

Broad-band photoluminescence of donor-acceptor pairs in tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ microcrystals
Krustok, Jüri; Raadik, Taavi; Kaupmees, Reelika; Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Grossberg, Maarja Journal of physics D: applied physics 2021 / art. 105102, 7 p. : ill <https://doi.org/10.1088/1361-6463/abce29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical composition of sprayed copper indium disulfide films for nanostructured solar cells = Pihustatud vaskindiumdisulfid-kilede keemiline koostis ja rakendus nanostruktuursetes päikesepatareides
Katerski, Atanas 2011 <https://digi.lib.ttu.ee/i/?524>

Cost-effective sprayed CuInS₂ films for solar cells
Blums, J.; Krunks, Malle; Mere, Arvo 17th European PVSEC1 : book of abstracts 2001 / p. B1.50

Deposition of copper indium disulphide films by chemical spray pyrolysis
Kijatkina, Olga 2004 https://www.ester.ee/record=b1926863*est

Deposition of In₂S₃ thin films by chemical spray pyrolysis = In₂S₃ õhukesed kiled keemilise pihustuspürolüüsi meetodil
Otto, Kairi 2012 https://www.ester.ee/record=b2887804*est

Development of CdTe absorber layer for thin-film solar cells = CdTe absorberkile arendamine õhukesekilelistele päikesepatareidele
Spalatu, Nicolae 2017 <https://digi.lib.ttu.ee/i/?7230> https://www.ester.ee/record=b4649791*est

Electrochemical deposition of compound semiconductor thin films
Altosaar, Mare; Hiesgen, Renate; Guo, Ycping; Meissner, Dieter Baltic Conference on Interfacial Electrochemistry, June 14-18, 1996, Tartu : extended abstracts 1996 / p. 29-31

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

Electronic and structural characterisation of Cu₃BiS₃ thin films for the absorber layer of sustainable photovoltaics
Yakushev, M.V.; Maiello, P.; Raadik, Taavi; Krustok, Jüri Thin solid films 2014 / p. 195-199 : ill <https://doi.org/10.1016/j.tsf.2014.04.057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Formation of Cu₂ZnSnS₄ and Cu₂ZnSnSe₄ by chalcogenisation of electrochemically deposited precursor layers = Cu₂ZnSnSe₄ ja Cu₂ZnSnS₄ moodustumine elektrokeemiliselt sadestatud kihtide kalkogeniseerimisel
Lehner, Julia 2014 https://www.ester.ee/record=b3080859*est

Investigation of the structural, optical and electrical properties of Cu₃BiS₃ semiconducting thin films
Yakushev, M. V.; Maiello, P.; Raadik, Taavi; Krustok, Jüri Energy procedia 2014 / p. 166-172 : ill <https://doi.org/10.1016/j.egypro.2014.12.359> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Multilayer structures based on poly(paraphenylene-polypyrrole) blend semiconductive films deposited on light transparent substrates
Golovtsov, Igor; Öpik, Andres Proceedings of Baltic Polymer Symposium 2002, Nida, September 18-20, 2002 2002 / p. 156-161 : ill

Nanostructured solar cell based on spray pyrolysis deposited ZnO nanorod array
Krunk, Malle; Katerski, Atanas; Dedova, Tatjana; Oja Acik, Ilona; Mere, Arvo Solar energy materials & solar cells 2008 / p. 1016-1019 : ill <https://www.sciencedirect.com/science/article/pii/S0927024808000871>

Properties of ZnO-nanorod/In₂S₃/CuInS₂ solar cell and the constituent layers deposited by chemical spray method = Keemilise pihustuse meetodil sadestatud ZnO-nanovarras/In₂S₃/CuInS₂ päikesepatarei ja selle koostisosade omadused
Kärber, Erki 2014 https://www.ester.ee/record=b3073760*est

Pulsed laser deposition of Zn(O,Se) layers for optoelectronic applications
Ibrahim, Akram Abdalla Mohammed; Bereznev, Sergei GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 13 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Pulsed laser deposition of Zn(O,Se) layers for optoelectronic applications = Impulsslaser-sadestatud Zn(O,Se) kiled optoelektronseteks rakendusteks

Ibrahim, Akram Abdalla Mohammed 2021 <https://digikogu.taltech.ee/et/Item/0d07be7f-3737-4350-9de4-80f32df036de>
https://www.ester.ee/record=b5470705*est <https://doi.org/10.23658/taltech.57/2021>

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

Solar cells based on polycrystalline copper-indium chalcogenides and conductive polymers

