

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

Analysis of extracellular polymeric substances from pre-treated sludge by high-performance size exclusion chromatography

Lepane, Viia; Menert, Anne; Michelis, Merje; Rikmann, Ergo; Vilu, Raivo International Symposium Analytical Forum 2004 : Warsaw, Poland : Book of abstracts 2004 / p. 202

Analysis of organic species in sediments and soil by high performance separation methods = Orgaaniliste ainete analüüs sette ja mulla proovides kõrgefektiivsete lahutusmeetodite abil

Makarõitseva, Natalja 2011 <https://digi.lib.ttu.ee/i/2614>

Analysis of pore water dissolved organic matter by UV-spectroscopy and spectral fluorescence signatures technology

Makarõitseva, Natalja; Lepane, Viia; Alliksaar, Tiiu; Tõnno, Ilmar From Molecular Understanding to Innovative Applications of Humic Substances : proceedings of the 14th International Meeting of the International Humic Substances Society : September 14-19, 2008, Moscow-Saint Petersburg, Russia. Volume 1 2008 / p. 269-272 : ill

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

Hödrejäär, 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

Applications of capillary electrophoresis in aquatic dissolved organic matter analysis

Lepane, Viia 10th Nordic IHSS Symposium on Character of Natural Organic Matter and its Role in the Environment 2005 / p. 73

Applications of capillary electrophoresis in aquatic dissolved organic matter analysis

Lepane, Viia Acta Universitatis Latviensis 2005 / p. 56-65

Applications of capillary electrophoresis in aquatic dissolved organic matter analysis

Lepane, Viia Scientific papers University of Latvia 2006 / Earth and environmental sciences, p. 55-65 : ill

Capillary electrophoretic analysis of humic substances from natural waters using ethlen glycol modifical background electrolyte

Lepane, Viia; Ebber, Arkadi; Kaljurand, Mihkel 23rd International Symposium on Chromatography : book of abstracts 2000 / p. 67

Capillary electrophoretic characterisation of humic substances

Lepane, Viia; Gorohhova, Jekaterina Advances in Natural Organic Matter and Humic Substances Research 2008-2010 : XV Meeting of the International Humic Substances Society : Puerto de la Cruz, Tenerife, Canary Islands, 27 June - 2 July 2010 : proceedings. Vol. 2 2010 / p. 113-116 : ill

Characterisation of dissolved organic matter in the Baltic and Skagerrak using field-flow fractionation, gel permeation chromatography and 3D fluorescence spectroscopy

Hassellöv, M.; Persson, T.; **Lepane, Viia**; Turner, D.; Wedborg, M. 6th International Symposium on Field-Flow Fractionation, Ferrara, Italy, September 9-11, 1996 1996 / p. 55

Characterisation of humic substances from Estonian waters by capillary electrophoresis

Lepane, Viia Proceedings of the 8th Nordic IHSS Symposium on Humic Substances 2001 / p. 33-38

Characterization of aquatic humic substances by size exclusion chromatography

Lepane, Viia 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 72

Characterization of aquatic humic substances by size exclusion chromatography and capillary electrophoresis

Lepane, Viia Proceedings of the 5th Finnish Conference of Environmental Sciences : 18-19 May 2001 2001 / p. 26-29

Characterization of aquatic humic substances by size exclusion chromatography and capillary electrophoresis

Lepane, Viia 2001 http://www.ester.ee/record=b1569755*est

Characterization of Baltic Sea dissolved organic matter as oil shale precursor by separation and fractionation by adsorption chromatographic XAD method, and size exclusion chromatography

Lepane, Viia Oil shale 2001 / 3, p. 239-257 https://artiklid.elnet.ee/record=b1007834*est

Characterization of dissolved organic matter in lake sediment pore water samples by spectroscopic methods

Makarõtsõeva, Natalja; Lepane, Viia 8th European Meeting on Environmental Chemistry (EMEC8) : Inverness, Scotland, 5-8 December 2007 : book of abstracts 2007 / p. 26

