

#### **A review on the thermal stability of calcium apatites**

**Tõnsuaadu, Kaia**; Gross, Karlis Agris; Pluduma, Liene; **Veiderma, Mihkel** Journal of thermal analysis and calorimetry 2012 / p. 647-659 : ill <https://ortus.rtu.lv/science/en/publications/14851>

#### **A thermoanalytical study of synthetic carbonate-containing apatites**

**Tõnsuaadu, Kaia**; **Peld, Merike**; Leskelä, Tuula; Mannonen, Risto; Niinistö, Lauri; **Veiderma, Mihkel** 14th Nordic Symposium on Thermal Analysis and Calorimetry, Oslo, 15-17 June 1994 : [abstracts] 1994 / I. P-14

#### **A thermoanalytical study of synthetic carbonate-containing apatites**

**Tõnsuaadu, Kaia**; **Peld, Merike**; Leskelä, T.; Mannonen, R.; Niinistö, L.; **Veiderma, Mihkel** Thermochimica acta 1995 / p. 55-65  
<https://www.sciencedirect.com/science/article/abs/pii/0040603194021690>

#### **Absorption of water in hydroxyapatites**

**Tamm, Toomas**; **Peld, Merike** 11th International Conference on the Applications of Density Functional Theory in Chemistry and Physics 2005 / p. P247

#### **Apatites based catalysts : a tentative classification**

Gruselle, Michel; **Tõnsuaadu, Kaia**; Gredin, Patrick; Len, Christophe Molecular catalysis 2022 / art. 112146  
<https://doi.org/10.1016/j.mcat.2022.112146> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Application of peak fitting program "Galactic" for ftir-analysis of OH-ions in natural and synthetic apatites**

Knubovets, Rena; **Veiderma, Mihkel**; **Tõnsuaadu, Kaia** XIVth International Conference on Phosphorus Chemistry : XIVth-ICPC : Cincinnati, Ohio USA, July 12-17, 1998 : meeting program and abstracts 1998 / p. P278 [https://kirj.ee/wp-content/plugins/kirj/pub/chem-4-1998-163-174\\_20230209181450.pdf](https://kirj.ee/wp-content/plugins/kirj/pub/chem-4-1998-163-174_20230209181450.pdf)

#### **Application of the peak fitting program "Galactic" for FTIR analysis of OH- ions in apatite**

Knubovets, Rena; **Veiderma, Mihkel**; **Tõnsuaadu, Kaia** Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 4, p. 163-174

#### **Application of the peak fitting programme "Galactic" for FTIR-analysis of OH-ions in natural and synthetic apatites**

Knubovets, Rena; **Veiderma, Mihkel**; **Tõnsuaadu, Kaia** Phosphorus, sulphur, and silicon and the related elements 1999 / p. 415

#### **Aqueous and non-aqueous sol-gel synthesis routes for the preparation of calcium hydroxyapatite**

Bogdanoviciene, Irma; Beganskiene, Aldona; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 125

#### **Archaean phosphates: a case study of transformation processes in apatite from the Barberton greenstone belt**

Birski, Łukasz; Slaby, Ewa; Wirth, Richard; Koch-Müller, M.; Simon, K.; Wudarska, Alicja; **Lepland, Aivo** Contributions to mineralogy and petrology 2019 / 25 p. : ill <https://doi.org/10.1007/s00410-019-1560-z> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth**

Mänd, Kaarel; Kirsimäe, Kalle; **Lepland, Aivo**; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill <https://doi.org/10.1111/gbi.12309> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Binding of SO2 by synthetic substituted apatites**

**Tõnsuaadu, Kaia**; **Peld, Merike**; **Bender, Villem**; **Veiderma, Mihkel** Journal of thermal analysis and calorimetry 1999 / Proceedings of the 7th European Symposium on Thermal Analysis and Calorimetry, ISBN 963-05-7629-5. Vol. 1, p. 35-42: ill <https://link.springer.com/article/10.1023/A:1010118905445>

#### **Bioapatiit kui geokeemiline arhiiv : Eesti Teadusfondi projekt "Biogeense apatiidi erimite omadused nende moodustumise ja muutumise indikaatorina", 2002-2005**

Puura, Ivar; **Nemliher, Jüri** Eesti Teadusfondi aastaraamat 2006 2007 / lk. 21-22

#### **Bioapatite as a geochemical archive : "Properties of biogenic apatite varieties as indicators of their formation and alteration", ETF research project 2002-2005**

Puura, Ivar; **Nemliher, Jüri** Estonian Science Foundation 2006 2007 / p. 21

#### **Calcium fluor- and hydroxy-apatites modified or not as catalysts for C-C bond formation**

Gruselle, Michel; **Kanger, Tõnis**; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Maaten, Birgit**; **Tõnsuaadu, Kaia** International Conference Catalysis in Organic Synthesis ICCOS-2012 : September 15-20, 2012, Moscow, Russia : book of abstracts 2012 / p. 190

#### **Calcium hydroxyapatites as efficient catalysts for the Michael C-C bond formation**

Gruselle, Michel; **Kanger, Tõnis**; Thouvenot, Rene; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Traksmäa, Rainer**; **Maaten,**

**Birgit; Tõnsuaadu, Kaia** ACS catalysis 2011 / p. 1729-1733 : ill

**Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction**

Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit; Kriis, Kadri; Kanger, Tõnis; Tõnsuaadu, Kaia**; Badraoui, Bechir Tetrahedron 2017 / p. 6542-6548 : ill <https://doi.org/10.1016/j.tet.2017.09.051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**(Ca-Y)-phosphate inclusions in apatite crystals from Archean rocks from the Barberton Greenstone Belt and Pilbara Craton : First report of natural occurrence**

Birski, Łukasz; Wirth, Richard; Slaby, Ewa; Wudarska, Alicja; **Lepland, Aivo** American mineralogist 2018 / p. 307–313 : ill <https://doi.org/10.2138/am-2018-6150> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cd<sup>2+</sup> and Zn<sup>2+</sup> 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 2012 <https://www.diva-portal.org/smash/get/diva2:1167261/FULLTEXT01.pdf>

