сульфидов цинка и кадмия
Mellikov, Enn; **Hiie, Jaan** V всесоюзное совещание "Синтез, свойства, исследования, технология и применение люминофоров" (Ставрополь, 16-18 окт. 1985 г.) : Тезисы докладов. Ч. 2 1985 / с. 122

Физико-химические основы легирования CdS хлоридом кадмия
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn**; **Kerm, Karin** Легирование полупроводников : [сборник статей] 1982 / с. 59-62 : ил
https://www.ester.ee/record=b1680571*est

Физико-химические основы легирования CdS хлоридом кадмия
Hiie, Jaan; **Altosaar, Mare**; **Mellikov, Enn** Четвертая Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 16-18 окт. 1979 г. : Тезисы докладов 1979 / с. 58

Физико-химическое исследование процессов при рекристаллизации порошков сульфида кадмия : автореферат ... кандидата химических наук (02.00.04)
Mellikov, Enn 1977 https://www.ester.ee/record=b1524271*est

Физико-химическое исследование систем "основное вещество-растворитель"
Mellikov, Enn; **Hiie, Jaan** V Всесоюзное совещание по физико-химическому анализу, 13-15 сент. 1976 г., Москва : Тезисы докладов 1976 / с. 138

Фотолюминесценция гетероструктур на основе сульфида кадмия
Erm, Ants; **Krunks, Malle**; **Piibe, Toomas**; **Mellikov, Enn** Полупроводники и гетеропереходы : сборник статей 1987 / с. 41-43 : илл https://www.ester.ee/record=b1262177*est

Фотолюминесценция как метод оценки качества химически пульверизованных пленок
Erm, Ants; **Krunks, Malle**; **Mellikov, Enn** Применение металлоорганических соединений для получения неорганических покрытий и материалов : тезисы докладов V всесоюзного совещания, Горький, 8-10 сентября 1987 г. 1987 / с. 191-192 https://www.ester.ee/record=b2351386*est

Фотолюминесценция химически пульверизованных пленок
Erm, Ants; **Krunks, Malle**; **Mellikov, Enn** Электрофизические свойства полупроводниковых и диэлектрических материалов 1988 / с. 85-93

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 монозернистые 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

Фотоэлектрические свойства пленочного гетероперехода ZnS-CdS
Kulša, A.; Lomako, V.; **Mellikov, Enn**; **Hiie, Jaan** Полупроводниковые гетеропереходы : тезисы докладов II республиканской конференции, Эльва 24-26 ноября 1982 г 1982 / с. 30 https://www.ester.ee/record=b1304403*est

Химические методы в технологии тонких пленок и гетеропереходов на их основе
Krunks, Malle; **Kulša, D.**; **Mellikov, Enn** I Всесоюзная конференция по физике и технологии тонких пленок (явления переноса), г. Ивано-Франковск, 11-13 мая 1981 г. : тезисы докладов 1984 / с. 93

Центры рекомбинации в сильно легированным медью и хлором сульфиде кадмия
Kukk, Peeter-Enn; **Erm, Ants**; **Altosaar, Mare**; **Mellikov, Enn** Український фізичний журнал : науковий журнал = Украинский физический журнал = Ukrainian Journal of Physics 1981 / с. 990-994 : илл https://www.ester.ee/record=b1361425*est

Электроосаждение полипиррола в качестве тыльного контакта для солнечного элемента CdS/CdTe
Bereznev, Sergei; **Kois, Julia**; **Jarkov, Aleksandr**; **Öpik, Andres**; **Mellikov, Enn** Шестая Всероссийская Каргинская конференция "Полимеры - 2014". Том I, Программа конференции и сборник тезисов пленарных, приглашённых, и устных докладов 2014 / с. 165

Электрофизические свойства тонкопленочных барьеров шоттки на основе сульфида кадмия, изготовленного методом химической пульверизации
Krunks, Malle; **Mellikov, Enn**; **Seilenthal, Mats** Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 49-55