

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 pihustuspürolüüsi 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, Yeping; 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, Jakub; **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](#)
[Article at Scopus](#)

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 tööstustamajanduses

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; Traksmäa, 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

Maticiuc, 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 plasmasöövitus 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; Maticiuc, 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 terminisel lõõmutamisel
Maticiu, 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 zincoxide 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 In₂Se₃ and ZnS thin films deposited by ultrasonic spray pyrolysis and chemical deposition = Ultraheli pihustuspürolüüsi ja keemilise sadestamise meetodil kasvatatud In₂Se₃ 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

Õhueleelsoojendi modelleerimine 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>

Õhukesekilelised päikesepatareid pihustuspürolüüsi meetodil

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

Õhukeste CuInSe₂ kilede saamine elektrokeemiliselt sadestatud elementidest

Altosaar, 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.; Анисеев 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