

#### **AAS determination of trace elements in lakewater and sediments**

**Lepane, Viia; Viitak, Anu** ISM'92 : 12-th International Symposium on Microchemical Techniques, Cordoba, Spain, 6-11 Sept. 1992 : abstracts 1992

#### **Ametkondade äri Virumaa elanike arvel**

**Kallaste, T.; Hödrejäv, Helvi; Viitak, Anu** Leninlik Lipp : EKP Kohtla-Järve Linnakomitee ja Rajoonikomitee, Kohtla-Järve Linna RSN ja Rajooni RSN häälekandja 1988 / lk. [?] [https://www.ester.ee/record=b1230683\\*est](https://www.ester.ee/record=b1230683*est)

#### **Ametkondade äri Virumaa elanike arvel**

**Kallaste, T.; Hödrejäv, Helvi; Viitak, Anu** Noorte Hää : ELKNÜ Keskkomitee häälekandja 1988 / lk. [?] [https://www.ester.ee/record=b1320792\\*est](https://www.ester.ee/record=b1320792*est)

#### **Analysis of trace elements in sewage sludges**

**Viisimaa, Ludmilla; Lepane, Viia; Viitak, Anu; Viisimaa, Matti** ISM '92 : 12-th International Symposium on Microchemical Techniques, Cordoba, Spain, 6-11 Sept. 1992 1992

#### **Analytical monitoring of bivalent heavy metals in the biosphere of the area of phosphate fertilizer industry**

**Hödrejäv, Helvi; Viitak, Anu; Varandi, Merje; Lepane, Viia** European Conference on Analytical Chemistry : Euroanalysis VII, Vienna, Austria, August 26-31, 1990 : book of abstracts. Vol. 1 1990

#### **Application of the ion chromatography for the speciation of the sample components in atom absorption spectroscopy**

**Kaljurand, Mihkel; Viitak, Anu; Treumann, Maili; Jakovleva, Irina; Hödrejäv, Helvi** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 46

#### **Application of the ion chromatography for the speciation of the sample components in atom absorption spectroscopy**

**Kaljurand, Mihkel; Viitak, Anu; Treumann, Maili; Hödrejäv, Helvi** Chimia 1998 / 7/8, p. 343

#### **Arseeni ja seleeni määramine juustes AAS - leegita meetodil = Electrothermal AAS for the determination of arsenic and selenium in hair**

**Viitak, Anu; Treumann, Maili** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 227-228 [https://www.ester.ee/record=b1070511\\*est](https://www.ester.ee/record=b1070511*est)

#### **Assessment of potential hazards during the process of house building in Estonia**

**Bogovski, Sergei; Lang, Iina; Rjazanov, Vladislav; Muzõka, Vladimir; Tuulik, Viuu; Viitak, Anu** International journal of environmental health research 2007 / 2, p. 105-112

#### **Bioelemendid keskkonnatervise riskiteguritena Eestis : [ettekande teesid]**

**Silla, Raiot; Viitak, Anu; Teoste, M.; Ostrat, A.** Üle-eestiline teaduskonverents "Tervise edendamine Eestis", 17.-18. aprill 1997. a. : konverentsi ettekannete teesid 1997 / lk. 54

#### **Biometallide sisaldus Eesti linnaelanike vereseerumis**

**Viitak, Anu; Muzõka, Vladimir; Bogovski, Sergei** Eesti Arst 2004 / 9, lk. 631 [https://artiklid.elnet.ee/record=b1047517\\*est](https://artiklid.elnet.ee/record=b1047517*est)

#### **Breast milk and serum selenium content in Finland, Estonia, St. Petersburg and Karelian**

**Kantola, M.; Mand, E.; Viitak, Anu; Tooming, M.; Juravskaja, J.; Vartiainen, T.; Purkunen, R.; Saarikoski, S.; Pasanen, M.** International Conference on Quality and Safety Aspects of Food & Nutrition in Europe '95 : QSFNE, August 22-25, 1995, Helsinki, Finland : programme and book of abstracts 1995 / I. P Q B07

#### **Breast milk and serum selenium levels in Finland, Estonia, St. Petersburg and Karelian**

**Kantola, M.; Vartiainen, T.; Mand, E.; Viitak, Anu; Tooming, M.; Juravskaja, J.; Purkunen, R.; Saarikoski, S.; Pasanen, M.** Journal of trace elements in experimental medicine 1995 / 2, p. 87