**Cd<sup>2+</sup> and Zn<sup>2+</sup> 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

**Cd<sup>2+</sup> and Zn<sup>2+</sup> 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<sup>2+</sup> ja Mn<sup>2+</sup> sidumine vesilahustest sünteetiliste fluorkarbonaatapatiididega = Removal of Cd<sup>2+</sup> and Mn<sup>2+</sup> ions from aqueous solutions by fluorcarbonateapatites**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 215-216 [https://www.ester.ee/record=b1070511\\*est](https://www.ester.ee/record=b1070511*est)

**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

**Changes in the structure of carbonate apatite on calcination**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel**; Koel, Mihkel; **Bender, Villem** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 112

**Chemistry at the surface New organic/mineral hybrid compounds: apatites as chiral ruthenium complexes support**

**Tõnsuaadu, Kaia** Estonian Science Foundation 2006 2007 / p. 39 : phot

**Chlorine isotope composition of apatite from the >3.7 Ga isua supracrustal belt, SW Greenland**

Wudarska, Alicja; Slaby, Ewa; Wiedenbeck, Michael; Birski, Łukasz; Wirth, Richard; Götze, Jens; **Lepland, Aivo**; Kusebauch, Christof; Kocjan, Izabela Minerals 2020 / Art. 27 <https://doi.org/10.3390/min10010027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Comparative study of the thermal behavior of mechanoactivated natural carbonate substituted apatites from Africa (Tunisia), Europe (Bulgaria, Estonia), and Asia (Uzbekistan)**

Petkova, Vilma; **Kaljuvee, Tiit; Tõnsuaadu, Kaia**; Serafimova, E.; Dombalova, I.; Pelovski, Y. ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherlands : abstract book 2010 / p. 189

**Composition and properties of thermophosphates from apatite and aluminosilicates**

**Tõnsuaadu, Kaia; Rimm, Karel; Veiderma, Mihkel** Phosphorus, sulfur and silicon 1993 / p. 73-81: ill

**Composition and properties of thermophosphates from apatite and aluminosilicates**

**Tõnsuaadu, Kaia; Rimm, Karel; Veiderma, Mihkel** Phosphorus, sulfur and silicon and the related elements 1993

**Computational study of cation substitutions in apatites**

**Tamm, Toomas; Peld, Merike** Journal of solid state chemistry 2006 / p. 1581-1587

**Conodont bioapatite resembles vertebrate enamel by XRD properties**

**Nemliher, Jüri; Kallaste, Toivo** Estonian journal of earth sciences 2012 / p. 191-192 [https://artiklid.elnet.ee/record=b2533907\\*est](https://artiklid.elnet.ee/record=b2533907*est)

**Controlled nanocrystalline precipitation of hydroxyapatite on the surface of microfibrillated cellulose fibers**

**Kärner, Kärt; Elomaa, Matti Antero; Kallavus, Urve; Tõnsuaadu, Kaia** International journal of recent scientific research 2017 / p.

**Covalent modification of calcium hydroxyapatite surface by grafting phenyl phosphonate moities**

Aissa, Abdallah; Debbabi, Mongi; Gruselle, Michel; Thouvenot, Rene; Gredin, Patrick; **Traksmaa, Rainer; Tõnsuaadu, Kaia** Journal of solid state chemistry 2007 / 8, p. 2273-2278 <https://www.sciencedirect.com/science/article/pii/S0022459607002034>

**Cu-modified hydroxy-apatite as catalyst for Glaser-Hay C-C homo-coupling reaction of terminal alkynes**

**Maaten, Birgit**; Moussa, Jamal; Desmarets, Christophe; Gredin, Patrick; Beaunier, Patricia; **Kanger, Tõnis; Tõnsuaadu, Kaia**; Villemin, Didier; Gruselle, Michel Journal of molecular catalysis A : chemical 2014 / p. 112-116 : ill

**Decomposition mechanism of hydroxyfluorapatite in phosphoric acid - thermal treatment**

**Põldme, Meeme; Raude, Urmas**; Aruväli, Jaan; Utsal, Kalju XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7, 1989 : abstracts of posters. II 1989 / [p.86] [https://www.ester.ee/record=b1209881\\*est](https://www.ester.ee/record=b1209881*est)

**Decomposition mechanism of xydroxyfluorapatite in phosphoric acid-thermal treatment**

**Põldme, Meeme; Raude, Urmas**; Aruväli, J.; Utsal, K. Phosphorus, sulfur and silicon and the related elements 1990 / p. 441

**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

**Early diagenetic transformation stages revealed by micro-analytical studies of shelly phosphorites, Rakvere region**

**Graul, Sophie Jane Marie-Pascale Huguette; Kallaste, Toivo**; Moilanen, Marko; **Ndiaye, Mawo; Hints, Rutt** Estonian journal of earth sciences 2023 / p. 34–37 : ill <https://doi.org/10.3176/earth.2023.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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>

**EDTA ja tsitraatide mõju Cd2+ ionide sidumisele apatiidiga**

**Tõnsuaadu, Kaia; Vatter, Karin; Peld, Merike; Mikli, Valdek** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 125

**Effect of fluoride and carbonate substitutions on apatites Cd2+ sorption capacity**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem; Veiderma, Mihkel** Toxicological and environmental chemistry 2001 / p. 43-53 [https://www.researchgate.net/publication/250894615\\_Effect\\_of\\_fluoride\\_and\\_carbonate\\_substitutions\\_on\\_apatites\\_Cd\\_sorption\\_capacity](https://www.researchgate.net/publication/250894615_Effect_of_fluoride_and_carbonate_substitutions_on_apatites_Cd_sorption_capacity)

**Effect of precipitation conditions on the apatite structure**

**Tõnsuaadu, Kaia; Peld, Merike; Mikli, Valdek; Bender, Villem** Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 122

