

A multicomponent film model and evaluation of interfacial fluxes

Kallas, Juha Chemical engineering science = Le journal international de génie chimique 1980 / p. 464-465

https://www.ester.ee/record=b1199741*est

A sol-gel approach to self-formation of microtubular structures from metal alkoxide gel films

Järvekülg, Martin; Kälde, Jaan Physica status solidi (a) : applications and materials science 2012 / p. 2481-2486 : ill

<https://onlinelibrary.wiley.com/doi/abs/10.1002/pssa.201228371>

Active chitosan–chestnut extract films used for packaging and storage of fresh pasta

Kõrge, Kristi; Bajić, Marijan; Likozar, Blaž; Novak, Uroš International Journal of Food Science and Technology 2020 / p. 3043 - 3052

<https://doi.org/10.1111/ijfs.14569> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CDB CdS kile mitmekordse sadestamise protsess

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

CdS kilede saamine ja legeerimine keemilise pihustamise meetodil

Mell, U.; Krunks, Malle XXXII üliõpilaste teaduslik-tehniline konverentsi ettekannete teesid : pühendatud V. I. Lenini 110.

sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 123 https://www.ester.ee/record=b1322611*est

Characterization of polyaniline and polypyrrole films by contact electric resistance (CER) technique

Talo, A.; Idla, Katrin; Kukkonen, J.J.V.; Forsen, Olof Meeting abstracts / the Electrochemical Society and the International Society of Electrochemistry 1997 / p. 1493: ill

Conductivity of evaporated CdTe films

Nirk, Tiit Tallinna Tehnikaülikooli Toimetised 1994 / lk. 13-19: ill

Correlation between the UV-reflectance spectra and the structure of poly-Si films obtained by aluminium induced crystallization

Dimova-Malinovska, D.; Angelov, O.; Sendova-Vassileva, M.; Mikli, Valdek Journal of optoelectronics and advanced materials 2009 / 9, p. 1079-1085 https://www.researchgate.net/publication/288122478_Correlation_between_the_UV-reflectance_spectra_and_the_structure_of_poly-Si_films_obtained_by_Aluminium_Induced_Crystallization

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

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

CuInS2 kilede koostise uurimine XPS meetodil

Katerski, Atanas; Danilson, Mati; Mere, Arvo; Krunks, Malle XXXI Eesti keemiatänav : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 41

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

Development of Bi2S3 thin-film solar cells by close-spaced sublimation

Koltsov, Mykhailo; Krautmann, Robert; Gopi, Sajeesh Vadakkedath; Hiie, Jaan; Krunks, Malle; Oja Acik, Ilona; Spalatu, Nicolae Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 25 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Effect of composite layers based on dyes with different type of conductivity on photovoltaic properties of CIS films

Verbitsky, Anatoly; Vertsimakha, Yaroslav; Studzinsky, Sergei; Bereznev, Sergei ICEPOM-6 conference abstracts : 6th International Conference on Electronic Processes in Organic Materials : Gurzuf, Crimea, Ukraine, September 25-29, 2006 2006 / p. 54-55 https://www.researchgate.net/publication/233173021_Effect_of_Composite_Layers_Based_on_Dyes_with_Different_Types_of_Conductivity_on_Photovoltaic_Properties_of_CIS_Films

Electrical properties of sprayed CuInS2 films for solar cells

Mere, Arvo; Kijatkina, Olga; Rebane, Helen; Krustok, Jüri; Krunks, Malle Journal of physics and chemistry of solids 2003 / Issues 9/10, p. 2025-2029 : ill

Formation and properties of chemically sprayed ZnO films

Krunks, Malle; Mellikov, Enn; Bijakina, Olga; Varema, Tiit; Meissner, Dieter Optical organic and semiconductor inorganic

Formation and recrystallization of CuInS₂ films in spray pyrolytic process

Krunks, Malle; Bijakina, Olga; Mikli, Valdek; Varema, Tiit 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 33

Formation of structure of the CdTe film, recrystallized on Mo/glass substrate under high temperature and mechanical pressure

Mikli, Valdek; Hiie, Jaan; Valdna, Vello; Viljus, Mart; Traksmaa, Rainer; Kallavus, Urve Thin solid films 2009 / 7, p. 2252-2255 : ill

Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling

Bajić, Marijan; Oberlinthner, Ana; Körge, Kristi; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.ijbiomac.2020.05.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS Article at WOS](#)

