

An insight into interparticle forces and filterability of potassium sulphate crystals precipitated with ethanol and acetone [Electronic resource]

Louhi-Kultanen, Marjatta; Llansana Arnalot, A.; Nyström, Lars; **Kallas, Juha** ECCE-6 proceedings : 6th European Congress on Chemical Engineering (ECCE-6) : Copenhagen, 16-21 September 2007 / ? p. [CD-ROM]
https://folk.ntnu.no/skoge/prost/proceedings/ecce6_sep07/upload/685.pdf

Boiler surface cleaning from friable ash deposits by acoustic waves

Käär, Harri; Rudi, Ülo; **Siirde, Andres**; **Tiikma, Toomas** Proceedings of the Estonian Academy of Sciences. Engineering 1995 / 2, p. 199-206: ill

Calcium carbonate precipitation : modelling of reaction kinetics in tubular reactor

Hautaniemi, Marjaana; Impola, O.; Solismaa, P.; Kukkamäki, E.; **Kallas, Juha**; Louhi-Kultanen, Marjatta ISIC 18 : 18th International Symposium on Industrial Crystallization : 13-16 September 2011, Zurich, Switzerland : book of abstracts 2011 / p. 41-42 : ill

CDB CdS kile mitmekordse sadestamise protsess

Muska, Katri; **Hiie, Jaan** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 66-67

Characterization of the chemical bath deposited In(OH)_xSy films : effect of the growth conditions

Dedova, Tatjana; Wienke, J.; Goris, M.; **Krunks, Malle** Thin solid films 2007 / p. 6064-6067 : ill
<https://www.sciencedirect.com/science/article/pii/S0040609006016348>

Chemical bath deposition of ZnS films using different Zn-salts

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

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 hard titan-based coatings with minimized content of microdroplets phase by arc evaporation

Kulu, Priit; **Rudenja, Sergei**; **Mikli, Valdek** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 61-76: ill

Deposition of In₂S₃ thin films by chemical spray pyrolysis = In₂S₃ õhukesed kiled keemilise pihustuspirolüüsi meetodil

Otto, Kairi 2012 https://www.ester.ee/record=b2887804*est

Deposition of solid particles in laminar flat-plate boundary layer [Electronic resource]

Hussainov, Medhat; **Kartušinski, Aleksander**; **Rudi, Ülo**; **Štšeglov, Igor**; **Tisler, Sergei** 6th International Conference on Multiphase Flow : ICMF2007 : Leipzig, Germany, July 9-13 2007 / [8] p. [CD-ROM]

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; **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 Cu, In and Se for production of CuInSe₂ thin films

Altosaar, Mare; **Kois, Julia** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 16

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

Evaluation of residual stresses in PVD coatings by means of strip substrate length variation and curvature method of plate substrate

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakob; **Adoberg, Eron**; **Lind, Liina**; **Kurissoo, Liisa**; **Peetsalu, Priidu** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 212-218 <https://doi.org/10.4028/www.scientific.net/SSP.267.212> [Journal metrics at Scopus](https://doi.org/10.4028/www.scientific.net/SSP.267.212)
[Article at Scopus](https://doi.org/10.4028/www.scientific.net/SSP.267.212)

Evaluation of residual stresses in PVD coatings by means of the curvature method of plate

Lille, Harri; Ryabchikov, Alexander; **Adoberg, Eron; Kurissoo, Liisa; Peetsalu, Priidu; Lind, Liina** Engineering materials and tribology XXV 2017 / p. 404-408 <https://doi.org/10.4028/www.scientific.net/KEM.721.404> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Growth of Cu-rich/poor CuInS₂ thin films by the sequential modulated flux deposition technique

Bollero, Alberto; **Grossberg, Maarja; Raadik, Taavi**; Trigo, Juan Francisco; Herrero, Jose; Gutierrez, Ma Teresa Thin-film compound semiconductor photovoltaics - 2009 2009 / p. M02-06

Hard PVD coatings for tooling = PVD kõvapindede tööriistamajanduses

Gregor, Andre 2010 <https://digi.lib.ttu.ee/i/?495> https://www.ester.ee/record=b2607112*est

Homogeneous deposition of copper oxide on mesoporous 1D alumina nanofibres by combustion approach

Kirakosyan, Khachatur; Aghayan, Marina; Rodriguez, Miguel Angel; **Taleb, Masoud; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 97-100 : ill https://artiklid.elnet.ee/record=b2768206*est <https://doi.org/10.3176/proc.2016.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

In₂S₃ õhukeste kilede sadestamine pihustuspürolüüsi meetodil

Otto, Kairi; Katerski, Atanas; Mere, Arvo; Krunks, Malle XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 60

Influence of annealing conditions on the structural quality of CuInSe₂ thin films

Volobujeva, Olga; Kois, Julia; Traksmäe, 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 technological conditions on the properties of CBD CdS layers

