

Aqueous photocatalytic oxidation of lignin and humic substances with supported TiO₂
Portjanskaja, Elina; Preis, Sergei; Kallas, Juha 6th European Meeting Environmental Chemistry : December 6-10, 2005, Belgrade, Serbia and Montenegro 2005 / p. 145

Aqueous photocatalytic oxidation of non-biodegradable pollutants = Bioloogiliselt mittelagunevate saasteainete fotokatalüütiline oksüdatsioon vesifaasis
Klauson, Deniss 2010 <https://digi.lib.ttu.ee/i/?479> https://www.esther.ee/record=b2595245*est

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 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.esther.ee/record=b1569755*est

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>

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 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

Eesti turba kasutusvõimaluste uuring balneoloogia valdkonnas
Orru, Mall Eesti Geoloogiaeskuse Toimetised 2012 / lk. 53-64 https://artiklid.elnet.ee/record=b2537121*est

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>

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](#)

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, Vilia**; Slepeliene, Alvyra; Slepelys, Jonas; Liaudanskiene, Inga; Karcauskienė, 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 characterization of humic substances and dissolved organic matter from Baltic aquatic environment

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

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

Lepane, Vilia; Tõnno, Ilmar; Alliksaar, Tiiu Procedia chemistry 2010 / p. 101-108 : ill

<https://www.sciencedirect.com/science/article/pii/S1876619609004124>

HPSEC for characterisation of humic substances from different aquatic environments

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

Humaatidega rikastatud mullaparandaja mõju mullaelustikule ja saagile

Kuu, Annely; **Ivask, Mari; Sutri, Merit; Põldmets, Marian; Shanskiy, Merrit** Agronomy 2023 = Agronomy 2023 2023 / Lk. 33-43

https://www.esther.ee/record=b2226971*est <https://www.pikk.ee/wp-content/uploads/2023/03/Agronomia2023v.pdf>

Humic substances as a background electrolyte in capillary electrophoresis

Übner, Monika; **Kaljurand, Mihkel; Lopp, Margus** Chemistry and ecology 2010 / Suppl., p. 157-165 : ill

Humiinainete fotokatalüütiline oksüdatsioon vesilahustes

Portjanskaja, Elina; **Kritševskaja, Marina; Preis, Sergei** XXVIII Eesti keemiatänavad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 103

Humiinainete ja ligniinide fotokatalüütiline oksüdatsioon veefaasis kinnitatud TiO₂-ga

Portjanskaja, Elina; Preis, Sergei; **Kallas, Juha** XXIX Eesti keemiatänavad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 89

Impact of EDTA and humic substance on the removal of Cd²⁺ and Zn²⁺ from aqueous solutions by apatite

Viipsi, Karin; Sjöberg, Staffan; **Tönsuadu, Kaia**; Shchukarev, Andrey Environment abstracts : seventh Annual International Conference on Environment : 14-17 May 2012, Athens, Greece 2012 / p. 85-86

Impact of EDTA and humic substances on the removal of Cd and Zn from aqueous solutions by apatite = EDTA ja humiinaaine mõju Cd ja Zn eraldamisele vesilahusest apatiidiiga

Viipsi, Karin 2012

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

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

Interaction of humic substances with metal cations

Übner, Monika 2004 https://www.esther.ee/record=b1990652*est

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

Interactions of Pb²⁺ with fulvic acid by electrophoretically mediated on-capillary microanalysis

Übner, Monika; **Kaljurand, Mihkel; Lopp, Margus** Journal of chromatography A 2004 / p. 253-256 : ill

<https://www.sciencedirect.com/science/article/pii/S0021967304016899>

Photocatalytic decomposition of humic acids in anoxic aqueous solutions producing hydrogen, oxygen and light hydrocarbons

Klauson, Deniss; Budarnaja, Olga; Castellanos Beltran, Ignacio; Kritševskaja, Marina; Preis, Sergei Environmental technology 2014 / p. 2237-2243 : ill <https://doi.org/10.1080/09593330.2014.900116> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photocatalytic oxidation of humic substances with TiO₂ attached to the hollow glass micro-spheres

Portjanskaja, Elina; **Kritševskaja, Marina; Preis, Sergei** Abstracts of the International Conference "Eco-Balt 2004" 2004 / p. 5-6

Photocatalytic oxidation of humic substances with TiO₂-coated glass micro-spheres

Portjanskaja, Elina; **Kritševskaja, Marina; Preis, Sergei; Kallas, Juha** Environmental chemistry letters 2004 / 3, p. 123-127

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

Rauaioonide mõju 2-etoksüetanooli fotokatalüütilese oksüdatsioonile vesifaasis

Klauson, Deniss; Portjanskaja, Elina; Kritševskaja, Marina; Katšina, Anna; Preis, Sergei; Kallas, Juha XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 42

Research Laboratory for Proactive Technologies, Department of Computer Control, Tallinn University of Technology : annual report 2008

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

Sulfate-reducing anaerobic ammonium oxidation as a potential treatment method for high nitrogen-content wastewater

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Taavo; Menert, Anne; Loorits, Liis; Tenno, Toomas Biodegradation 2012 / p. 509-524 : ill https://www.researchgate.net/publication/348845233_Sulfate-reducing_anaerobic_ammonium_oxidation_as_a_potential_treatment_method_for_high_nitrogen-content_wastewater

The influence of titanium dioxide modifications on photocatalytic oxidation of lignin and humic acids

Portjanskaja, Elina; Stepanova, Kristina; Klauson, Deniss; Preis, Sergei Catalysis today 2009 / 1/2, p. 26-30 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0920586109000029>

The interactions of metal cations with different humic substances

Übner, Monika; Treumann, Maili; Lopp, Margus 9th Nordic IHSS Symposium on Abundance and Functions of Natural Organic Matter Species in Soil and Water : Sundsvall, Sweden, 2003 : abstracts 2003 / p. 53P https://kirj.ee/wp-content/plugins/kiri/pub/chem-1-2005-24-34_20211020090234.pdf

Transformation of natural and synthetic dyes in pulsed electric discharge in the granular steel bed

Shiyan, Ludmila; Lobanova, Galina; Yurmazova, Tatyana; Machechkina, Ksenia; Preis, Sergei Journal of electrostatics 2018 / p. 90-98 : ill <https://doi.org/10.1016/j.elstat.2018.10.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Turvas on võimas kosmeetikavahend [Võrguväljaanne]

Karin, Thea maaleht.ee 2022 ["Turvas on võimas kosmeetikavahend"](#)

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.estr.ee/record=b2508511*est

Vee humiinainete eksklusioonkromatograafiline iseloomustamine

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

Vee humiinainete kapillaarelektoforeetiline analüüs

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