**Evolved gas analysis of apatite materials using thermochromatography**

Koel, Mihkel; **Kudrjashova, Marina; Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel** Thermochimica acta 1998 / 1, p. 25-32: ill

**A first [delta]18O record from conodont apatite across the Lower Silurian Ireviken Event in Estonia**

Lechnert, O.; **Männik, Peep**; Joachimski, Michael M.; Buggisch, W. The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 41

**Fluorhydroxyapatites of Northern Europe and their thermal transformations**

**Veiderma, Mihkel**; Knubovets, Rena; **Tõnsuaadu, Kaia** XIIIth International Conference on Phosphorus Chemistry - ICPC, Jerusalem, Israel, July 16-21, 1995 : abstracts 1995 / p. 83

**Fluorhydroxyapatites of Northern Europe and their thermal transformations**

**Veiderma, Mihkel**; Knubovets, Rena; **Tõnsuaadu, Kaia** Proceedings of the Thirteenth International Conference on Phosphorus Chemistry (XIIIth ICPC) held in Jerusalem, Israel, July 16-21, 1995. Part 1 1996 / p. 43-46

**FTIR and Raman spectroscopic studies of sulphate substituted apatites**

**Tõnsuaadu, Kaia**; Villain, F.; **Peld, Merike**; Gruselle, M. The First International Conference on Advanced Vibrational Spectroscopy : ICAVS-1 : August 19-24, 2001, Turku, Finland : book of abstracts and program 2001 / p. P8.93

**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 anionic substitutions on apatite structure and properties**

**Veiderma, Mihkel;** Tõnsuaadu, Kaia; Knubovets, Rena; **Peld, Merike** Journal of organometallic chemistry 2005 / 10, p. 2638-2643 : ill

**Impact of anionic substitutions on apatite structure and properties**

**Veiderma, Mihkel;** Tõnsuaadu, Kaia; **Peld, Merike** ICPC2004 : 16th International Conference on Phosphorus Chemistry : 4-9 July, Birmingham, UK : programme & abstracts 2004 / p. 66

**Impact of chelating ions on Cd<sup>2+</sup> sorption with apatites**

**Tõnsuaadu, Kaia;** Vatter, Karin; **Peld, Merike;** Mikli, Valdek 5th International Symposium on Inorganic Phosphate Materials '05 : 2nd IMPHOS Workshop : Kasugai, Japan, September 6-8, 2005 : book of abstracts 2005 / p. 80

**Impact of EDTA and humic substance on the removal of Cd<sup>2+</sup> and Zn<sup>2+</sup> 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 high energy milled activation on the thermal properties of Bulgarian and Estonian natural apatites**

Petkova, Vilma; Kostova, Bilyana; Serafimova, Ekaterina; **Kaljuvee, Tiit;** Tõnsuaadu, Kaia; Pelovski, Yoncho 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18–21, 2019 : book of abstracts 2019 / p. 480-481 <https://itac-itacc.akcongress.com/>

**Impact of humic acid on Cd<sup>2+</sup> 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 Cd<sup>2+</sup> sorption on apatite in aqueous solutions**

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

**Influence of gelation temperature on the properties of sol-gel-derived calcium hydroxyapatite ceramics**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia;** Kareiva, Aivaras Polish journal of chemistry 2009 / p. 47-55 : ill  
[https://www.researchgate.net/publication/287549393\\_Influence\\_of\\_Gelation\\_Temperature\\_on\\_the\\_Properties\\_of\\_Sol-Gel-Derived\\_Calcium\\_Hydroxyapatite\\_Ceramics](https://www.researchgate.net/publication/287549393_Influence_of_Gelation_Temperature_on_the_Properties_of_Sol-Gel-Derived_Calcium_Hydroxyapatite_Ceramics)

**Influence of heating conditions on the formation of sol-gel derived calcium hydroxyapatite**

Bogdanoviciene, Irma; Beganskiene, Aldona; Kareiva, Aivaras; Juškėnas, Remigijus; Selskis, Algirdas; Ramanauskas, Rimantas; **Tõnsuaadu, Kaia;** Mikli, Valdek Chemija 2010 / 2/4, p. 98-105 : ill <http://mokslozurnalai.lmaleidykla.lt/publ/0235-7216/2010/2-4/98-105.pdf>

**Influence of thermal processing on the structure of hydroxyapatite**

Pluduma, L; Gross, K.A.; Borodajenko, N.; **Tõnsuaadu, Kaia;** Berzina-Cimdina, L. Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 8  
<https://ortus.rtu.lv/science/lv/publications/8627>

**Inter-ion interactions in substituted apatites**

**Tamm, Toomas;** **Peld, Merike** XIth International Congress of Quantum Chemistry : May 21-26, 2006, Kyoto, Japan : program and abstract 2006 / p. B064

**Interpretation of FTIR spectra of synthetic carbonate apatites**

**Tõnsuaadu, Kaia;** **Peld, Merike** 18th International Conference on Phosphorus Chemistry : July 11-15th, 2010, Wroclaw, Poland : book of abstracts 2010 / p. 186 : ill

**Ion exchange and water absorption in fluoro- and hydroxyapatites**

**Tamm, Toomas** EURESCO Conferences : a program of the European Science Foundation : Sant Feliu de Guixols (Spain), September 4-9, 2004 : Inorganic Chemistry EuroConference on New Theoretical and Spectroscopical Approaches to Inorganic Chemistry problems 2004 / p. 83

**Kinetic studies of SO<sub>2</sub> interaction with apatite**

**Manuilova, Anastassia; Tõnsuaadu, Kaia; Veiderma, Mihkel** Phosphorus research bulletin 2002 / p. 93-98 : ill

#### **Kinetic studies of the SO<sub>2</sub> interaction with apatite**

**Manuilova, Anastassia; Tõnsuaadu, Kaia; Veiderma, Mihkel** Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 28

#### **Kiruna apatite**

**Veiderma, Mihkel**; Knubovets, Rena Scandinavian journal of metallurgy 1991 / p. 329-330

#### **Lantaan-tartraat kompleksi sidumine apatiidiga**

**Tõnsuaadu, Kaia**; Gruselle, Michel; Thouvenot, Rene; **Sikk, Merli**; Gredin, Patrick; Beaunier, Patricia; Aissa, Abdallah; Debabbi, Mongi XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 171-172