#### **Ca ja Mg sisaldused üliõpilaste vereseerumis sõltuvalt toitumisharjumistest**

**Viitak, Anu; Lahne, Riina; Vaarmann, Aini; Treumann, Maili; Friedenthal, Margus; Hödrejäv, Helvi; Lipre, Endla** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 160

#### **Can selenium levels act as a marker of colorectal cancer risk?**

**Lener, Marcin R.; Kulp, Maria; Viitak, Anu** BMC cancer 2013 / p. 1-6 : ill <https://doi.org/10.1186/1471-2407-13-214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Chemical analysis of temporal changes in the structure and quantity of organic biomolecules of lake sediments**

**Lepane, Viia; Makarõtsõva, Natalja; Viitak, Anu; Alliksaar, Tiiu** International Humic Substances Society 11th Nordic-Baltic Symposium. Functioning of NOM in the Environment : Joensuu, Finland, June 10-13 : abstracts 2007 / p. 42

### **Chemical speciation analysis of micrometals in soils**

**Hödrejäär, Helvi; Viitak, Anu; Vaarmann, Aini** Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 2/3, p. 171-178: ill

### **Co, Ni, Cu and Zn concentration in hair of children of Estonia**

**Viitak, Anu** Extended abstracts of the Symposium "Environmental Analyse" 1995 / p. 185-190: ill

### **Comparative determination of microelements in Baltic seawater and brown algae samples by atomic absorption spectrometric and inductively coupled plasma methods**

**Truus, Kalle; Viitak, Anu; Vaher, Merike; Muinasmaa, Urmas; Paasrand, Keddy; Tuvikene, Rando; Levandi, Tuuli** Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / 3, p. 122-133 : ill

### **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

### **Complex investigation of composition of the brown alga *Fucus vesiculosus* (The Baltic Sea) by different instrumental methods**

**Vaher, Merike; Truus, Kalle; Koel, Mihkel; Pehk, Tõnis; Taure, Imants; Viitak, Anu** IMA'03 : 3rd International Conference : Instrumental Methods of Analysis Modern Trends and Applications : 23-27 September 2003, Thessaloniki, Greece : conference proceedings 2003 / p. 238-240 : ill

### **Comprehensive investigation of *St. John's Wort* (*Hypericum perforatum*) : polyphenolic compounds, essential oils and metals**

**Helmja, Kati; Vaher, Merike; Orav, Anne; Viitak, Anu; Püssa, Tõnu; Kaljurand, Mihkel** 14th International Symposium on Separation Science : Primosten, Croatia, 30 Sept. - 3 Oct. 2008 2008 / p. 59

### **A computerized flow injection analysis manifold for interference determination in flame atomic absorption spectrometry**

**Lahne, Riina; Viitak, Anu; Hödrejäär, Helvi; Treumann, Maili; Friedenthal, Margus; Kaljurand, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / p. 29-37 : ill

### **Concentration of microelements in the biomedica between the mother and the newborn**

**Viitak, Anu; Hödrejäär, Helvi; Treumann, Maili** Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 2/3, p. 212-217: ill

### **Determination of metallic and non-metallic elements in coastal seawater and in algal biomass by atomic absorption spectrometry using colloidal palladium modifier**

**Viitak, Anu; Volynsky, Anatoly B.; Truus, Kalle; Vaher, Merike; Levandi, Tuuli** 4th International Conference, Instrumental Methods of Analysis Modern Trends and Applications 2005 / p. 371

### **Determination of selenium in body fluids of man by atomic absorption spectrometry**

**Viitak, Anu; Hödrejäär, Helvi** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 58-67: ill

### **Determination of silver in standard reference materials by cloud point extraction following atomic absorption spectrometry**

**Kilinc, Ersin; Lepane, Viia; Viitak, Anu; Gumgum, B.** Euroanalysis XIV : Antwerp (Belgium), 9-14 September 2007 : book of abstracts 2007 / p. 224

### **Distribution of heavy metals in man and the environment in Estonia**

**Hödrejäär, Helvi; Viitak, Anu; Ott, Roman** Kemia-kemi 1990 / 10B, p. 995

### **Eesti rannikumere pruunvetikad indikaatorina Läänemere toksiliste elementide reostuse hindamisel**

**Levandi, Tuuli; Viitak, Anu; Truus, Kalle; Paasrand, Keddy; Tuvikene, Rando; Vaher, Merike** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 56-57