Characterization of pore water Fe-NOM complexes by HPSEC-ETAAS

Lepane, Viia; Soret, A.; Makarõtsõeva, Natalja Programme and abstracts : 13th Nordic-Baltic IHSS Symposium. The role of natural organic matter in the environment : Oskarsborg, Norway, June 19-22, 2011 2011 / p. 29
<https://www.etis.ee/Portal/Publications/Display/2fd29758-95ef-42ab-ba20-4e5c365a4a5a>

Characterization of sediment pore-water dissolved organic matter by capillary zone electrophoresis using polyvinyl alcohol coated capillary

Lepane, Viia; Leeben, Aina 25th International Symposium on Chromatography : Paris, France, 2004 2004 / p. 135

Characterization of sediment pore-water dissolved organic matter of lakes by high performance size exclusion chromatography

Lepane, Viia; Malashenko, Olga; Leeben, Aina 9th Nordic IHSS Symposium on Abundance and Functions of Natural Organic Matter Species in Soil and Water : Sundsvall, Sweden, 2003 : abstracts 2003 / p. 8P

Characterization of sediment pore-water dissolved organic matter of lakes by high-performance size exclusion chromatography

Lepane, Viia; Leeben, Aina; Malashenko, Olga Aquatic sciences 2004 / 2, p. 185-194 : ill

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

Lepane, Viia; Makarõtsõeva, 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

Chemistry and ecology

2010

Comparative study for differentiation of aquatic humic-type organic constituents by capillary zone electrophoresis using polyvinyl alcohol-coated capillary

Peuravuori, Juhani; Lehtonen, Tero; Lepane, Viia; Pihlaja, Kalevi Talanta 2005 / p. 103-111 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0039914005001141>

Comparative study for separation of aquatic humic substances by capillary zone electrophoresis using uncoated, polymer coated and gel-filled capillaries

Peuravuori, Juhani; Lepane, Viia; Lehtonen, Tero; Pihlaja, Kalevi Journal of chromatography A 2004 / 1, p. 129-142 : ill

Comparisation of XAD resins for the isolation of humic substances from seawater

Lepane, Viia Journal of chromatography A 1999 / p. 329-335: 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

Comparison of XAD resins for the isolation of seawater humic substances

Lepane, Viia 22nd International Symposium on Chromatography : ISC'98 : Roma, September 13-18, 1998 : book of abstracts 1998 / p. 121

Dark fermentation of biomass and organic waste for production of renewables

Vaalu, Tarmo; Michelis, Merje; Mets, Aita; Lepane, Viia; Kaljurand, Mihkel; Suurvõli, Jaanus; Menert, Anne 12th Nordic-Baltic IHSS Symposium on Natural Organic Matter in Environment and Technology : Tallinn, Estonia, June 14-17, 2009 : program and abstracts 2009 / p. 43

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

Determination of total and labile metal in sediments by anodic stripping voltammetry

Lepane, Viia; Hõdrejõrv, Helvi International Congress on Analytical Sciences 1991 (IUPAC ICAS'91) : abstracts, Chiba, Japan, 25-31 August 1991 1991 / p. 312

Dissolved organic matter, nutrients, and bacteria in Antarctic soil core from Schirmacher Oasis

Lepane, Viia; Künnis-Beres, Kai; Kaup, Enn; Sharma, Bhupesh Journal of soils and sediments 2018 / p. 2715-2726 : ill <https://doi.org/10.1007/s11368-018-1913-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ecosystem changes in large and shallow Võrtsjärv, a lake in Estonia - evidence from sediment pigments and phosphorus fractions

Tönno, Ilmar; Kirsi, Anna-Liisa; Freiberg, Rene; **Alliksaar, Tiiu; Lepane, Viia;** Kõiv, Toomas; **Kisand, Anu; Heinsalu, Atko** Boreal environment research 2013 / p. 195-208 : ill <https://www.semanticscholar.org/paper/Ecosystem-changes-in-large-and-shallow-V%C3%B5rtsj%C3%A4rv%2C-a-T%C3%B5nno-Kirsi/1b6537bb746d1efabb83b1db1529b453fa231138> [Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of acidification on the mass balance of heavy metals in snow

