

Annealing of bulk crystalline CdTe under CdCl₂ controlled vapor pressure

Hiie, Jaan; Valdna, Vello E-MRS Spring Meeting : Strasbourg, 1999 : abstracts 1999 / p. O-32

Assessment of cadmium and mercury cycles in Estonian industries and natural environment

Lääne, Ain; Merisaar, Maret; Moldrup, A.-M.; Jorgensen, C.E. 4th Stockholm Water Symposium Integrated Land and Water Management : challenges and new opportunities, Stockholm, Sweden, August 9-13, 1994 : abstract 1994 / p. 76

Biotests and biosensors in ecotoxicological risk assessment of field soils polluted with zinc, lead, and cadmium

Kahru, Anne; Ivask, Angela; Kasemets, Kaja; Põllumaa, Lee; Kurvet, Imbi; Francois, Matthieu; Dubourguier, Henri-Charles Environmental toxicology and chemistry 2005 / 11, p. 2973-2982

Brain-specific metallothionein-3 has higher metal-binding capacity than ubiquitous metallothioneins and binds metals noncooperatively

Palumaa, Peep; Eriste, Elo; Njunkova, Olga; Pokras, Lesja; Jorvall, H.; Sillard, Rannar Biochemistry 2002 / 19, p.6158-6163
<https://pubmed.ncbi.nlm.nih.gov/11994011/>

Cadmium and mercury balance for fertilizer production and usage in Estonia

Viisimaa, Ludmilla Tallinna Tehnikaülikooli Toimetised 1994 / lk. 57-66: ill

Cadmium and mercury balance in Estonian oil-shale industry

Lääne, Ain; Säärekonno, Jüri Tallinna Tehnikaülikooli Toimetised 1994 / lk. 41-48: ill

Cadmium and mercury in Estonian cement industry

Lääne, Ain; Säärekonno, Jüri 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 86

Cadmium in the Eastern Gulf of Finland : concentrations and effects on the mollusk *Limecola balthica*

Sharov, Andrey; Berezina, Nadezhda; Kuprijanov, Ivan; Sladkova, Svetlana; Kamardin, Nikolay; Shigaeva, Tatyana; Kudryavtseva, Valentina; Kholodkevich, Sergei Geochemistry International 2022 / p. 702-710 <https://doi.org/10.1134/S0016702922060076> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cd²⁺ ja Mn²⁺ sidumine vesilahustest sünteetiliste fluorkarbonaatapatiitidega = Removal of Cd²⁺ and Mn²⁺ ions from aqueous solutions by fluorcarbonateapatites

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 215-216
https://www.ester.ee/record=b1070511*est

Comparison of confirmations of zinc- and cadmium-substituted metallothionein-3 by ESI MS

Palumaa, Peep; Eriste, Elo; Njunkova, Olga; Pokras, Lesja; Jorvall, Hans; Sillard, Rannar The 50th ASMS Conference on Mass Spectrometry and Allied Topics 2002 / ? p

Comparison of eluents for lead and cadmium fractionation in waters by non-suppressed ion chromatography with UV and GFAAS detection

Lepane, Viia; Viitak, Anu; Treumann, Maili; Kaljurand, Mihkel Balaton Symposium'99 on High-Performance Separation Methods : September 1-3, 1999, Siófok, Hungary : book of abstracts 1999 / p. P-152

Construction and use of specific luminescent recombinant bacterial sensors for the assessment of bioavailable fraction of cadmium, zinc, mercury and chromium in the soil

Ivask, Angela; Virta, Marko; Kahru, Anne Soil biology and biochemistry 2002 / p. 1439-1447

EDTA impact on Cd²⁺ migration in apatite-water system

Tõnsuaadu, Kaia; Viipsi, Karin; Triikkel, Andres; Viipsi, Karin Journal of hazardous materials 2008 / p. 491-497 : ill
<https://www.sciencedirect.com/science/article/pii/S0304389407014999>

EDTA ja tsitraatide mõju Cd²⁺ ioonide sidumisele apatiidiga

Tõnsuaadu, Kaia; Vatter, Karin; Peld, Merike; Mikli, Valdek XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 125

Eesti elavhõbeda ja kaadmiumi aineriingete uuring valitud valdkondades 1992. aastal : väitekiri ... tehnika magistrikraadi taotlemiseks

Talve, Siret 1995 https://www.ester.ee/record=b2680865*est

Effect of flotation time and collector dosage on Estonian phosphorite beneficiation