Maticiu, Natalia; Hiie, Jaan; Potlog, Tamara CAS 2012 proceedings. Volume 1 : 2012 International Semiconductor Conference : October 15-17, Sinaia, Romania 2012 / p. 187-190 : ill https://ibn.idsi.md/vizualizare_articol/192476

In-line monitoring of reactive crystallization process based on ATR FTIR and Raman spectroscopy

Alatalo, Hannu; Kohonen, Jarno; Qu, Haiyan; Hatakka, Henry; Reinikainen, Satu-Pia; Louhi-Kultanen, Marjatta; **Kallas, Juha** 10th Scandinavian Symposium on Chemometrics : 11-15 June, Lappeenranta, Finland 2007 / ? p https://www.academia.edu/16648175/In_line_monitoring_of_reactive_crystallization_process_based_on_ATR_FTIR_and_Raman_spectroscopy

In(OH)xSy thin films by chemical bath deposition

Dedova, Tatjana; Krunks, Malle Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 82

In(OH)xSy õhukesed kiled keemilise vanni meetodil

Dedova, Tatjana; Krunks, Malle XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 8

Katlatorude veepoolsete sadestiste soojusjuhtivuse määramine

Vares, A.; Käär, Harri XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 71 https://www.ester.ee/record=b2449987*est

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

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

Keemiliselt sadestatud kaadmiumsulfidi kilede lõõmutamisel toimuvad struktuursed muutused

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

Keemilistel meetoditel sadestatud õhukesed kiled päikeseenergeetikale

Krunks, Malle; Oja, Ilona; Dedova, Tatjana; Mere, Arvo; Katerski, Atanas; Hiie, Jaan XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 47

Laser ablation and thermal evaporation of thin films and structures

Podgurski, Vitali 2001 https://www.ester.ee/record=b1507144*est

Madalsageduslike helilainete kasutamine sadestiste eemaldamiseks küttepindadelt

Käär, Harri; Rudi, Ülo; Siirde, Andres; Tiikma, Toomas Eesti Teaduste Akadeemia aastaaruanne 1994 1995 / lk. 52-53: ill

Mechanism of changes in the properties of chemically deposited CdS thin films induced by thermal annealing =

Keemiliselt sadestatud CdS õhukeste kilede omaduste muutumise mehhanism termilisel lõõmutamisel
Maticiuc, Natalia 2015 https://www.ester.ee/record=b4518170*est

Metalliühendite laserstimuleeritud sadestamise uurimine : aruanne : nr. G-429 : teadussuuna klass 1.7, 2.2
Kruusing, Arvi 1994

Multilayer structures based on polyparaphenylene-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

On determination of residual stresses in some PVD coatings by the curvature method

Lille, Harri; Ryabchikov, Alexander; Lind, Liina; Sergejev, Fjodor; Adoberg, Eron; Peetsalu, Priidu Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 378-382 : ill

Polypyrrole-polyparaphenylene blend films electrochemically deposited onto light transparent substrates

Golovtsov, Igor; Öpik, Andres International Conference on Science and Technology of Synthetic Metals : book of abstracts 2002 / p. 32

Production of magnesium carbonates from serpentinite for long-term storage of CO₂

Teir, Sebastian; Kuusik, Rein, keemik; Fogelholm, Carl-Johan; Zevenhoven, Ron International journal of mineral processing 2007 / [15] p <https://www.sciencedirect.com/science/article/pii/S0301751607001780>

Seedless electrodeposition of Cu on unmodified tungsten

Rudenja, Sergei; Wang, C. Electrochemical and solid state letters 2002 / 9, p. 27-30
<https://iopscience.iop.org/article/10.1149/1.1498015/pdf>

Spray pyrolysis deposition of nanostructured zinc oxide films

Krunk, Malle; Dedova, Tatjana; Oja, Ilona International Conference on Metallurgical Coatings and Thin Films : San Diego, California, May 1-5, 2006 : program and abstracts 2006 / p. 37

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

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

Structure and corrosion behaviour of hard coatings deposited by arc ion plating

Rudenja, Sergei Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 88-98: ill

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

Study on parameters affecting belt filtration of a metal precipitate suspension

Hirvisaari, S.; Ekberg, Bjorne; Rautanen, A.; Storbacka, S.; Häkkinen, Antti; Kallas, Juha Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14-18. 1 2008 / p. I-625 - I-629

Synthesis of Cu₂ZnSnS₄ nano-powders and nano-structured thin films = Cu₂ZnSnS₄ nano-pulbrite ja nano-struktuursete kilede süntees

Kumar, Suresh 2018 <https://digi.lib.ttu.ee/i/?10626> https://www.ester.ee/record=b5151482*est

ZnO grown by chemical solution deposition

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

Terase 12X1MΦ kõrgetemperatuurilise korrosiooni kiirenemine tuhasadestiste kloori mõjul

Tallermo, Harri; Lausmaa, Toomas; Klevtsov, Ivan; Nuutre, Maaris Energia Teataja = Энерговестник 1997 / lk. 12-16, 42-46: ill
https://www.ester.ee/record=b1072156*est