### **Eesti teadlased lähevad eurooplaste toidu kallale : [Anu Viitaki kommentaariga ja keemiainstituudi tööst toiduainete koostise uurimisel]**

**Narusk, Agne; Viitak, Anu** HEI = Hea Eesti Idee 2009 / apr., lk. 30-32 : ill

### **Eestlastel on liiga madal seleenitase**

**Viitak, Anu** Äripäev 2018 / Terviseuudised, lk. 3

### **Effect of selenium treatment on mineral nutrition, bulb size, and antioxidant properties of garlic (*Allium sativum* L.)**

**Pöldma, Priit; Tõnutare, Tõnu; Viitak, Anu; Luik, Anne; Moor, Ulvi** Journal of agricultural and food chemistry 2011 / p. 5498-5503 : ill

### **Effects of drying on the gel strength and cation mobility of furcellaran**

**Friedenthal, Margus; Eha, Kairit; Viitak, Anu; Lukas, Ave; Siimer, Enn** Innovative food science & emerging technologies 2001 / p. 275-279 : ill [https://doi.org/10.1016/S1466-8564\(00\)00027-8](https://doi.org/10.1016/S1466-8564(00)00027-8)

### **Ekspressmeetod interferentide mõju uurimiseks AAS-is**

**Lahne, Riina; Kaljurand, Mihkel; Viitak, Anu** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 67

### **Electrothermal AAS for the determination of arsenic and selenium in hair**

**Viitak, Anu; Treumann, Maili** Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 3/4, p. 91-96

### **Fine-scale pattern of the decomposition, compaction and accumulation of organic matter in Sphagnum hummocks (Nigula bog, SW Estonia)**

**Blinova, Irina; Ilomets, M.; Lukjanova, A.; Treumann, Maili; Viitak, Anu** Proc. 12th International Peat Congress : Tampere, Finland, 6-11 June, 2004 2004 / p. 972-976

### **Heavy and biometals in Estonia**

**Viitak, Anu; Hödrejärvi, Helvi; Silla, Raiot; Reintam, Loit** Chemical data of plant, animal and human tissues as a basis of geomedical investigations 1996 / p. 115-124

### **Heavy metals in man in the area of cement factory**

**Viitak, Anu; Hödrejärvi, Helvi; Varandi, Merje; Lepane, Viia; Saare, L.** International Symposium on Trace Elements in Health and Disease, Espoo, Finland, 5-8 June 1990 : abstracts 1990 / p. 96

### **Heavy metals in snow and some indicator plants in Estonia**

**Punning, Jaan-Mati; Zobel, Martin; Lillemets, S.; Trass, H.; Roosma, A.; Minayeva, O.; Saare, L.; Viitak, Anu; Hödrejärvi, Helvi** Proceedings of the Estonian Academy of Sciences. Ecology 1991 / 1/2, p. 65-71

### **Human biomonitoring in the oil shale industry area in Estonia—overview of earlier programmes and future perspectives**

**Orru, Hans; Viitak, Anu; Herodes, Koit; Veber, Triin; Lukk, Märten** Frontiers in public health 2020 / art. 582114, 8 p. : ill <https://doi.org/10.3389/fpubh.2020.582114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Identification of bioactive compounds in leaves and stems of Aegopodium podagraria by various analytical technics**

**Orav, Anne; Viitak, Anu; Helmja, Kati; Vaher, Merike** NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 144

### **Identification of bioactive compounds in the leaves and stems of Aegopodium podagraria by various analytical techniques**

**Orav, Anne; Viitak, Anu; Vaher, Merike** Procedia chemistry 2010 / p. 152-160 : ill

### **Interaction of metal cations with different humic substances from sea and lake sediments**

**Übner, Monika; Treumann, Maili; Viitak, Anu; Lopp, Margus** Proceedings of the Estonian Academy of Sciences. Chemistry 2005 / 1, p. 24-34 : ill

### **Investigation of the stability of glutathione-metal complexes and related tetrapeptides-metal complexes using capillary electrophoresis, ETAAS and ICP-MS**

**Vaher, Merike; Viitak, Anu; Makarõtševa, Natalja; Muinasmaa, Urmas; Kaljurand, Mihkel** 16th International Symposium on Capillary Electrophoresis Techniques : Catania, Italy, August 31-September 4, 2008 : book of abstracts 2008 / p. 80

