

Analysis of chemical warfare agent degradation products using portable capillary electrophoresis instrument with various injection devices

Makarõtsõeva, Natalja; Vaher, Merike; Kaljurand, Mihkel 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. 113 : ill

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

Makarõtsõeva, Natalja 2011 <https://digi.lib.ttu.ee/i/?614>

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

Makarõtsõeva, 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 the degradation products of chemical warfare agents using a portable capillary electrophoresis instrument with various sample injection devices

Makarõtsõeva, Natalja; Seiman, Andrus; Vaher, Merike; Kaljurand, Mihkel Procedia chemistry 2010 / p. 20-25 : ill
<https://www.sciencedirect.com/science/article/pii/S1876619609004021>

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>

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

Determination of five priority haloacetic acids by capillary electrophoresis with contactless conductivity detection and solid phase extraction preconcentration

Kuban, Petr; Makarõtsõeva, Natalja; Kiplagat, Isaac; Kaljurand, Mihkel Journal of separation science 2012 / p. 666-673 : ill
https://www.researchgate.net/publication/221932273_Determination_of_five_priority_haloacetic_acids_by_capillary_electrophoresis_with_contactless_conductivity_detection_and_solid_phase_extraction_preconcentration

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

In situ determination of nerve agents in various matrices by portable capillary electropherograph with contactless conductivity detection

Kuban, Petr; Seiman, Andrus; Makarõtsõeva, Natalja; Vaher, Merike; Kaljurand, Mihkel Journal of chromatography A 2011 / p. 2618-2625 : 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; Makarõtsõeva, 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

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

Portable capillary electrophoresis instrument

Jaanus, Martin; Seiman, Andrus; Vaher, Merike; Makarõtsõeva, Natalja; Kuuskmäe, Edur; Kaljurand, Mihkel 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. 59

Portatiivne kapillaarelektroforeesi aparaat keskkonnareostuse analüüsiks

Knjazeva, Tatjana; Makarõtsõeva, Natalja; Kobrin, Eeva-Gerda; Helmja, Kati; Seiman, Andrus; Vaher, Merike; Kaljurand, Mihkel XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 46

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

Makarõtsõeva, 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

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

Makarõtsõeva, 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 analysis of degradation product of toxic organophosphates in soil organic matter : extraction procedures and separation with capillary electrophoresis

Makarõtsõeva, Natalja; Seiman, Andrus; Vaher, Merike; Kaljurand, Mihkel 12th Nordic-Baltic IHSS Symposium on Natural Organic Matter in Environment and Technology : Tallinn, Estonia, June 14-17, 2009 : program and abstracts 2009 / p. 81

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

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

The detection of nerve agent degradation products in different soil fractions using capillary electrophoresis with contactless conductivity detection

Seiman, Andrus; Makarõtsõeva, Natalja; Vaher, Merike; Kaljurand, Mihkel Chemistry and ecology 2010 / Suppl., p. 145-155 : ill

<https://www.tandfonline.com/doi/abs/10.1080/02757540.2010.497761>

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

Makarõtsõeva, 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