#### **Macroporous silicon-wollastonite scaffold with Sr/Se/Zn/Mg-substituted hydroxyapatite/chitosan hydrogel**

Ressler, Antonia; **Kamboj, Nikhil Kumar**; Ledinski, Maja; Rogina, Anamarija; Urlic, Inga; **Hussainova, Irina**; Ivankovic, Hrvoje; Ivankovic, Marica Open Ceramics 2022 / art. 100306 <https://doi.org/10.1016/j.oceram.2022.100306> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Mechanism of reactions in mixtures of calcium polyphosphate with apatite and accompanying minerals during heating**

**Veiderma, Mihkel; Põldme, Meeme; Tõnsuaadu, Kaia**; Utsal, Kalju Journal of thermal analysis : an international forum for communications on thermal investigations 1987 / p. 1093-1103 : ill [https://www.ester.ee/record=b1524801\\*est](https://www.ester.ee/record=b1524801*est)

#### **Mineralogy of phanerozoic skeletal and sedimentary apatites : an XRD study**

Nemliher, Jüri 1999 [https://www.ester.ee/record=b1258640\\*est](https://www.ester.ee/record=b1258640*est)

#### **Modified calcium apatites as new catalysts in organic synthesis**

**Tõnsuaadu, Kaia**; Gruselle, Michel; Moussa, Jamal; Villemin, Didier; **Maaten, Birgit; Kanger, Tõnis** International Symposium on Inorganic and Environmental Materials 2013 : program and abstracts, October 27-31, 2013, Rennes, France 2013 / p. 277

#### **Monitoring of the evolved gases by FTIR spectroscopy in apatite-ammonium sulfate thermal reactions**

**Tõnsuaadu, Kaia**; Pelt, Jaan; **Borissova, Maria** ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. 357

#### **Monitoring of the evolved gases in apatite-ammonium sulfate thermal reactions**

**Tõnsuaadu, Kaia**; Pelt, Jaan; **Borissova, Maria** Journal of thermal analysis and calorimetry 2005 / p. 655-658

#### **A multifunctional strontium/silver-co-substituted hydroxyapatite derived from biogenic source as antibacterial biomaterial**

Ressler, Antonia; Ivanković, Tomislav; Polak, Bruno; Ivanišević, Irena; Kovačić, Marin; Urlic, Inga; **Hussainova, Irina**; Ivanković, Hrvoje Ceramics International 2022 / p. 18361 - 18373 <https://doi.org/10.1016/j.ceramint.2022.03.095> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Muutused karbonaatapatiitide struktuuris kuumutamisel**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel**; Koel, Mihkel; **Bender, Villem** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 102

#### **Naatriumi ja magneesiumi asendustega kaltsium-fluorkarbonaatapatiitide süntees : magistritöö**

**Peld, Merike** 1995 [https://www.ester.ee/record=b2078669\\*est](https://www.ester.ee/record=b2078669*est)

#### **Natural and synthetic apatites as sorbents for Cd<sup>2+</sup> and Cr<sup>3+</sup> ions from aqueous solutions**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem** Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / 2, p. 75-90 : ill

#### **Natural and synthetic apatites as sorbents for Cd<sup>2+</sup> ions from aqueous solutions**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem** Phosphorus, sulfur, and silicon and the related elements 2002 / 8/9, August-September, XVth International Conference on Phosphorus Chemistry (ICPC 15). Part II, p. 2239

#### **Natural and synthetic apatites as sorbents for Cd<sup>2+</sup> ions from aqueous solutions**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem** XVth International Conference on Phosphorus Chemistry (ICPC 15) : Sendai, Japan, July 29 - August 3, 2001 : program and abstracts 2001 / p. PB109

#### **Nature of materials obtained by sorption of M<sup>2+</sup> and M<sup>3+</sup> 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

#### **New aspects in Ru3+ sorption mechanism on apatites**

**Tõnsuaadu, Kaia**; Gruselle, Michel; Villain, Françoise; **Peld, Merike**; **Mikli, Valdek**; **Traksmaa, Rainer** Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 121

#### **A new glance at ruthenium sorption mechanism on hydroxy-, carbonate-, and fluor-apatites : analytical and structural studies**

**Tõnsuaadu, Kaia**; Gruselle, M.; Villain, F.; Thouvenot, Rene; **Peld, Merike**; **Mikli, Valdek**; **Traksmaa, Rainer**; Grendin, P.; Carrier, X.; Shalles, L. Journal of colloid and interface science 2006 / 2, p. 283-291

#### **A new perspective on fluorapatite dissolution in hydrochloric acid : thermodynamic calculations and experimental study**

**Tõnsuaadu, Kaia**; **Kallas, Juha**; **Kuusik, Rein**, keemik; **Hacioglu-Erlenheim, Gizem**; **Trikkell, Andres** Inorganics 2021 / art. 65, 11 p. : ill <https://doi.org/10.3390/inorganics9080065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **On the sol-gel preparation of calcium hydroxyapatite (Ca10(PO4)6(OH)2,HA)**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; **Mikli, Valdek**; Grigoraviciute, I.; Beganskiene, Aldona; Kareiva, Aivaras 9th National Lithuanian Conference "Chemija 2009" : Vilnius, October 16, 2009 : abstracts 2009 / [1] p. : ill

#### **Oxygen isotope compositions of conodonts – analytical challenges of in situ SIMS studies**

Wudarska, Alicja; Wiedenbeck, Michael; **Hints, Olle**; **Männik, Peep**; **Lepland, Aivo**; Joachimski, Michael M.; Couffignal, Frederic; Scicchitano, Maria Rosa; Wilke, Franziska D. H. Estonian journal of earth sciences 2023 / p. 166 <https://doi.org/10.3176/earth.2023.39>