### **Ionkromatograafia kasutamine proovi spetsifitseerimiseks aatomabsorptsioonspektroskoopias**

**Kaljurand, Mihkel; Viitak, Anu; Treumann, Maili; Jakovleva, Irina; Hödrejärvi, Helvi** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 41

### **Keemiline defitsiit : [mineraalelementide ja vitamiinide vaegusest lastel]**

**Silla, Raiot; Viitak, Anu** Tervisekaitse 1995 1996 / lk. 86-91 : ill [https://www.ester.ee/record=b1226408\\*est](https://www.ester.ee/record=b1226408*est)

### **Kui saastunud on õhk Virumaal ja millised on tagajärjed? Ka seostest energeetikaga**

**Hödrejärvi, Helvi; Kallaste, T.; Viitak, Anu** Rahva Häl 1988 / lk. [?] [https://www.ester.ee/record=b1072826\\*est](https://www.ester.ee/record=b1072826*est)

### **Kvaliteeditagamise analüütilises keemias**

**Leito, Ivo; Viitak, Anu** 2007 [https://www.ester.ee/record=b2238181\\*est](https://www.ester.ee/record=b2238181*est)

### **Male infertility: Decreased levels of selenium, zinc and antioxidants**

**Türk, Silver; Mändar, Reet; Mahlapuu, Riina; Viitak, Anu; Punab, Margus; Kullisaar, Tiiu** Journal of trace elements in medicine and

#### **Mikroelementide biomonitoring lastel**

Silla, Raiot; **Viitak, Anu**; Teoste, Maimu Eesti Arst 1997 / 2, lk. 117-120

#### **Mikroelementide sisaldus ema ja vastsündinud lapse vahelises biokeskkonnas**

**Viitak, Anu**; **Hõdrejärv, Helvi**; **Treumann, Maili** XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 154-157

#### **Mineraalelementide sisaldus vere seerumis Eesti elanikkonnal sõltuvalt nende toitumisharjumusest**

**Viitak, Anu**; **Friedenthal, Margus**; **Tuulik, Viu**; **Vaarmann, Aini**; **Treumann, Maili**; Fuchs, K.; **Lipre, Endla**; Saarik, S.; **Hõdrejärv, Helvi** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 161

#### **Modified methods for the determination of Ca in the milk and blood serum in the study of Ca metabolism in man**

**Viitak, Anu**; **Lahne, Riina**; **Hõdrejärv, Helvi**; **Kaljurand, Mihkel**; **Friedenthal, Margus**; **Tuulik, Viu** EUROANALYSIS XI : European Conference on Analytical Chemistry : Lissabon, Portugal, September 3-8, 2000 : book of abstracts 2001 / p. 256

#### **Monitoring of trace elements in Estonia**

Silla, Raiot; **Viitak, Anu**; Teoste, M. International Symposium on Environmental Epidemiology in Central and Eastern Europe : Critical Issues for Improving Health : Smolenice, Slovak Republic, Sept. 24-27, 1997 : abstracts 1997 / p. 38

#### **Multimethod analysis of organic constituents and selected metals in lake sediments and interstitial water**

**Lepane, Viia**; **Makarõševa, Natalja**; **Viitak, Anu**; **Alliksaar, Tiiu**; **Havel, J.** Euroanalysis XIV : Antwerp (Belgium), 9-14 September 2007 : book of abstracts 2007 / p. 112

#### **Off-line determination of trace silver in water samples and standard reference materials by cloud point extraction-atomic absorption spectrometry**

Kilinc, Ersin; **Lepane, Viia**; **Viitak, Anu**; Gumgum, Bahattin Proceedings of the Estonian Academy of Sciences 2009 / 3, p. 190-196

#### **Partition of trace metals between inorganic and organic matter fractions in sediment record from Lake Peipsi**

**Lepane, Viia**; **Morriset, Malvina**; **Viitak, Anu**; **Laane, Maile**; **Alliksaar, Tiiu** 12th Nordic-Baltic IHSS Symposium on Natural Organic Matter in Environment and Technology : Tallinn, Estonia, June 14-17, 2009 : program and abstracts 2009 / p. 73

#### **Partitioning of metals between operational fractions in the sediment record from Lake Peipsi**

**Lepane, Viia**; **Morriset, Malvina**; **Viitak, Anu**; **Laane, Maile**; **Alliksaar, Tiiu** Chemistry and ecology 2010 / Suppl., p. 35-48 : ill <https://doi.org/10.1080/02757540.2010.501031>