Tamm, Kadriann; Zadeh, Zeinab Arab; Kuusik, Rein, keemik; Kallas, Juha; Yang, Jason; Tõnsuaadu, Kaia; Triikkel, Andres Minerals 2021 / art. 114 <https://doi.org/10.3390/min11020114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Formation of copper zinc tin sulfide in cadmium iodide for monograin membrane solar cells

Nkwusi, Godswill; **Leinemann, Inga; Grossberg, Maarja; Kaljuvee, Tiit; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter** Conference proceedings of the Conference of Young Scientists on Energy Issues : CYSENI 2012 : May 24–25, Kaunas, Lithuania 2012 / p. II 38-II 46 : ill
https://www.researchgate.net/publication/274889568_FORMATION_OF_COPPER_ZINC_TIN_SULFIDE_IN_CADMIUM_IODIDE_FOR_MONOGRAIN_MEMBRANE_SOLAR_CELLS

Hüdoksüülaptiidi lahustumine ja pinna komplekseerumine Cd²⁺ ja EDTA juuresolekul

Viipsi, Karin; Sjöberg, Staffan; **Tõnsuaadu, Kaia** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 83

Impact of chelating ions on Cd²⁺ sorption with apatites

Tõnsuaadu, Kaia; Vatter, Karin; Peld, Merike; Mikli, Valdek 5th International Symposium on Inorganic Phosphate Materials '05 : 2nd IMPHOS Workshop : Kasugai, Japan, September 6-8, 2005 : book of abstracts 2005 / p. 80

Impact of soluble humic substance on Cd²⁺ sorption on apatite in aqueous solutions

Viipsi, Karin; Tõnsuaadu, Kaia; Peld, Merike Chemistry and ecology 2010 / Suppl., p. 77-85 : ill

Kaadmiumi ja elavhõbeda vood Eesti tsemenditööstuses

Lääne, Ain; Säärekonno, Jüri XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 77

Kaadmiumi, tsingi ja vase kloriidide tiokarbamiidsete ühendite termiline lagunemine

Krunks, Malle; Liiders, M.; Leskelä, T.; Niinistö, L. XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 67

Mass flow analysis of cadmium and mercury in Estonian cement industry

Lääne, Ain; Säärekonno, Jüri Proceedings of the Estonian Academy of Sciences. Engineering 1999 / 3, p. 212-221

Natural and synthetic apatites as sorbents for Cd²⁺ and Cr³⁺ ions from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / 2, p. 75-90 : ill

Natural and synthetic apatites as sorbents for Cd²⁺ ions from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Phosphorus, sulfur, and silicon and the related elements 2002 / 8/9, August-September, XVth International Conference on Phosphorus Chemistry (ICPC 15). Part II, p. 2239

Natural and synthetic apatites as sorbents for Cd²⁺ ions from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem XVth International Conference on Phosphorus Chemistry (ICPC 15) : Sendai, Japan, July 29 - August 3, 2001 : program and abstracts 2001 / p. PB109

Organization and assembly of metal-thiolate clusters in epithelium-specific metallothionein-4

Meloni, Gabriele; **Zovo, Kairit; Kazantseva, Jekaterina; Palumaa, Peep;** Vašak, Milan Journal of biological chemistry 2006 / 21, p. 14588-14595 : ill https://www.researchgate.net/publication/7221929_Organization_and_Assembly_of_Metal-Thiolate_Clusters_in_Epithelium-specific_Metallothionein-4

Pb ja Cd sisaldus Eesti NSV tööstuspiirkondade elanike veres ja juustes

Viitak, Anu; Kahn, Hubert; Vilks, A.; **Hõdrejärvi, Helvi** Kaasaegse ökoloogia probleemid : ökoloogia ja ühiskond : vabariikliku IV ökoloogiakonverentsi teesid : Tartu, 23.-25. märts 1988. aastal = Проблемы современной экологии : экология и общество : тезисы республиканской IV экологической конференции, Тарту, 23 по 25 марта 1988 г. = Problems of contemporary ecology : ecology and society : abstracts of the republican IV conference in ecology : March, 23-25, 1988, Tartu 1988 / lk. 163-166 : tab
https://www.ester.ee/record=b1221568*est

Plii ja kaadmium Eesti elukeskkonnas ja laste tervis

Silla, Raiot; Teoste, M.; Ostrat, A.; **Viitak, Anu** Tervisekaitse 1994 = Health protection 1994 1995 / lk. 95-100

Pulse electrodeposited zinc sulfide as an eco-friendly buffer layer for the cadmium-free thin-film solar cells

Boosagulla, Divya; **Mandati, Sreekanth;** Misra, Prashant; Allikayala, Ramachandraiah; Sarada, Bulusu V. Superlattices and microstructures 2021 / art. 107060 <https://doi.org/10.1016/j.spmi.2021.107060>