#### **Phase transformations in hydrothermal sintering processing of phosphate rock**

**Pöldme, Meeme** 1994 [http://www.ester.ee/record=b2089994\\*est](http://www.ester.ee/record=b2089994*est)

#### **Phase transformations in hydrothermal sintering processing of phosphate rock**

**Pöldme, Meeme** 1995 [http://www.ester.ee/record=b1067223\\*est](http://www.ester.ee/record=b1067223*est)

#### **Possible drill holes and pseudoborings in oboloid shells from the Cambrian/Ordovician boundary beds of Estonia and the uppermost Cambrian of NW Russia**

Vinn, Olev; Holmer, Lars E.; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** Historical Biology : An International Journal of Paleobiology 2021 / p. 3579-3584 <https://doi.org/10.1080/08912963.2021.1878355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Powder XRD microstructural analysis of thermally treated synthetic fluor-hydroxylapatite**

Kostov-Kytin, V.V.; Petkova, Vilma; **Kaljuvee, Tiit** Bulgarian chemical communications 2017 / p. 59–70 : ill <http://www.bcc.bas.bg/>

#### **Precipitation of sodium and magnesium containing calcium-carbonate-fluorapatites**

**Peld, Merike**; **Tõnsuaadu, Kaia**; **Veiderma, Mihkel**; **Rimm, Karel** Tallinna Tehnikaülikooli Toimetised 1994 / lk. 4-16: ill

#### **Precursor for calcium hydroxyapatite : thermal analysis of xerogel prepared with DCTA as complexing agent**

Stankeviciute, Z.; **Tõnsuaadu, Kaia**; **Bogdanoviciene, Irma**; Kareiva, Aivaras European Symposium on Biomaterials and related Areas : 23.-24. April 2013, Weimar, Germany : [conference abstracts] 2013 / [1] p

#### **Purity test of precipitated apatites by TG/DTA/EGA-MS**

**Tõnsuaadu, Kaia**; **Bogdanoviciene, Irma**; **Traksmaa, Rainer** Journal of thermal analysis and calorimetry 2016 / p. 919-925 : ill <https://doi.org/10.1007/s10973-016-5447-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Purity test of precipitated apatites by TG/DTA/EGA-MS**

**Tõnsuaadu, Kaia**; **Bogdanoviciene, Irma**; **Traksmaa, Rainer** Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 232

#### **Põhja-Euroopa fluorhüdrosüapatiidid = Fluorhydroxyapatites of Northern Europe**

**Veiderma, Mihkel**; Knubovets, Rena; **Tõnsuaadu, Kaia** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete refereaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 223-224 [https://www.ester.ee/record=b1070511\\*est](https://www.ester.ee/record=b1070511*est)

#### **Reaction mechanism in mixtures of apatite and additional minerals with phosphoric acid at heating**

**Veiderma, Mihkel**; **Pöldme, Meeme**; **Pöldme, Juta**; **Tõnsuaadu, Kaia** International Conference on Phosphorus Chemistry at Duke University, Durham, North Carolina, June 1-5, 1981 : abstracts 1981 / p. [?]

#### **Reaction mechanism in the mixtures of calcium polyphosphate with apatite and accompanying minerals on heating**

**Veiderma, Mihkel**; **Pöldme, Meeme**; **Tõnsuaadu, Kaia** Proceedings of the International Conference on Phosphorus Chemistry held in Bonn, FRG, 31. August - 06. September 1986. Part 2 1986 / p. 740 [https://www.ester.ee/record=b4309301\\*est](https://www.ester.ee/record=b4309301*est)

#### **Reaction mechanism in the mixtures of calcium polyphosphate with apatite and accompanying minerals on heating**

**Veiderma, Mihkel; Põldme, Meeme; Tõnsuaadu, Kaia** Proceedings of the International Conference on Phosphorus Chemistry held in Bonn, FRG, 31. August - 06. September 1986. Abstracts on posters 1986 / p. A-94

#### **Reactions in a system apatite - SO<sub>2</sub>**

**Manuilova, Anastassia; Tõnsuaadu, Kaia** Chemistry 2001 : 5th National Lithuanian Conference : Vilnius, September 27, 2001 : abstracts 2001 / p. 93

#### **Redox fluctuations, trace metal enrichment and phosphogenesis in the ~2.0 Ga Zaonega Formation**

Kipp, Michael A.; **Lepland, Aivo**; Buick, Roger Precambrian Research 2020 / Art. 105716

<https://doi.org/10.1016/j.precamres.2020.105716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The REE-composition and petrography of apatite in 2Ga Zaonega Formation, Russia: The environmental setting for phosphogenesis**

Joosu, Lauri; **Lepland, Aivo**; Kirsimäe, Kalle; Romashkin, Alexander E.; Roberts, Nick M.W.; Martin, Adam P.; Črne, Alenka E.

Chemical Geology 2015 / p. 88-107 <https://doi.org/10.1016/j.chemgeo.2014.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Removal of cadmium from aqueous solutions by sorption on natural apatites**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem; Veiderma, Mihkel** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 56

#### **Simultaneous sorption of Cd and Zn ions on synthetic apatites from aqueous solutions**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel** Phosphorus research bulletin 1999 / Special issue: Proceedings of the Third International Symposium on Inorganic Phosphate Materials '99 : Villeneuve d'Ascq, France, September 14-16, 1999, p. 347-352: ill

#### **Simultaneous sorption of Cd and Zn ions on synthetic apatites from aqueous solutions**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel** Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Ascq, France, September 14-16, 1999 : book of abstracts 1999 / p. P.2.19

