

Cd²⁺ and Zn²⁺ sorption on apatite in the presence of EDTA and humic substance

Viipsi, Karin; Sjöberg, Staffan; **Tõnsuaadu, Kaia;** Shchukarev, Andrey Conference abstracts : 16th International Conference on Heavy Metals in the Environment : Rome, 23-27 September 2012 <https://www.diva-portal.org/smash/get/diva2:1167261/FULLTEXT01.pdf>

Cd²⁺ and Zn²⁺ sorption on apatite in the presence of EDTA and humic substance

Viipsi, Karin; Sjöberg, Staffan; **Tõnsuaadu, Kaia;** Shchukarev, Andrey Proceedings of the 16th International Conference on Heavy Metals in the Environment : Rome, Italy, September 23-27, 2012 2013 / p. 01008-p.1-01008-p.4 : ill

Cd²⁺ and Zn²⁺ sorption on hydroxyapatite in the presence of EDTA in aqueous solution in equilibrium state

Viipsi, Karin; **Tõnsuaadu, Kaia** SETAC Europe 21st Annual Meeting Ecosystem Protection in a Sustainable World : a Challenge for Science and Regulation, Milan, 15-19 May 2011 : abstract book 2011 / p. 129-130

Cd(II) ja Zn(II) eraldamine vesilahusest hüdroksüül- ja fluorapatiidiga EDTA juuresolekul

Viipsi, Karin; **Kaju, K.;** **Tõnsuaadu, Kaia;** Shchukarev, Andrey XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 110

Doctoral thesis on toxic metal removal by apatites

Viipsi, Karin Global TraPs : global transdisciplinary processes for sustainable phosphorus management (2010–2015) : newsletter 2012 / p. 3 : photo

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>

Enhancing the surface charge of BCTMP of aspen with supercritical CO₂ treatment

Kärner, Kärt; **Talviste, Rasmus;** **Viipsi, Karin;** **Kallavus, Urve** Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 87 : ill

Enhancing the surface charge of BCTMP of aspen with supercritical CO₂ treatment

Kärner, Kärt; **Talviste, Rasmus;** **Viipsi, Karin;** **Kallavus, Urve** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p. : ill

Hüdroksüülaptiidi 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

Hydroxy- and fluorapatite as a sorbents in Cd(II) - Zn(II) multicomponent solution in the presence of EDTA

Viipsi, Karin; **Tõnsuaadu, Kaia;** Shchukarev, Andrey 6th ISMOM : International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms; 3rd InterCongress of Commission 2.5 IUSS Soil chemical, physical and biological interfacial reactions, 26th June - 1st July 2011, Montpellier, France : conference proceedings; book of abstracts 2011 / [1 p.]
<https://www.sciencedirect.com/science/article/pii/S0304389413001507>

Hydroxy- and fluorapatite as sorbents in Cd(II)–Zn(II) multi-component solutions in the absence/presence of EDTA

Viipsi, Karin; Sjöberg, Staffan; **Tõnsuaadu, Kaia;** Shchukarev, Andrey Journal of hazardous materials 2013 / p. 91-98 : ill
<https://doi.org/10.1016/j.jhazmat.2013.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Viipsi, Karin; Sjöberg, Staffan; **Tõnsuaadu, 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 humiinaine mõju Cd ja Zn eraldamisele vesilahusest apatiidiga

Viipsi, Karin 2012

Impact of humic acid on Cd²⁺ ions sorption on apatite in aqueous solution

Viipsi, Karin; **Tõnsuaadu, Kaia** 12th Nordic-Baltic IHSS Symposium on Natural Organic Matter in Environment and Technology : Tallinn, Estonia, June 14-17, 2009 : program and abstracts 2009 / p. 92

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

Nature of materials obtained by sorption of M²⁺ and M³⁺ metal ions on apatite surface

Tõnsuaadu, Kaia; Gruselle, Michel; Gredin, Patrick; **Viipsi, Karin;** **Mikli, Valdek;** Shchukarev, Andrey; Sjöberg, Staffan 19th International Conference on Phosphorus Chemistry : book of abstracts 2012 / p. 110

Study of the effect of mechanical treatment and supercritical CO₂ extraction on aspen BCTMP by surface charge measurements and SEM

Kärner, Kärt; Talviste, Rasmus; **Viipsi, Karin**; **Elomaa, Matti Antero**; **Kallavus, Urve** Cellulose chemistry and technology 2014 / p. 535-544 : ill [https://www.cellulosechemtechnol.ro/pdf/CCT5-6\(2014\)/p.535-544.pdf](https://www.cellulosechemtechnol.ro/pdf/CCT5-6(2014)/p.535-544.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A surface complexation and solubility study of hydroxyapatite in the presence of Cd(II) and EDTA

Viipsi, Karin; **Tõnsuaadu, Kaia**; **Sjöberg, Staffan** SETAC Europe : 20th Annual Meeting 23-27 May 2010, Seville, Spain : Science and Technology for Environmental Protection : abstract book 2010 / p. WE 454

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>