Bereznev, Sergei 2003 http://www.ester.ee/record=b1558007*est

Structural and electrical properties of spray deposited copper indium disulphide films for solar cells =

Pihustussadestatud vaskindiumsulfiidkilede struktuursed ja elektrilised omadused ning rakendus päikesepatareides

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

Study of In₂S₃ and ZnS thin films deposited by ultrasonic spray pyrolysis and chemical deposition = Ultraheli

pihustuspürolüüsi ja keemilise sadestamise meetodil kasvatatud In₂S₃ ja ZnS õhukeste kilede uurimine

Ernits, Kaia 2009 <https://digi.lib.ttu.ee/i/?452> https://www.ester.ee/record=b2524289*est

Surface analysis of spray deposited copper indium disulfide films

Katerski, Atanas; Mere, Arvo; Kazlauskienė, Vida; Miskinis, Juozas; Saar, Agu; Matisen, Leonard; Kikas, Arvo; Krunks, Malle Thin solid films 2008 / p. 7110-7115 : ill

Thin tin monosulfide films deposited with the HVE method for photovoltaic applications = Tanka plast hve kositrovega monosulfida za uporabo v fotovoltaiiki

Naidu, Revathi; Bereznev, Sergei; Lehner, Julia; Traksmas, Rainer; Safonova, Maria; Mellikov, Enn; Volobujeva, Olga

Materials and technology 2015 / p. 149-152 : ill <http://mit.imt.si/Revija/izvodi/mit151/revathi.pdf>

Vesinikus lõõmutamise mõju CdS kilede omadustele

Maticiu, Natalia; Potlog, Tamara; Hiie, Jaan XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 61

X-ray photoelectron spectroscopy of spray pyrolysis deposited copper indium disulfide films

Katerski, Atanas; Kazlauskienė, Vida; Miskinis, Juozas; Krunks, Malle AOMD-5 : 5th International Conference Advanced Optical

Materials and Devices : Vilnius, Lithuania, 27-30 August, 2006 : program and abstracts 2006 / p. 20

Зависимость фазового состава химически пульверизованных пленок сульфида свинца от условий выращивания

Kern, Karin; Nirk, M.; Tönsberg, Pärtel Полупроводниковые материалы. 3 1976 / с. 81-85 : илл

https://www.ester.ee/record=b1403374*est <https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b>

Исследование условий получения фоточувствительных пленок сульфида кадмия и его аналогов методом химического распыления : автореферат ... кандидата технических наук (05.17.16)

Kern, Karin 1972 http://www.ester.ee/record=b1335103*est

Исследование элементов и систем управления температурой в реакторах эпитаксиального наращивания полупроводниковых пленок : автореферат ... кандидата технических наук (05.254)

Tarma, Mati 1970 https://www.ester.ee/record=b1521115*est

Лазерная абляция магнитных и полупроводниковых материалов : работа ... магистра технических наук

Podgurski, Vitali 1996 https://www.ester.ee/record=b2681294*est

Легирование тонких пленок CdS при их получении методом химической пульверизации

Krunks, Malle IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 106-107

https://www.ester.ee/record=b1309986*est

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

Образование химически пульверизованных пленок CdS и Cd 1-x Zn_xS : автореферат ... кандидата химических наук (02.00.04)

Krunks, Malle 1985 https://www.ester.ee/record=b1520403*est

Оптические и структурные свойства пленок $Zr_{1-x}Cd_xS$, полученных твердофазным занежением

Kulša, A.; Lomako, V.; Mellikov, Enn Неорганические материалы 1985 / с. 1286-1289 https://www.ester.ee/record=b1611497*est

Синтез фоточувствительных монокристаллических слоев сульфида и селенида кадмия : автореферат ... кандидата химических наук (02.00.04)

Iljina, Natalja 1986 http://www.ester.ee/record=b1846326*est

Структурные и оптические свойства химически pulverизованных пленок сульфида кадмия

Krunk, Malle; Mellikov, Enn; Sork, Eeve; Vidrevišt, Marina Физическая химия соединений AIIIVI 1984 / с. 49-58 : ил https://www.ester.ee/record=b1314940*est <https://digikogu.taltech.ee/et/Item/b5a40c2b-483d-4f6f-a3dd-9b72e498c226>

Фотопреобразователи CdS - Cu_2S на основе pulverизованных пленок

Varema, Tiit; Iljina, Natalja; Krunk, 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- Cu_2S на основе pulverизованных пленок

Krunk, 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

Электрические и структурные свойства химически pulverизованных пленок CdS

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