[https://www.researchgate.net/publication/286300497\\_SIMULTANEOUS\\_SORPTION\\_OF\\_Cd\\_AND\\_Zn\\_IONS\\_ON\\_SYNTHETIC\\_APATITES\\_FROM\\_AQUEOUS\\_SOLUTIONS](https://www.researchgate.net/publication/286300497_SIMULTANEOUS_SORPTION_OF_Cd_AND_Zn_IONS_ON_SYNTHETIC_APATITES_FROM_AQUEOUS_SOLUTIONS)

#### **Sol-gel preparation of single-phase calcium hydroxyapatite**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; Beganskiene, Aldona; Kareiva, Aivaras Konferencijos Chemija ir chemine technologija. Sekcijos Neorganiniu junginiu chemija ir technologija : pranešimu medžiaga 2006 / p. 18-19 : ill

#### **Sol-Gel synthesis and characterization of Mg and Na substituted calcium hydroxyapatite based bioceramic materials**

**Bogdanoviciene, Irma**; Cepenko, Marina; **Traksmas, Rainer**; Kareiva, Aivaras; **Tõnsuaadu, Kaia** 26th Symposium and Annual Meeting of the International Society for Ceramics in Medicine (BIOCERAMICS 26) : final programme and abstracts book : Barcelona, 6/8 November 2014 2014 / p. 176

#### **Sol-gel synthesis and characterization of Sr, Zn and Na substituted CaHA based bioceramic materials**

**Bogdanoviciene, Irma; Traksmas, Rainer**; Kareiva, Aivaras; **Tõnsuaadu, Kaia** 16th International Conference-School Advanced Materials and Technologies 2014 : August 27-31, Palanga, Lithuania 2014 / p. 102

#### **Sorption and desorption of Cd<sup>2+</sup> and Zn<sup>2+</sup> ions in apatite-aqueous systems**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem** Environmental science and technology 2004 / 21, p. 5626-5631 : ill

#### **Sorption and desorption of Cd<sup>2+</sup> ions by synthetic apatites**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem** Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 57

#### **Sorption of Cd(II), Cr(III) and Al(III) ions on apatite from aqueous solutions**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem** First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 137

#### **Sorption of tartrate ions to lanthanum (III)-modified calcium fluor- and hydroxyapatite**

Aissa, Abdallah; Debbabi, Mongi; **Tõnsuaadu, Kaia** Journal of colloid and interface science 2009 / p. 20-28 : ill

<https://www.sciencedirect.com/science/article/pii/S0021979708013088>

#### **Structural analysis of apatite precipitated in the presence of proline**

**Tõnsuaadu, Kaia; Kallaste, Toivo; Mikli, Valdek; Mere, Arvo; Nemliher, Jüri** 18th International Conference on Phosphorus Chemistry : July 11-15th, 2010, Wrocław, Poland : book of abstracts 2010 / p. 185

#### **Structural properties of apatites from Finland studied by FTIR spectroscopy**

**Veiderma, Mihkel**; Knubovets, Rena; **Tõnsuaadu, Kaia** Bulletin of the Geological Society of Finland 1998 / Parts 1-2, p. 69-75: ill

### **Structural studies of apatite**

**Tõnsuaadu, Kaia; Peld, Merike; Mikli, Valdek; Bender, Villem; Traksmaa, Rainer;** Villani, F.; Gruselle, M. Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 19-21

### **Structure and properties of apatites**

**Veiderma, Mihkel;** Knubovets, Rena Sino-Soviet Bilateral Symposium on Organophosphorus Chemistry : proceedings, Oct. 29-31, 1990, Shangai, China 1990 / p. 184-188

### **Studies on SO<sub>4</sub><sup>2-</sup> ion incorporation into apatite structure**

**Tõnsuaadu, Kaia; Peld, Merike;** Quarton, Michel; **Bender, Villem; Veiderma, Mihkel** Phosphorus, sulfur, and silicon and the related elements 2002 / 6/7, June-July, XVth International Conference on Phosphorus Chemistry (ICPC 15). Part I, p. 1873-1876

### **Studies on SO<sub>4</sub><sup>2-</sup> ion incorporation into apatite structure**

**Tõnsuaadu, Kaia; Peld, Merike;** Quarton, Michel; **Bender, Villem; Veiderma, Mihkel** XVth International Conference on Phosphorus Chemistry (ICPC 15) : Sendai, Japan, July 29 - August 3, 2001 : program and abstracts 2001 / p. A43

### **Studies on thermochemistry and thermal processing of apatite**

**Veiderma, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 2000 / 1, p. 5-18

[https://artiklid.elnet.ee/record=b1003213\\*est](https://artiklid.elnet.ee/record=b1003213*est)

### **Substituent effects on structural stability of apatites at calcination**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem;** Puz, Marina Phosphorus research bulletin 2002 / p. 89-92 : ill

### **Substituent effects on structural stability of apatites at calcination**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem** Fourth International Symposium on Inorganic Phosphate Materials, July 10-13, 2002, Jena - Germany : book of abstracts 2002 / p. 58

### **Substituted apatites as sorbents for heavy metals**

**Peld, Merike** 5th International Symposium on Inorganic Phosphate Materials '05 : 2nd IMPHOS Workshop : Kasugai, Japan, September 6-8, 2005 : book of abstracts 2005 / p. 68

### **Substituted apatites as sorbents for heavy metals**

**Peld, Merike** 2005 [https://www.ester.ee/record=b1994280\\*est](https://www.ester.ee/record=b1994280*est)

### **Sulfaatapatiitide koostis ja omadused**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Mikli, Valdek** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 182-183

### **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>

### **Synergistic effects of fluorine and carbonate on Cd<sup>2+</sup> binding properties of apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel** Phosphorus, sulphur, and silicon and the related elements 1999 / p. 417

### **Synergistic effects of fluorine and carbonate on Cd<sup>2+</sup> binding properties of apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel** XIVth International Conference on Phosphorus Chemistry : XIVth-ICPC : Cincinnati, Ohio USA, July 12-17, 1998 : meeting program and abstracts 1998 / p. P279