Hödrejärv, Helvi; Lepane, Viia; Vaarmann, Aini Euroanalysis VIII : European Conference on Analytical Chemistry, Edinburgh, Scotland, UK, Sept. 1993 : book of abstracts 1993 / p. 30

Effect of long-term application of organic fertilizers on improving organic matter quality in acid soil

Mockeviciene, Ieva; Repsiene, Regina; Amaleviciute-Volunge, Kristina; Karcauskiene, Danute; Slepeliene, Alvyra; **Lepane, Viia** Archives of agronomy and soil science 2021 / p. 1192 - 1204 <https://doi.org/10.1080/03650340.2021.1875130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of UV-B radiation on molecular weight distribution and fluorescence from humic substances in riverine and low salinity water

Lepane, Viia; Persson, T.; Wedborg, M. Estuarine, coastal and shelf science 2003 / p. 161-173 : ill <https://www.sciencedirect.com/science/article/pii/S0272771402001543>

Electrophoretic aggregation of humic acid

Übner, Monika; Lepane, Viia; Lopp, Margus; Kaljurand, Mihkel Journal of chromatography A 2004 / p. 253-258 : ill

Evaluation of freshwater using chromatographic analyses of dissolved organic matter data from the hypertrophic river Vääna, Estonia

Lepane, Viia Sustainability 2023 / art. 16819 <https://doi.org/10.3390/su152416819> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fluorescence spectroscopy of sedimentary pore-water humic substances : a simple tool for retrospective analysis of lake ecosystems

Leeben, Aina; Mikomägi, Annika; **Lepane, Viia; Alliksaar, Tiiu** Journal of soils and sediments 2014 / p. 269-279 : ill <https://doi.org/10.1007/s11368-013-0768-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heavy metals concentration in snow filtrate and solid phase

Hödrejärv, Helvi; Lepane, Viia Kemia-kemi = [Finnish chemistry] 1991 / p. 973 https://www.ester.ee/record=b1201067*est

Heavy metals in man in the area of cement factory

Viitak, Anu; Hödrejärv, 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 some Estonian lake sediments

Lepane, Viia; Ott, Roman; Varvas, M. Environmental Contamination : 5-th International Conference, Morges, Switzerland, Sept., 1992 1992 / p. 84-86

Heavy metals in the lake muds of Estonia

Hödrejärv, Helvi; Lepane, Viia Estonian Curative Muds : workshop, Tallinn, Oct. 22, 1992 1993 / p. 31-32

High-performance liquid chromatography (HPLC)-size exclusion chromatography (SEC) for qualitative detection of humic substances and dissolved organic matter in mineral soils and peats in Lithuania

Jokubauskaite, Ieva; Amaleviciute, Kristina; **Lepane, Viia;** Slepeliene, Alvyra; Slepetyt, Jonas; Liaudanskiene, Inga; Karcauskiene, Danute; Booth, Colin A. International journal of environmental analytical chemistry 2015 / p. 508-519 : ill <https://doi.org/10.1080/03067319.2015.1048435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-performance size exclusion chromatographic characterisation of dissolved organic matter from seawater using fluorescence detection

Lepane, Viia 23rd International Symposium on High Performance Liquid Phase Separations and Related Techniques HPLC'99 : May 30-June 4, 1999, Granada, Spain : book of abstracts. Volume II 1999 / p. PB8/30

High-performance size exclusion chromatographic characterization of humic substances and dissolved organic matter from Baltic aquatic environment

Lepane, Viia; Kudrjašova, Marina Oil shale 2001 / 4, p. 350-372 : ill https://artiklid.elnet.ee/record=b1008453*est

High-performance size exclusion chromatography analysis of lake sediment pore-water dissolved organic matter
Lepane, Viia; Makarõtsõeva, Natalja; Bonningues, Nicolas; **Leeben, Aina** Humic Substances - Linking Structure to Functions : proceedings of the 13th Meeting of the International Humic Substances Society : July 30 to August 4, 2006, Universität Karlsruhe 2006 / p. 209-212 : ill

High-performance size-exclusion chromatographic and spectrometric analysis of dissolved organic matter in lakewater samples