Reactivity of Cd²⁺-metallothionein with Cu(II) ions : evidence for a cooperative formation of Cd₃, Cu(I)₅-metallothionein

Vaher, Maret; Romero-Isart, Nuria; Vašak, Milan; **Palumaa, Peep** Journal of inorganic biochemistry 2001 / p. 1-6 : ill
<https://pubmed.ncbi.nlm.nih.gov/11192694/>

Removal of cadmium from aqueous solutions by sorption on natural apatites

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem; Veiderma, Mihkel 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 56

Removal of Cd²⁺ and Mn²⁺ ions from aqueous solutions by synthetic cation substituted calcium-carbonate-apatite
Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel Toxicological and environmental chemistry 1997 / p. 145-154: ill

See salakaval kaadmium

Ott, Roman Kodutohter 1994 / 11, lk. 16-17

Separation of interfering substances with ion chromatography on Pb and Cd determinations by flameless AAS

Viitak, Anu; Lepane, Viia International Conference Instrumental Methods of Analysis Modern Trends and Applications : 19-22 September 1999, Chalkidiki, Greece : conference proceedings. Volume II 1999 / p. 563

Separation of interfering substances with ion chromatography on Pb and Cd determinations by flameless AAS

Kaljurand, Mihkel; Viitak, Anu; Lepane, Viia; Treumann, Maili 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 25

Simple procedure for the determination of Cd, Pb, As and Se in biological samples by electrothermal atomic absorption spectrometry using colloidal Pd modifier

Viitak, Anu; Volynsky, Anatoly B. Talanta 2006 / 4, p. 890-895 : ill <https://www.sciencedirect.com/science/article/pii/S0039914006001330>

Simultaneous sorption of Cd and Zn ions on synthetic apatites from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel Phosphorus research bulletin 1999 / Special issue: Proceedings of the Third International Symposium on Inorganic Phosphate Materials '99 : Villeneuve d'Ascq, France, September 14-16, 1999, p. 347-352: ill

Simultaneous sorption of Cd and Zn ions on synthetic apatites from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Ascq, France, September 14-16, 1999 : book of abstracts 1999 / p. P.2.19

https://www.researchgate.net/publication/286300497_SIMULTANEOUS_SORPTION_OF_Cd_AND_Zn_IONS_ON_SYNTHETIC_APATITES_FROM_AQUEOUS_SOLUTIONS

Sorption and desorption of Cd²⁺ and Zn²⁺ ions in apatite-aqueous systems

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Environmental science and technology 2004 / 21, p. 5626-5631 : ill

Sorption and desorption of Cd²⁺ ions by synthetic apatites

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 57

Sorption of Cd(II), Cr(III) and Al(III) ions on apatite from aqueous solutions

Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 137

Substituted apatites as sorbents for heavy metals

Peld, Merike 2005 https://www.ester.ee/record=b1994280*est

Surface phase transformations, surface complexation and solubilities of hydroxyapatite in the absence/presence of Cd(II) and EDTA

Viipsi, Karin; Sjöberg, Staffan; Shchukarev, Andrey; Tõnsuaadu, Kaia Applied geochemistry 2012 / p. 15-21 : ill

<https://doi.org/10.1016/j.apgeochem.2011.08.010> <https://www.sciencedirect.com/science/article/pii/S0883292711003842>

Synergistic effects of fluorine and carbonate on Cd²⁺ binding properties of apatites

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel Phosphorus, sulphur, and silicon and the related elements 1999 / p. 417

Synthetic cation and anion substituted apatites as sorbents for Cd²⁺ in Solutions

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem First International Conference on Inorganic Materials : Synthesis, Characterisation, Properties and Applications of Inorganic Materials, 16-19 September 1998, Versailles, France : programme and abstracts 1998 / p. P45

Syntrichia ruralis as a suitable bioindicator for urban areas – the case study of Tallinn city

Rajandu, Elle; Kaljuvee, Kadri-Liis; Kulp, Maria; Kaasik, Marko; Elvisto, Tiina; Küttim, Martin Folia Cryptogamica Estonica 2024 / p. 25-34 <https://doi.org/10.12697/fce.2024.61.03> [Journal metrics at Scopus](#) [Article at Scopus](#)

The effect of substitutions on Cd²⁺ sorption capacity of apatites

Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Veiderma, Mihkel First International Conference on Hydroxyapatite & Related Products : it's use in purification of biomolecules : Lyon - France, 23rd - 25th March 1999 : final programme 1999 / [1] p

Thermal analysis of CdTe : CdCl₂ : O₂ annealing process

Hiie, Jaan; Valdna, Vello Seventeenth European Photovoltaic Solar Energy Conference : proceedings of the International