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

Hübridsetes fototundlikes struktuurides rakendatavate n-CuIn3Se5 fotoabsorberkilede valmistamine kõrgvaakumaurustamise meetodil

Bereznev, Sergei; Adhikari, Nirmal; Kois, Julia; Volobujeva, Olga; Laes, Kristjan; Traksmaa, Rainer; Raadik, Taavi; Öpik, Andres XXXII Eesti Keemiatänav : teaduskonverentsi teesid 2011 / lk. 15

Immobiliseeritud kümotrüpsiinkilede saamine

Rublevski, E.-H.; Mandel, Mihkel XXXII üliõpilaste teaduslik-tehniline konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünnaastapäevale : 16.-18. aprill 1980 1981 / lk. 137 https://www.esther.ee/record=b1322611*est

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

In-situ characterization of the polypyrrole films by QCM and CER techniques

Söritski, Vitali; Öpik, Andres; Talo, A.; Forsen, Olof International Conference on Science and Technology of Synthetic Metals : 15th to 21st of July 2000, Gastein, Austria : book of abstracts 2000 / p. 122-WedA121 <https://research.aalto.fi/fi/publications/in-situ-characterization-of-the-polypyrrole-films-by-qcm-and-cer->

Interactions between furcellaran and the globular proteins bovine serum albumin and [beta]-lactoglobulin

Laos, Katrin; Brownsey, Geoffrey J.; Ring, Stephen G. Carbohydrate polymers 2007 / p. 116-123 : ill

Interactions between furcellaran and the globular proteins (bovine serum albumin, [beta]-lactoglobulin)

Laos, Katrin 2005 https://www.esther.ee/record=b2097238*est

Interactions between furcellaran and the globular proteins (bovine serum albumin, beta-lactoglobulin) in solutions, gels and films

Laos, Katrin Food and nutrition = Toit ja toitumine 2005 / p. 16-21 : ill

Keemiliselt pihustatud CuInS₂ kiled siledatel ja poorsetel elektroodidel

Kijatkina, Olga; Krunks, Malle; Mere, Arvo XXVIII Eesti keemiatänav : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 55

Keemiliselt sadestatud kaadmiumsulfidi kilede lõõmutamisel toimuvad struktuursed muutused

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

Kiletukk töötat läbimurret kadunuks jäänute otsinguil : [ettevõtja Neinar Seli ja teadlase Mati Karelsoni koostöös loodud kilemarkerist]

Nitra, Nils; Karelson, Mati; Seli, Neinar Tartu Postimees 2007 / 12. märts, lk. 1 <https://majandus.postimees.ee/1639075/kiletukk-tootab-labimurret-kadunuks-jaanute-otsingui>

Li@C₆₀thin films : characterization and nonlinear optical properties

Wolf, Mathias; Toyouchi, Shuichi; Walke, Peter R.; Umehoto, Kazuki; Masuhara, Akito; Fukumura, Hiroshi; Takano, Yuta; Yamada, Michio; Hirai, Kenji; Fron, Eduard; Uji-I, Hiroshi RSC Advances 2021 / p. 389 - 394 <https://doi.org/10.1039/d1ra08051b> [Journal metrics](#)

Läbipaistvate ja elektrit juhtivate ZnO kilede valmistamine keemilise pihustamise meetodil

Vent, Merike; Kärber, Erki; Volobujeva, Olga; Krunks, Malle XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 82

New antimicrobial Cu(II)-polyotungstate/polylactic acid films

Duvanova, Ella; Krasnou, Illia; Knyzhnyk, Ivan; Radio, Serhii V.; Karpichev, Yevgen Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 15 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Nonlinear waves in a layer with energy influx

Engelbrecht, Jüri; Peipman, Tõnu Wave motion 1992 / 16, p. 173-181

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

Pihustuspürolüüsmeetodil sadestatud CuInS₂ kilede lähteainete termiline lagunemine

Mere, Arvo; Oja Acik, Ilona; Otto, Kairi; Krunks, Malle; Tönsuaadu, Kaia XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 46

Pihustuspürolüüsmeetodil vaserikastest lahustest valmistatud CuInS₂ kilede omadused

Rebane, Helen; Kijatkina, Olga; Mikli, Valdek; Leomar, Hedi; Krunks, Malle XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 111

Polüpürool-polüparafenüleen komposiitkilede ja polüpürroolkilede omaduste uurimine

Golovtsov, Igor; Öpik, Andres XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 22-23

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-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