Makarõtsõeva, Natalja; Lepane, Viia CECE 2007 : 4th International Interdisciplinary Meeting on Bioanalysis : Brno, November 15-16, 2007 2007 / p. 30-31

History of anthropogenically mediated eutrophication of Lake Peipsi as revealed by the stratigraphy of fossil pigments and molecular size fractions of pore-water dissolved organic matter

Leeben, Aina; Tõnno, Ilmar; Freiberg, Rene; Lepane, Viia; Bonningues, Nicolas; **Makarõtsõeva, Natalja; Heinsalu, Atko; Alliksaar, Tiiu** Hydrobiologia 2008 / p. 49-58 : ill https://doi.org/10.1007/978-1-4020-8379-2_6

History of anthropogenically mediated eutrophication of Lake Peipsi as revealed from constituents of sedimentary organic matter

Leeben, Aina; Alliksaar, Tiiu; Bonningues, Nicolas; Freiberg, R.; **Heinsalu, Atko; Lepane, Viia; Makarõtsõeva, Natalja;** Tõnno, Ilmar European Large Lakes Symposium : Ecosystem Changes and their Ecological and Socioeconomic Impacts : September 11-15, 2006, Tartu, Estonia : programme and abstracts 2006 / p. 24

HPLC analysis of chromophoric dissolved organic matter in Antarctic soil core : comparison with microbiology data

Lepane, Viia; Künnis-Beres, Kai; **Gorohhova, Jekaterina; Kaup, Enn** Soil Interfaces in a Changing World : 6th ISMOM : International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms : 26th June – 1st July 2011 Montpellier, France : book of abstracts 2011 / p. 88 <https://kirjandus.geoloogia.info/en/reference/24217>

HPLC approach for elucidating age-related changes of aquatic dissolved organic matter in sediment core

Lepane, Viia; Tõnno, Ilmar; **Alliksaar, Tiiu** 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. 110

HPLC approach for revealing age-related changes of aquatic dissolved organic matter in sediment core

Lepane, Viia; Tõnno, Ilmar; Alliksaar, Tiiu Procedia chemistry 2010 / p. 101-108 : ill
<https://www.sciencedirect.com/science/article/pii/S1876619609004124>

HPLC fingerprints of porewater organic compounds as markers for environmental conditions

Lepane, Viia International perspectives on global environmental change 2012 / p. 311-328 : ill
https://www.researchgate.net/publication/221923691_HPLC_Fingerprints_of_Porewater_Organic_Compounds_as_Markers_for_Environmental_Conditions

HPLC study of dissolved organic matter dynamics and water quality in River Vääna, Estonia

Lepane, Viia; Suursõõt, Kristel [IHSS 18 - 18th International Conference of International Humic Substances Society : Kanazawa City, Ishikawa, Japan, September 11 - 16, 2016 : book of abstracts] 2016 / [2] p

HPLC-SEC and capillary electrophoresis methods for dissolved organic matter separation in environmental samples

Lepane, Viia; Leeben, Aina 1st International Conference on Aquatic Colloids and Nanoparticles 2005 / ? p

HPSEC for characterisation of humic substances from different aquatic environments

Lepane, Viia; Morgun, A.; Dmitrenko, O. First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 119-120

The impact of profile genesis and land use of histosol on its organic substance stability and humic acid quality at the molecular level

Amaleviciute-Volunge, Kristina; Volungevicius, Jonas; Ceponkus, Justinas; Platakyte, Rasa; Mockeviciene, Ieva; Slepeliene, Alvyra; **Lepane, Viia** Sustainability 2023 / art. 5921, 22 p <https://doi.org/10.3390/su15075921> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC

Lepane, Viia; Väli, Anna-Liisa; Suursõõt, Kristel The 17th Meeting of the International Humic Substances Society : book of abstracts : Ioannina, Greece 1-5 September 2014 2014 / p. 34-35 : ill

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC-SEC and UV-vis spectroscopy

Lepane, Viia; Depret, Laura; Väli, Anna-Liisa; Suursõõt, Kristel Chemical and Biological Technologies in Agriculture 2015 / p. 1-7 : ill <https://doi.org/10.1186/s40538-015-0040-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