Thermal decomposition of cadmium and copper thiocarbamide chlorides

Krunk, Malle; Madarasz, Janos; Leskelä, T.; Hiltunen, L.; Mannonen, R.; Niinistö, L. 15th Nordic symposium for thermal analysis and calorimetry : programme, extended abstracts 1996 / p. 11

Влияние расплавленных CdCl₂ и Na₂Sx на совершенство частиц порошка CdS

Mellikov, Enn; Hiie, Jaan Известия Академии наук СССР. Неорганические материалы 1981 / с. 1562-1564 : ил
https://www.ester.ee/record=b1611497*est

Дефектная структура некоторых халогенидов кадмия и цинка

Varvas, Jüri; Nirk, Tiit; Öpik, Andres; Lott, Kalju; Nöges, Märt; Tünn, Leo Третье Всесоюзное совещание по химии твердого тела : тезисы докладов 1981 / с. 10

Дефектообразование в халькогенидах цинка и кадмия

Altosaar, Mare; Krustok, Jüri; Kuk, Peeter-Enn; Mädasson, Jaan; Tomson, A.; **Erm, Ants** Термодинамика и материаловедение полупроводников : четвертая всесоюзная конференция, 1989 г. : тезисы докладов 1989 / с. 247

Измерение высокотемпературной проводимости кадмия в парах хлорида кадмия

Nirk, Tiit III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 11
https://www.ester.ee/record=b1280470*est

О новых типах поликристаллических фотосопротивлений из сернистого кадмия

Varvas, Jüri; Kuk, Peeter-Enn; Stahl, Arvo; Lääts, Mai Сборник статей по химии и химической технологии. 8 1962 / с. 143-153 : илл https://www.ester.ee/record=b2181584*est <https://digikogu.taltech.ee/et/Item/6ec4da4c-96e0-445e-b789-9dde4bb0db38>

О природе 0,8 эВ полосы фотолюминесценции в легированном теллуриде кадмия

Krustok, Jüri; Lõo, Anu; Piibe, Toomas Физика и техника полупроводников 1990 / 10, с. 1888-1891: рис

О содержании свинца, кадмия и ртути в организме населения разных районов Эстонской ССР

Viitak, Anu; Hödrejäre, Helvi Ранняя диагностика действия токсических веществ на организм = Early diagnosis of the effects of toxic substances on the organism : материалы третьего научного симпозиума, Таллинн, 19-20 октября 1983 года 1984 / с. 97-105 https://www.ester.ee/record=b1240419*est

О стабилизации селенисто-кадмиевых фоторезисторов

Valdna, Vello; Tünn, Leo Полупроводниковые материалы. 2 1972 / с. 109-111 : илл https://www.ester.ee/record=b1476073*est
<https://digikogu.taltech.ee/et/Item/75bd57ba-4543-4614-ab7c-3230cb13e005>

Образование сульфида кадмия при термораспаде продуктов взаимодействия тиомочевины с хлоридом кадмия

Krunk, Malle; Mellikov, Enn; Sork, Eeve Журнал неорганической химии 1985 / с. 1373-1376
https://www.ester.ee/record=b1443384*est

Определение кадмия, свинца, меди и цинка в грунтовых водах методом инверсионной вольтамперометрии

Lepane, Viia; Hödrejäre, Helvi Перспективные хроматографические и электрохимические методы в санитарной химии : тезисы совещания посвященного 100-летию санитарного контроля в Эстонии, Таллинн-Тарту, 8-10 сентября 1988 г 1988 / с. 71-72 https://www.ester.ee/record=b1249625*est

Разделение меди и кадмия методом тонкослойной хроматографии и денситометрическое определение меди

Vilbok, Heinrich; Põldme, Meeme Журнал аналитической химии 1972 / с. 783-786 : илл https://www.ester.ee/record=b1255880*est

Термическое разложение тиомочевинных комплексов кадмия

Krunk, Malle; Mellikov, Enn Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-22: ill

Физико-химические основы легирования CdS хлоридом кадмия

Hiie, Jaan; Altosaar, Mare; Mellikov, Enn Четвертая Всесоюзная конференция по физико-химическим основам легирования полупроводниковых материалов, Москва, 16-18 окт. 1979 г. : Тезисы докладов 1979 / с. 58

Физико-химические основы легирования CdS хлоридом кадмия

Hiie, Jaan; Altosaar, Mare; Mellikov, Enn; Kerm, Karin Легирование полупроводников : [сборник статей] 1982 / с. 59-62 : ил
https://www.ester.ee/record=b1680571*est