#### **Pb ja Cd sisaldus Eesti NSV tööstuspiirkondade elanike veres ja juustes**

**Viitak, Anu**; Kahn, Hubert; Vilks, A.; **Hõdrejärv, 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](https://www.ester.ee/record=b1221568*est)

#### **Pikaajaliste kutseekspressioonide toksiline toime ainevahetusele**

Muzõka, Vladimir; Bogovski, Sergei; Pille, Viive; **Viitak, Anu**; Veidebaum, Toomas Eesti Arst 2004 / 9, lk. 620 [https://artiklid.elnet.ee/record=b1047469\\*est](https://artiklid.elnet.ee/record=b1047469*est)

#### **Pinnases leiduvate mikrometallide keemiline ühendiliigitus-(speciation) analüüs**

**Hõdrejärv, Helvi**; **Viitak, Anu**; **Vaarmann, Aini** XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 24-26

#### **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

#### **Poliitika ja majandus arenevad puhtas keskkonnas paremini**

**Hõdrejärv, Helvi**; **Viitak, Anu** Kaubaleht 1992 / mai

#### **Properties of humic substances from the Baltic Sea and Lake Ermistu mud**

**Übner, Monika**; **Treumann, Maili**; **Viitak, Anu**; **Lopp, Margus** Journal of soils and sediments 2004 / 1, p. 24-29

#### **Raskemetallide foon ja bioakumulatsioon Põhja-Eestis**

**Hõdrejärv, Helvi**; **Viitak, Anu**; **Lepane, Viia**; **Vaarmann, Aini**; **Treumann, Maili** Kaasaegse ökoloogia probleemid. Alalhoidlik areng ja looduskeskne elulaad : Eesti VI ökoloogiakonverentsi lühiaartiklid, Tartu, 24.-26. aprill 1994 1994 / lk. 120-124: ill

### **Raskmetallide sisaldusest Eesti NSV elanikel**

Viitak, Anu; Hödrejäär, Helvi; Tuulik, Viu Kaasaegse ökoloogia probleemid : rakendusökoloogilisi küsimusi Eestis : vabariikliku 3. ökoloogiakonverentsi teesid, Tartu, 11.-13. aprill 1985 = Problems of contemporary ecology 1985 / lk. 28-30  
[https://www.ester.ee/record=b1221996\\*est](https://www.ester.ee/record=b1221996*est)

### **Sedimentary record of heavy metals in Lake Rõuge Liinjär, southern Estonia**

Lepane, Viia; Varvas, Mart; Viitak, Anu; Alliksaar, Tiiu; Heinsalu, Atko Estonian journal of earth sciences 2007 / 4, p. 221-232 : ill

### **Segajate mõju uurimine Se sisalduse määramisel AAS elektrotermilisel meetodil**

Susi, Tiina; Viitak, Anu; Kruus, A. XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 136

### **Seleen suudab vähendada onkoloogiliste haiguste esinemist pea 40 protsenti. Eestlaste seleenitase on madal, kust seleeni saab?**

Veiksaar, Ene delfi.ee 2023 [Seleen suudab vähendada onkoloogiliste haiguste esinemist pea 40 protsenti. Eestlaste seleenitase on madal, kust seleeni saab?](#)

### **Seleeni, vase ja tsiingi sisalduse määramine eestlaste vereseerumis**

Neps, Triin; Viitak, Anu; Levandi, Tuuli; Pruus, K.; Lanno, Riin; Kantola, M. XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 102-103

### **Selenium levels of Estonians**

Rauhamaa, Päivi; Kantola, Marjatta; Viitak, Anu; Kaasik, Aidula-Taie; Mussalo-Rauhamaa, Helena European journal of clinical nutrition 2008 / 9, p. 1075-1078 <http://dx.doi.org/10.1038/sj.ejcn.1602818>

### **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 preconcentration and separation of Cr(III) and Cr(VI) using CE with AAS detection**

Kuldvee, Ruth; Viitak, Anu; Kaljurand, Mihkel 15th International Symposium on Microscale Separations and Analysis HPCE, April 13-18, 2002, Stockholm : abstracts 2002 / p. 266