Interferences in natural water analysis by anodic stripping voltammetry

Lepane, Viia Kemia 93 : Finnish Chemical Congress and Exhibition, Helsinki, 2.-4. nov. 1993 : abstracts 1993 / p. 16

Molecular components of dissolved organic matter distinguished by optical properties and HPLC in the sediments of Lake Tõugjärv, Southern Estonia

Lepane, Viia; Makarõtsõeva, Natalja; Alliksaar, Tiiu Geophysical research abstracts 2009 / p. 12450

<https://meetingorganizer.copernicus.org/EGU2009/EGU2009-12450.pdf>

Molecular size distribution of metal complexes with pore water dissolved organic matter determined by HPSEC and ICP-MS

Makarõtsõeva, Natalja; Lepane, Viia; Alliksaar, Tiiu Advances in Natural Organic Matter and Humic Substances Research 2008-2010 : XV Meeting of the International Humic Substances Society : Puerto de la Cruz, Tenerife, Canary Islands, 27 June - 2 July 2010 : proceedings. Vol. 3 2010 / p. 118-119 : ill <https://kirjandus.geoloogia.info/en/reference/33006>

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

Lepane, Viia; Makarõtsõeva, 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>

Programmes and courses of chemistry and materials technology

1997 https://www.ester.ee/record=b1358089*est

Programmes and courses taught in English [at] Tallinn Technical University 1999/2000

1999 https://www.ester.ee/record=b1349321*est

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 lühiartiklid, Tartu, 24.-26. aprill 1994 1994 / lk. 120-124 : ill

Raskemetallidest Peipsi järve setetes

Lepane, Viia; Ott, Roman; Hõdrejärv, Helvi Peipsi järve seisund 1990 / lk. 59-61

Raskemetallidest Peipsi järves

Hõdrejärv, Helvi; Ott, Roman; Lepane, Viia; Vaarmann, Aini Eesti NSV Teaduste Akadeemia toimetised. Bioloogia = Известия Академии наук Эстонской ССР. Биология = Proceedings of Academy of Sciences of the Estonian SSR. Biology 1989 / lk. 137-144 : ill., joon., tab https://www.ester.ee/record=b1249384*est

Reconstruction of organic carbon sources in the palaeoenvironment of a lake : an optical approach

Leeben, Aina; Alliksaar, Tiiu; Heinsalu, Atko; Lepane, Viia; Salujõe, Jaana; Veski, Siim The 23rd International Meeting on Organic Geochemistry (IMOG2007) : Torquay, England, 9-14 September 2007 2007 / p. 1051-1052

Sedimentary record of heavy metals in Lake Rõuge Liinjärv, southern Estonia

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

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

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

Similar and different features in the palaeolimnology of two connected shallow large lakes over the last 100 years (north-eastern Europe)

Leeben, Aina; Alliksaar, Tiiu; Heinsalu, Atko; Freiberg, Rene; Lepane, Viia; Tõnno, Ilmar The 7th International Shallow Lake

Conference : Conservation, Management and Restoration of Shallow Lake Ecosystems Facing Multiple Stressors : Wuxi, China, April 24-28 : programs and abstracts 2011 / p. 115-116

Some chemical characteristics of sewage sludges in Estonia

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

Spectroscopic analysis of chromatographically separated molecular fractions of sedimentary dissolved organic matter

Lepane, Viia; Hinnov, Mariann; Tönno, Ilmar; **Alliksaar, Tiiu** Geophysical research abstracts 2008 / [2] p

Structural analysis of sediments from Lake Peipsi, Estonia, by FTIR and Py-GC/MS

Makarõtsëva, Natalja; Bikovens, O.; **Alliksaar, Tiiu; Lepane, Viia** Programme and Abstracts : 13th Nordic-Baltic IHSS Symposium. The role of natural organic matter in the environment : Oskarsborg, Norway, June 19-22, 2011 2011 / p. 30

Techniques involving UV absorption spectroscopy for estimation of structural changes in soil organic matter

Lepane, Viia; Otsep, Helen; Szajdak, Lech Wojciech; Szczepanski, Marek EGU General Assembly 2021 : vEGU21 : Gather Online : 19-30 April 2021 2021 / EGU21-15909, 1 p <https://doi.org/10.5194/egusphere-egu21-15909>