The influence of target surface alterations on pulsed laser deposited YBa₂Cu₃O_{7-x} film properties

Podgurski, Vitali Proceedings of the Estonian Academy of Sciences. Engineering 2000 / 1, p. 14-24 : ill
https://artiklid.elnet.ee/record=b1003509*est

The study of thermophysical properties of boiler furnace deposits

Tiikma, Toomas; Micevic, Zoran Tallinna Tehnikaülikooli Toimetised 1991 / lk. 37-50: ill

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

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

Thin films by wet chemical deposition techniques

Krunks, Malle AOMD-5 : 5th International Conference Advanced Optical Materials and Devices : Vilnius, Lithuania, 27-30 August, 2006 : program and abstracts 2006 / p. 89

Towards all inorganic antimony sulphide semitransparent solar cells

Pareek, Alka; Katerski, Atanas; Kriisa, Merike; Spalatu, Nicolae; Krunks, Malle; Oja Acik, Ilona Scientific reports 2024 / art. 1468 <https://doi.org/10.1038/s41598-025-85676-x>

Vesinikus lõõmutamise mõju CdS kilede omadustele

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

Õhuelsoojendi modelleerimise lendtuha sadestiste vastu võitlemise võimaluste uurimiseks

Soodla, Uve; Õpik, Ilmar Üliõpilaste teaduslike tööde kogumik. II 1956 / lk. 30-39 : ill https://www.ester.ee/record=b2180955*est
<https://digikogu.taltech.ee/et/Item/bceb6ff0-b706-4c4d-a5d9-2da3af1e3162>

Õhukeskilelised päikesepatareid pihustuspürolüüsi meetodil

Krunks, Malle Teadusmõte Eestis. 4, Tehnikateadused. 2 2007 / lk. 41-48 : ill

Õhukeste CuInSe₂ kilede saamine elektrokeemiliselt sadestatud elementidest

Altoaar, Mare; Kois, Julia XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 16

Влияние термического сопротивления отложений на работу рекуперативного теплообменника

Käär, Harri; Klevtsov, Ivan Исследование работы парогенераторов электростанций 1989 / с. 82-89

Выделение аденозинфосфатов путем осаждения

Pruul, Reet; Käär, Arvo Характеристика действия биокатализаторов 1988 / с. 90-94

Исследование осаждения калиевых соединений на цилиндрическую поверхность

Ots, Agu Теплоэнергетика : сборник статей. 12 1971 / с. 41-45 : илл https://www.ester.ee/record=b2190313*est
<https://digikogu.taltech.ee/et/Item/b5d52827-852f-4b06-9011-e964baabd316/>

Исследование распределения некоторых минеральных элементов молока при осаждении белка

Гаруцкайте, Раса; Семенас, Видмантас; Мартите, Гитана; Рамонайтите, Дануте 35 научная конференция студентов втузов Эстонии, Латвии, Литвы, Белоруссии и Молдовы : [Таллинн, 1991] : доклады. Секция химии и технологии пищевых продуктов. Секция биотехнологии 1991 / с. 10-12

К вопросу о закреплении графитовых частиц на поверхности теплообмена

Käär, Harri; Taukar, Andres Проблемы работы котельных установок тепловых электростанций 1983 / с. 45-48 : ил https://www.ester.ee/record=b1286798*est <https://digikogu.taltech.ee/et/Item/0d56b840-b3dc-4df9-823e-4c96cd509e77>

Новые технологии осаждения износостойких покрытий

Коняшин И.Ю.; Анিকেев А.И.; Леонов Е.Ю. Износостойкие порошковые материалы и покрытия : тезисы докладов второй конференции Балтийских республик 1991 / с. 44-46

Об осаждении частиц пыли на ширмовую поверхность

Rooraid, Hillar Теплоэнергетика : сборник статей. 4 1965 / с. 45-53 : илл https://www.ester.ee/record=b2182026*est
<https://digikogu.taltech.ee/et/Item/1a2e62bf-eb67-42b3-9ecd-e36a93a32460>

Образование хлоросодержащих отложений при сжигании эстонских сланцев

Suurkuusk, Tõnu; Tiikma, Toomas; Abram, Jaan Tallinna Tehnikaülikooli Toimetised 1992 / lk. 79-86: ill

Осаждение твердых частиц в ламинарном пограничном слое на плоской пластине

Hussainov, Medhat; Kartušinski, Aleksander; Krupenski, Igor; Tisler, Sergei; Štšeglov, Igor Теплофизика высоких температур 2009 / 6, с. 927-936

Промышленное испытание звуковой очистки экономайзера котла ТП-67 от наружных сыпучих отложений

Jõgeva, Jüri; Käär, Harri; Tiikma, Toomas Проблемы работы котельных установок тепловых электростанций 1989 / с. 29-35

Теплопроводность топочных золовых отложений

Micevic, Z; Tiikma, Toomas; Käär, Harri Проблемы работы котельных установок тепловых электростанций 1989 / с. 21-28