### **Some chemical characteristics of sewage sludges in Estonia**

Viisimaa, Ludmilla; Lepane, Viia; Viitak, Anu; Viisimaa, Matti Tallinna Tehnikaülikooli Toimetised 1994 / lk. 68-80

### **Speciation of chromium using wide-bore capillary electrophoresis with electrothermal atomic absorption spectrometry detection**

Kuldvee, Ruth; Zaidentsal, Aleksei; Viitak, Anu; Treumann, Maili; Kaljurand, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / 2, p. 65-74 : ill

### **The atomic absorption spectrometry of main and trace metals in siliceous soil**

Hödrejäär, Helvi; Vaarmann, Aini; Viitak, Anu; Treumann, Maili Chimia 1998 / 7/8, p. 383

### **The interference of calcium with phosphate in AAs**

Lahne, Riina; Viitak, Anu; Kaljurand, Mihkel; Hödrejäär, Helvi; Treumann, Maili EUROANALYSIS XI : European Conference on Analytical Chemistry : Lissabon, Portugal, September 3-8, 2000 : book of abstracts 2001 / p. 100

### **The modified methods of determination of bioelements in blood serum of Estonian people by the method of AAS**

Viitak, Anu; Fuchs, Kristiina; Kaljurand, Mihkel; Treumann, Maili; Lahne, Riina IMA'03 : 3rd International Conference : Instrumental Methods of Analysis Modern Trends and Applications : 23-27 September 2003, Thessaloniki, Greece : conference proceedings 2003 / p. 230-233 : ill

### **The problems of the determination of Pb, Cd and Se by electrothermal AAS in biological samples**

Viitak, Anu; Treumann, Maili; Lahne, Riina; Susi, Tiina; Hödrejäär, Helvi 5th European Furnace Symposium and 10th International Solid Sampling Colloquium with Atomic Spectroscopy, Baloevgrad, Bulgaria, 2002 2002 / p. 91

### **The rate of bone mineralization in birds is directly related to alkaline phosphatase activity**

Tilgar, Vallo; Kilgas, Priit; **Viitak, Anu**; Reynolds, S. James Physiological and biochemical zoology 2008 / 1, p. 106-111  
<https://pubmed.ncbi.nlm.nih.gov/18040977/>

### **The relationship of concentration of zinc and copper as symptom for diagnosis of heavy metals background in organisms**

**Viitak, Anu; Hödrejārv, Helvi; Vaarmann, Aini; Treumann, Maili** First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 171-172

### **Toxic- and biometals concentration in the hair of children in Estonia**

**Viitak, Anu; Treumann, Maili**; Silla, Raiot Euroanalysis IX : European Conference on Analytical Chemistry, Bologna (Italy), September 1-7, 1996 : book of abstracts 1996 / p. Mo P 60

### **Trace elements as an environmental health problem in Estonia**

Silla, Raiot; **Viitak, Anu**; Teoste, M. International Conference Environmental Pollution and Child Health: critical needs and issues for Central and Eastern Europe, Sosnowiec, May 8-10, 1996 : abstracts 1996 / [1] p

### **Täiendavad võimalused pikaajaliste kutseekspositsioonide toksilise toime hindamiseks**

Pille, Viive; Muzōka, Vladimir; Bogovski, Sergei; **Viitak, Anu**; Veidebaum, Toomas Eesti Arst 2004 / 12, lk. 806-810  
<https://ojs.utlib.ee/index.php/EA/article/view/9613/4800> [https://artiklid.elnet.ee/record=b1048301\\*est](https://artiklid.elnet.ee/record=b1048301*est)

### **Variation in the composition of the essential oils, phenolic compounds and mineral elements of Hypericum perforatum L. growing in Estonia**

**Helmja, Kati; Vaher, Merike; Püssa, Tõnu; Orav, Anne; Viitak, Anu; Levandi, Tuuli; Kaljurand, Mihkel** Natural product research 2011 / p. 496-510

### **Vase määramine biooloogilistes proovides induktiivselt sidestatud plasmaga (ICP)**

Susi, Tiina; Kruus, A.; **Viitak, Anu** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 128

### **Virumaa elukeskkond jälle vaekausil**

**Hödrejārv, Helvi; Viitak, Anu** Rahva Hääl 1992 / 14. juuli, lk. 2

### **Üks tõsine lugu Virumaa saastunud õhust**

**Hödrejārv, Helvi; Kallaste, T.; Viitak, Anu** Viru Sõna : Lääne-Virumaa ajaleht 1988 / lk. [?] [https://www.ester.ee/record=b1236338\\*est](https://www.ester.ee/record=b1236338*est)