<https://www.tandfonline.com/doi/abs/10.1080/10426509908053688>

### **Synthesis and characterization of Na and Mg containing carbonatefluorapatites**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel** XIIIth International Conference on Phosphorus Chemistry - ICPC, Jerusalem, Israel, July 16-21, 1995 : abstracts 1995 / p. 96

### **Synthesis and characterization of Na and Mg containing carbonatefluorapatites**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel** Proceedings of the Thirteenth International Conference on Phosphorus Chemistry (XIIIth ICPC) held in Jerusalem, Israel, July 16-21, 1995. Part 2 1996 / p. 5

### **Synthesis and thermal transformations of Ca, Mg - carbonateapatite**

**Vilbok, Heinrich;** Knubovets, Rena; **Veiderma, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 1992 / 2, p.

**Synthesis and thermal transformations of Ca, Mg - carbonateapatite**

**Veiderma, Mihkel; Vilbok, Heinrich;** Knubovets, Rena XIIIth International Conference on Phosphorus Chemistry : abstracts of posters, Toulouse, France, 1992 1992 / p. 11-95

**Synthesis and thermal transformations of Ca-, Mg-carbonateapatite**

**Veiderma, Mihkel; Vilbok, Heinrich;** Knubovets, Rena Phosphorus, sulfur and silicon and the related elements 1993 / p. 291

**Synthesis and thermal transformations of Ca, Mg-carbonateapatite**

**Vilbok, Heinrich;** Knubovets, Rena; **Veiderma, Mihkel** Eesti Teaduste Akadeemia Toimetised. Keemia 1992 / 2, lk. 45-51: ill

**Synthesis of anion and cation substituted apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Traksmäa, Rainer; Mikli, Valdek** Book of abstracts of the 8-th International Summer School-Conference : Advanced Materials and Technologies : Palanga, Lithuania, 27-31 August 2006 2006 / p. 86

**Synthesis of bio-cation-substituted Ca-apatites by precipitation**

**Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Traksmäa, Rainer;** Kareiva, Aivaras Inorganic and environmental materials 2014 / p. 229-232 : ill <https://doi.org/10.4028/www.scientific.net/KEM.617.229> Conference proceedings at Scopus Article at Scopus

**Synthesis of cationic substituted biomimic apatites by precipitation**

**Tõnsuaadu, Kaia; Bogdanoviciene, Irma; Traksmäa, Rainer;** Kareiva, Aivaras International Symposium on Inorganic and Environmental Materials 2013 : program and abstracts, October 27-31, 2013, Rennes, France 2013 / p. 206

**Synthesis of Mg and Na containing carbonate fluorapatites and their use for removal of Cd<sup>2+</sup> and Mn<sup>2+</sup> ions from solution**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel** 2nd International Symposium on Inorganic Phosphate Materials '96 Nagoya, September 4-6, 1996 : book of abstracts 1996 / p. 38  
[https://www.researchgate.net/publication/286300579\\_SYNTHESIS\\_OF\\_Mg\\_AND\\_Na\\_CONTAINING\\_CARBO-NATE-FLUORAPATITES\\_AND\\_THEIR\\_USE\\_FOR\\_THE\\_REMOVAL\\_OF\\_Cd2\\_AND\\_Mn2\\_IONS\\_FROM\\_SOLUTIONS](https://www.researchgate.net/publication/286300579_SYNTHESIS_OF_Mg_AND_Na_CONTAINING_CARBO-NATE-FLUORAPATITES_AND_THEIR_USE_FOR_THE_REMOVAL_OF_Cd2_AND_Mn2_IONS_FROM_SOLUTIONS)

**Synthesis of Mg and Na containing carbonate-fluorapatites and their use for the removal of Cd<sup>2+</sup> and Mn<sup>2+</sup> ions from solutions**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel** Phosphorus research bulletin 1996 / p. 147-150: ill

**Synthetic cation and anion substituted apatites as sorbents for Cd<sup>2+</sup> in Solutions**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem** First International Conference on Inorganic Materials : Synthesis, Characterisation, Properties and Applications of Inorganic Materials, 16-19 September 1998, Versailles, France : programme and abstracts 1998 / p. P45

**Temperatuuri mõju tasakaalule süsteemis apatiit - SO<sub>2</sub> (termodünaamilised arvutused)**

**Manuilova, Anastassia; Tõnsuaadu, Kaia** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 83-84

**Termilised muutused katioonasendustega karbonaatapatiitides : 1994. a. : TTÜ-sisese uurimistoetuse aruanne, töö nr. KKA-G415**

**Peld, Merike** 1994

**Termilised reaktsioonid apatiidi ja SO<sub>2</sub> vahel**

**Veiderma, Mihkel; Tõnsuaadu, Kaia; Bender, Villem** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 191-192

**The effect of substitutions in the structure of apatite on the sulphur oxide binding at calcination**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Veiderma, Mihkel** ESTAC-7 : 7th European Symposium on Thermal Analysis and Calorimetry, Aug. 30 - Sept. 4, 1998, Balatonfüred, Hungary : book of abstracts 1998 / p. 151

**The effect of substitutions on Cd<sup>2+</sup> sorption capacity of apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Veiderma, Mihkel** First International Conference on Hydroxyapatite & Related Products : it's use in purification of biomolecules : Lyon - France, 23rd - 25th March 1999 : final programme 1999 / [1] p

**Thermal analysis in studies of apatite structure**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem** ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 28

**Thermal analysis in studies of apatite structure**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem** Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of

the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 1. ISBN 963-05-8043-8. p. 363-371 : ill

#### **Thermal analysis of synthetic biomimic apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Mikli, Valdek; Traksmäa, Rainer** 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 260

#### **Thermal analysis of xerogel for calcium hydroxyapatite thin films preparation**

Stankeviciute, Z.; **Tõnsuaadu, Kaia; Bogdanoviciene, Irma**; Kareiva, Aivaras Book of abstracts of the 15th International Conference-School Advanced materials and technologies : 27-31 August 2013, Palanga, Lithuania 2013 / p. 128