Preparation and impedance spectroscopy of hybrid structures based on CuIn_{1-x}Se_x photoabsorber = Hübriidsete CuIn_{1-x}Se_x fotoabsorberstruktuuride valmistamine ja impedantsispektroskoopia

Laes, Kristjan 2010 https://www.esther.ee/record=b2580322*est

Properties of flax fiber reinforced polyethylene films

Soiela, Mari; Ilves, Airi; Viikna, Anti; Erberg, E. Programme and proceedings of Baltic Polymer Symposium 2004 : Kaunas, November 24-26, 2004 2004 / p. 73

Properties of flax fiber-reinforced polyethylene films

Soiela, Mari; Ilves, A.; Viikna, Anti; Erberg, E. Chemine technologija 2005 / 2, p. 38-45 : ill

Recrystallization of CdTe film under conditions of high temperature and mechanical pressure

Mikli, Valdek; Hiie, Jaan; Viljus, Mart; Nisumaa, Reet; Traksmaa, Rainer; Kallavus, Urve Thin solid films 2008 / 20, p. 7041-7045 : 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>

Spray pyrolysis deposition of nanostructured zincoxide films

Krunks, 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

Statistical characteristics of coefficients of a cubic approximation of isotherms of surface active substance films

Averbukh, Elena; Talipova, Tatyana; Kurkin, Andrey; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 417-427 : ill

Structural and electrical characterization of TiO₂ films grown by spray pyrolysis

Oja, Ilona; Mere, Arvo; Krunks, Malle; Nisumaa, Reet; Solterbeck, C.-H.; Es-Souni, M. Thin solid films 2006 / p. 674-677 : ill
<https://www.sciencedirect.com/science/article/pii/S0040609005025708>

Structure of cobalt hexacyanoferrate films synthesized from a complex electrolyte

Kaplun, M.M.; Smirnov, Yu.E.; **Mikli, Valdek;** Malev, V.V. Russ. J. of Electrochemistry 2001 / 9, p. 914-923

Temperature and thickness effect of NiO layer on photocatalytic activity of NiO/ZnO heterostructure by ultrasonic spray method

Chen, Zengjun; Dedova, Tatjana; Oja Acik, Ilona; Krunks, Malle GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 45 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

The impedance spectroscopy of CuIn3Se5 photoabsorber films prepared by high vacuum evaporation technique

Laes, Kristjan; Bereznev, Sergei; Land, Raul; Tverjanovich, Andrey; **Volobujeva, Olga; Traksmaa, Rainer; Raadik, Taavi; Öpik, Andres** Energy procedia 2010 / 1, p. 119-131 : ill

The impedance spectroscopy of well-oriented CuIn3Se5 films prepared by high vacuum evaporation technique

Laes, Kristjan; Bereznev, Sergei; Tverjanovich, Andrey; Öpik, Andres EMRS-2009 Spring Meeting, Strasbourg, France, 8-12 of June 2009, Symposium B 2009 / p. 46

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

Thermoanalytical study of a precursor for In₂S₃ films by spray pyrolysis

Otto, Kairi; Oja Acik, Ilona; Tönsuaadu, Kaia; Annert, Katre; Krunks, Malle ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherland : abstract book 2010 / p. 181

TiO₂:Sm³⁺ based luminescent oxygen sensitive probes in LDPE packaging material

Tikk, Taavi; Paara, Tõnis; Eltermann, Marko; **Krumme, Andres;** Jaaniso, Raivo; Kiisk, Valter; Lange, Sven Proceedings of the Estonian Academy of Sciences 2017 / p. 450-454 : ill <https://doi.org/10.3176/proc.2017.4.16>

Titaandioksiidi kiled sool-geeli meetodil

Oja Acik, Ilona Inseneeria 2008 / 3, lk. 54-55 : ill https://artiklid.elnet.ee/record=b2041667*est

Исследование весового метода для аттестации мер толщины пленок

Laaneots, Rein; Saar, Bernhard Сборник статей по машиностроению. 8 1971 / с. 71-77 : илл
https://www.estr.ee/record=b2190317*est <https://digikogu.taltech.ee/et/item/9e5336a6-6d17-4555-8a2c-a8b547231bbb/>

Качество выпускаемых толщиномеров пленок

Boguslavski, M.; **Laaneots, Rein** Метрология : ежемесячное приложение к научно-техническому журналу "Измерительная техника" 1972 / с. 59-62 https://www.estr.ee/record=b1940228*est