### **Ведомственное предпринимательство за счет жителей Вирумаа**

**Kallaste, T.; Hödrejārv, Helvi; Viitak, Anu** Ленинское знамя : орган Кохтла-Ярвского городского и районного комитетов Компартии Эстоний, городского и районного Советов народных депутатов 1988 / с. [?] [https://www.ester.ee/record=b1528511\\*est](https://www.ester.ee/record=b1528511*est)

### **Ведомственному самоуправству барьер**

**Kallaste, T.; Hödrejārv, Helvi; Viitak, Anu** Советская Эстония : орган ЦК Компартии Эстонии, Верховного Совета и Совета Министров Эстонской ССР 1988 / с. [?] [https://www.ester.ee/record=b1447330\\*est](https://www.ester.ee/record=b1447330*est)

### **Изучение содержания некоторых металлов в крови и волосах у жителей Эстонской ССР : автореферат ... кандидата биологических наук (03.00.16)**

**Viitak, Anu** 1987 [https://www.ester.ee/record=b1822295\\*est](https://www.ester.ee/record=b1822295*est)

### **К вопросу об определении свинца в крови**

**Viitak, Anu; Hödrejārv, Helvi** Гигиена труда и профессиональная патология в Эстонской ССР. 11 1984 / с. 138-146 : ил [https://www.ester.ee/record=b1274114\\*est](https://www.ester.ee/record=b1274114*est)

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

**Viitak, Anu; Hödrejārv, 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](https://www.ester.ee/record=b1240419*est)

### **Определение свинца в крови атомно-абсорбционным спектрофотометрическим методом**

**Viitak, Anu; Hödrejārv, Helvi** Некоторые усовершенствованные методы лабораторных исследований в клинической и экспериментальной токсикологии : методическое пособие 1983 / с. 7-11 [https://www.ester.ee/record=b1314532\\*est](https://www.ester.ee/record=b1314532*est)

### **Определение свинца в моче атомно-абсорбционным спектрофотометрическим методом**

**Viitak, Anu; Hödrejārv, Helvi** Некоторые усовершенствованные методы лабораторных исследований в клинической и экспериментальной токсикологии : методическое пособие 1983 / с. 12-15 [https://www.ester.ee/record=b1314532\\*est](https://www.ester.ee/record=b1314532*est)

### **Определение тяжелых металлов в биосфере Эстонии**

**Hödrejärv, Helvi; Viitak, Anu; Ott, Roman; Varandi, Merje; Lepane, Viia; Vaarmann, Aini** VI научная конференция по аналитической химии Прибалтийских республик, Белорусской ССР и Калининградской области, Рига, 29 окт.-2 нояб. 1990 : тезисы докладов 1990 / с. 195

**Содержание некоторых тяжелых металлов в волосах населения в северной и северо-восточной Эстонии**  
**Viitak, Anu; Hödrejärv, Helvi;** Silla, Raiot Eesti noorsoo areng ja tervis : konverents, Kohtla-Järve, 1991 1991 / lk. 11-13

**Содержание ртути в волосах у жителей ЭССР**

**Viitak, Anu; Ott, Roman** Гигиена труда и профессиональная патология в Эстонской ССР. 11 1984 / с. 147-150

[https://www.ester.ee/record=b1274114\\*est](https://www.ester.ee/record=b1274114*est)

**Содержание селена в организме людей в различных районах республики (предварительное сообщение)**

**Viitak, Anu; Hödrejärv, Helvi** Proceedings of the fourth Finnish-Estonian Symposium : occupational toxicology = Доклады четвертого финско-эстонского симпозиума : промышленная токсикология 1986 / с. 115-120

**Содержание тяжелых металлов у жителей г. Кохтла-Ярве**

**Viitak, Anu** Вопросы медицины труда в сланцевой промышленности : тезисы XVIII научной сессии 1989 / с. 48-50

[https://www.ester.ee/record=b1279670\\*est](https://www.ester.ee/record=b1279670*est)

**Экология человека: тяжелые металлы в крови и волосах жителей Эстонии**

**Viitak, Anu; Kahn, Hubert; Hödrejärv, Helvi** Эколого-экономическая ситуация в Эстонии - точка зрения ученых 1990 / с. 33-45:  
рис