

**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](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)<sub>x</sub>S<sub>y</sub> 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 CuInS<sub>2</sub> 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 In<sub>2</sub>S<sub>3</sub> thin films by chemical spray pyrolysis = In<sub>2</sub>S<sub>3</sub> õhukesed kiled keemilise pihustuspirolüüsi meetodil**

**Otto, Kairi** 2012 [https://www.ester.ee/record=b2887804\\*est](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/?7230> [https://www.ester.ee/record=b4649791\\*est](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 CuInSe<sub>2</sub> thin films**

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

**Electrochemical deposition of CuInSe<sub>2</sub>**

**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 CuInSe<sub>2</sub> thin films for photovoltaic applications = CuInSe<sub>2</sub> 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 <http://dx.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 <http://dx.doi.org/10.4028/www.scientific.net/KEM.721.404>

**Growth of Cu-rich/poor CuInS<sub>2</sub> 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 kõvapinded tööriistamajanduses**

**Gregor, Andre** 2010 <https://digi.lib.ttu.ee/i/?495> [https://www.ester.ee/record=b2607112\\*est](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://artiklid.elnet.ee/record=b2768206*est)

#### **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

#### **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](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](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 kaadmiumsulfiidi 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; Lughì, 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](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](https://www.ester.ee/record=b4518170*est)

#### **Metalliühendite laserstimuleeritud sadestamise uurimine : aruanne : nr. G-429 : teadussuuna klass 1.7, 2.2**

**Kruusing, Arvi** 1994

#### **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; Õpik, 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 CO<sub>2</sub>**

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>

### **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 CuInS<sub>2</sub> 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 In<sub>2</sub>SI and ZnS thin films deposited by ultrasonic spray pyrolysis and chemical deposition = Ultraheli pihustuspürolüüsi ja keemilise sadestamise meetodil kasvatatud In<sub>2</sub>SI ja ZnS õhukeste kilede uurimine**

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

### **Synthesis of Cu<sub>2</sub>ZnSnS<sub>4</sub> nano-powders and nano-structured thin films = Cu<sub>2</sub>ZnSnS<sub>4</sub> nano-pulbrite ja nano-struktuursete kilede süntees**

**Kumar, Suresh** 2018 <https://digi.lib.ttu.ee/i/?10626>

### **ZnO grown by chemical solution deposition**

**Kauk, Marit; Muska, Katri; Altosaar, Mare; Danilson, Mati; Õunpuu, 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](https://www.ester.ee/record=b1072156*est)

### **The influence of target surface alterations on pulsed laser deposited YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> 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](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; Gavrilov, Aleksei** Thin solid films 2008 / 20, p. 7008-7012 : ill

### **Thin films by wet chemical deposition techniques**

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

### **Vesinikus lõõmutamise mõju CdS kilede omadustele**

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

### **Õhuelsoojendi modelleerimise lenduha 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://www.ester.ee/record=b2180955*est) <https://digikogu.taltech.ee/et/Item/bceb6ff0-b706-4c4d-a5d9-2da3af1e3162>

### **Õhukekilelised päikesepatareid pihustuspürolüüsi meetodil**

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

### **Õhukeste CuInSe<sub>2</sub> kilede saamine elektrokeemiliselt sadestatud elementidest**

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

### **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://www.ester.ee/record=b2190313*est) <https://digikogu.taltech.ee/et/Item/b5d52827-852f-4b06-9011-e964baabd316/>

### **К вопросу о закреплении графитовых частиц на поверхности теплообмена**

**Käär, Harri; Taukar, A.** Проблемы работы котельных установок тепловых электростанций 1983 / с. 45-48

**Новые технологии осаждения износостойких покрытий**

Коняшин И.Ю.; Аникеев 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://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