Критерии оценки толщины пленки

Boguslavski, M.; **Laaneots, Rein** Измерительная техника : ежемесячный научно-технический журнал 1972 / с. 35-36 : рис
https://www.estr.ee/record=b1448551*est

Крупные волны при двухфазном противоточном пленочном течении

Treimann, Aksel; Siirde, Enno Процессы и аппараты химической технологии и технология неорганических веществ. 5 1974 / с. 3-11 : илл https://www.estr.ee/record=b1531723*est <https://digikogu.taltech.ee/et/item/438b60cb-3265-444e-adba-b3c2c222f12a>

Метод определения толщины конденсированной пленки влаги

Veimer, Vladimir; Semikova, I. XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 1, Общественные науки. Физико-математические науки. Строительство. Экономика 1981 / с.70 https://www.estr.ee/record=b1322624*est

Минимальная плотность орошения при однофазном пленочном течении жидкости (в отсутствии тепло- и массообмена)

Reile, Rein; Kallas, Juha; Siirde, Enno Процессы и аппараты химической технологии и технология неорганических веществ. 4 1973 / с. 33-37 : илл https://www.estr.ee/record=b1386707*est <https://digikogu.taltech.ee/et/item/72e7c5b1-8453-41a6-9821-41853b98368d>

Обеспечение единства измерений толщин пленок и покрытий

Boguslavski, M.; **Laaneots, Rein** Опыт внедрения методов и средств технического контроля качества на предприятиях Ленинграда : материалы к краткосрочному семинару 16-18 мая 1972 / с. 86-87

Образцовые меры толщины пленок

Laaneots, Rein Информационный листок (Ленинградский центр научно-технической информации) 1971 / с. 1-4

Определение оптимальных размеров и характеристик мер толщины пленок

Laaneots, Rein Измерительная техника : ежемесячный научно-технический журнал 1973 / с. 30-31 : рис., таб

https://www.estr.ee/record=b1448551*est

Оптические и фотоэлектрические свойства пленок сульфида кадмия, химически осажденных пульверизацией

Kerm, Karin; Tilling, Aino; Antsov, U. Физическая химия соединений АИВИ 1981 / с. 59-65

Оценка качества толщиномеров пленок

Laaneots, Rein Тезисы докладов научно-технической конференции по квадиметрии 1972 г 1972 / с. 48-50

https://www.estr.ee/record=b4088204*est

Пневматический метод измерения толщины пленки

Laaneots, Rein Измерительная техника : ежемесячный научно-технический журнал 1974 / с. 47-48

https://www.estr.ee/record=b1448551*est

Проверка толщиномеров пленок

Laaneots, Rein Сборник статей по машиностроению. 8 1971 / с. 79-86 https://www.estr.ee/record=b2190317*est

<https://digikogu.taltech.ee/et/item/9e5336a6-6d17-4555-8a2c-a8b547231bbb/>

Прибор для измерения толщины пленки

Laaneots, Rein Сборник статей по машиностроению. 9 1972 / с. 43-52 : илл https://www.estr.ee/record=b2190570*est

<https://digikogu.taltech.ee/et/item/3aab34ef-a920-43ae-9a14-2c99ba3caad2>

Улучшение однородности исходных порошковых материалов CdS, используемых при вакуумном напылении пленок

Mellikov, Enn; Hiie, Jaan; Karpenko, I.V.; Putškova, K.N.; Rändur, Œie; Krunks, Malle; Veel, Ene; Türn, Leo

Полупроводниковые материалы. 3 1976 / с. 43-51 https://www.estr.ee/record=b1403374*est <https://digikogu.taltech.ee/et/item/5f8fd05cff69-4315-9d64-1d9c9611667b>

Устройство для проверки толщиномеров жидкостных плёнок. Проспект

Laaneots, Rein 1988

Фазовый состав пленок CdS и CdSe, полученных химическим распылением

Kerm, Karin Полупроводниковые материалы. 2 1972 / с. 39-43 https://www.estr.ee/record=b1476073*est

<https://digikogu.taltech.ee/et/item/75bd57ba-4543-4614-ab7c-3230cb13e005>

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.estr.ee/record=b2351386*est

Экспериментальное исследование термического сопротивления окисной пленки методом регулярного теплового режима

Vinogradova, V.; Anson, Pavel 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). Электротехника и энергетика 1970 / с. 106-107 https://www.estr.ee/record=b1379483*est