A 10000 year record of sediment porewater dissolved organic matter characteristics from Lake Peipsi as revealed by HPSEC

Makarõtsëva, Natalja; Lepane, Viia; Alliksaar, Tiiu; Heinsalu, Atko Chemistry and ecology 2010 / Suppl., p. 13-24 :ill <https://www.tandfonline.com/doi/abs/10.1080/02757540.2010.501030>

The complementary use of UV, EPR and SEC to study the structural changes of humic substances during wood waste composting

Bikovens, O.; Lepane, Viia; Makarõtsëva, Natalja; Dizhbite, T.; Telysheva, G. Functions of natural organic matter in changing environment 2013 / p. 113-117

Tracking changes in the organic matter in a lake palaeoecosystem : a spectrophotometric approach

Leeben, Aina; Alliksaar, Tiiu; Heinsalu, Atko; Lepane, Viia; Veski, Siim Organic geochemistry 2008 / 8, p. 915-918 : ill <https://doi.org/10.1016/j.orggeochem.2008.05.004>

12th Nordic-Baltic IHSS Symposium on Natural Organic Matter in Environment and Technology : Tallinn, Estonia, June 14-17, 2009 : program and abstracts

2009 http://www.ester.ee/record=b2508511*est

Vee humiinainete eksklusioonkromatograafiline iseloomustamine

Lepane, Viia XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 65

Vee humiinainete kapillaarelektroforeetiline analüüs

Lepane, Viia; Ebber, Arkadi; Kaljurand, Mihkel XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 78-79 : ill

Vees lahustunud orgaanilise aine eraldamine ja fraktsioneerimine adsorptsioon- ja eksklusioonkromatograafia abil

Lepane, Viia XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 71-72

Vertical distribution of DOM characteristic in sediment porewaters from Lake Peipsi, Estonia, as revealed by liquid chromatography

Makarõtsëva, Natalja; Lepane, Viia; 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. 74

XAD usin separation and fraction of dissolved organic matter from seawater

Lepane, Viia 30th International Symposium on Environmental Analytical Chemistry : book of abstracts 2000 / p. 11

Использование инверсионной вольтамперометрии для определения микроэлементов в донных отложениях

Lepane, Viia; Hödrejārv, Helvi Электрохимические средства анализа и охрана окружающей среды : тезисы докладов всесоюзной конференции, 25-27 июня 1989 г 1989 / с. 76-78 : рис https://www.ester.ee/record=b1208856*est

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

Lepane, Viia; Hödrejārv, 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

Определение содержания свинца в воде методом инверсионной вольтамперометрии

Lepane, Viia Тринадцатая конференция молодых научных работников Института неорганической химии : тезисы докладов 1987 / с. 52 https://www.ester.ee/record=b3828991*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

Применение инверсионной вольтамперометрии в анализе природных вод

Lepane, Viia; Vaarmann, Aini Проблемы промышленной экологии 1988 / с. 83-87

Проблемы промышленной экологии

Pikkov, Lui; Kaps, Tiit; Sillajõe, Aadu; Vares, Toomas; Mölder, Heino; Munter, Rein; Looits, Hilja; Preis, Sergei; Siirde, Enno; Kann, Aino; Mandel, Mihkel; Liebert, Tiiu; Tauts, Olev; Täht, Riina; Tedersoo, Erge; Piiraja, Eduard; Piir, E.; Friedenthal, Margus; Pappel, Kaie; Köstner, Ado; Palm, Toivo; Jagomägi, A.; Holstinina, Natalja; Kuusik, Rein, keemik; Triikkel, Andres; Veiderma, Mihkel; Metsik, Rein; Merendi, Jüri; Hallik, A.; Talimets, Ellen; Viisimaa, Ludmilla; Hödrejärv, Helvi; Pets, Lydia; Vaganov, Peter; Ott, Roman; Lepane, Viia; Vaarmann, Aini; Palm, Toivo; Paal, Leopold 1988

https://www.ester.ee/record=b1222151*est