#### **Thermal behaviour of bone apatite of Recent pike (*Esox lucius* L.)**

**Nemliher, Jüri; Kallaste, Toivo** Proceedings of the Estonian Academy of Sciences. Geology 2005 / 2, p. 112-118 : ill

#### **Thermal interactions between apatites and SO<sub>2</sub>**

**Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem** Phosphorus research bulletin 1999 / Special issue: Proceedings of the Third International Symposium on Inorganic Phosphate Materials '99 : Villeneuve d'Ascq, France, September 14-16, 1999, p. 256-261 : ill

#### **Thermal interactions between apatites and SO<sub>2</sub>**

**Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem** Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Ascq, France, Sept. 14-16, 1999 : book of abstracts 1999 / p. No. 0.2.10

[https://www.researchgate.net/publication/286300928\\_THERMAL\\_INTERACTIONS\\_BETWEEN\\_APATITES\\_AND\\_SO2SUB](https://www.researchgate.net/publication/286300928_THERMAL_INTERACTIONS_BETWEEN_APATITES_AND_SO2SUB)

#### **Thermal reactions in synthetic apatite-ammonium sulfate mixture**

**Tõnsuaadu, Kaia; Borissova, Maria; Bender, Villem**; Pelt, Jaan Phosphorus, sulfur and silicon and the related elements 2004 / 11, p. 2395-2407

#### **Thermal stability of synthesized carbonate apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel**; Koel, Mihkel; **Bender, Villem** The French-Israeli Workshop on Apatites and Lasers : November 25-26, 1996, Jerusalem, Israel : scientific program and workshop abstracts 1996 / [1] p

#### **Thermal transformations in systems based on natural apatites**

**Veiderma, Mihkel; Kaljuvee, Tiit**; Knubovets, Rena; **Põldme, Meeme; Tõnsuaadu, Kaia** Phosphorus, sulfur and silicon and the related elements 1990 / p. 125-128

#### **Thermal transformations in systems based on natural apatites**

**Veiderma, Mihkel; Kaljuvee, Tiit**; Knubovets, Rena; **Põldme, Meeme; Tõnsuaadu, Kaia** XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7 1989 : abstracts of lectures. I 1989 / [p. 137] [https://www.ester.ee/record=b1209888\\*est](https://www.ester.ee/record=b1209888*est)

#### **Thermische Entfluorierung von Apatit**

**Veiderma, Mihkel; Põldme, Meeme; Tõnsuaadu, Kaia** Chemische Technik : wissenschaftliche Zeitschrift für Technik und Ökonomie der Chemieindustrie 1988 / S. 169-172 : ill [https://www.ester.ee/record=b1475735\\*est](https://www.ester.ee/record=b1475735*est)

#### **Thermochemical reactions in the systems hydroxyapatite-aluminosilicate or shungite**

**Tõnsuaadu, Kaia; Rimm, Karel** Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / 4, lk. 137-145: ill

#### **Thermochromatography for evolved gas analysis of apatite materials**

Koel, Mihkel; **Kudrjašova, Marina; Tõnsuaadu, Kaia; Veiderma, Mihkel** Journal of chromatography A 1998 / 1/2, p. 75-83

#### **Thermochromatography for evolved gas analysis of apatite materials**

**Kudrjašova, Marina; Tõnsuaadu, Kaia**; Koel, Mihkel; **Veiderma, Mihkel** HTC5 : Fifth International Symposium on Hyphenated Techniques in Chromatography and Hyphenated Chromatographic Analyzers, February 11-13, 1998, Brugge, Belgium : book of abstracts 1998 / p. F07 <https://www.sciencedirect.com/science/article/abs/pii/S0021967398004488>

#### **Thermophosphate fertilizers from Siilinjärvi apatite**

**Veiderma, Mihkel; Tõnsuaadu, Kaia** 1996 [https://www.ester.ee/record=b1046944\\*est](https://www.ester.ee/record=b1046944*est)

#### **Thermophosphates from Kovdor and Siilinjärvi apatites**

**Tõnsuaadu, Kaia** 1995 [http://www.ester.ee/record=b1067577\\*est](http://www.ester.ee/record=b1067577*est)

#### **Thermophosphates on the basis of apatite and aluminosilicates**

**Veiderma, Mihkel; Tõnsuaadu, Kaia**; Knubovets, Rena; **Einard, Marve; Peld, Merike** XIIth International Conference on Phosphorus Chemistry : abstracts of lectures, Toulouse, France, 1992 1992 / p. 20

### **Thermophosphates on the basis of apatite and aluminosilicates**

**Veiderma, Mihkel; Tõnsuaadu, Kaia;** Knubovets, Rena; **Einard, Marve; Peld, Merike** Phosphorus, sulfur and silicon and the related elements 1993 / p. 187-190, 447-450

### **Transformation of calcium dihydrogenphosphate in mixtures with apatite concentrate upon heating**

**Põldme, Meeme; Põldme, Juta;** Utsal, K. Phosphorus, sulfur and silicon and the related elements 1990 / p. 442

### **Transformation of calcium dihydrogenphosphate in mixtures with apatite concentrate upon heating**

**Põldme, Meeme; Põldme, Juta** XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7, 1989 : abstracts of posters. II 1989 / [p. 87] [https://www.ester.ee/record=b1209881\\*est](https://www.ester.ee/record=b1209881*est)

### **Transformation of phases in hydrothermal sintering processing of phosphate rock**

**Põldme, Meeme** Phosphorus research bulletin 1991 / p. 451-454

### **Tunable calcium-apatites as solid catalysts for classical organic reactions**

Gruselle, Michel; **Tõnsuaadu, Kaia** Current organic chemistry 2017 / p. 688-697 : ill

<https://doi.org/10.2174/1385272821666161219155302> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Unconventional resources of REE : challenges for exploration and processing, with the example of Estonian phosphorite**

**Graul, Sophie;** Monchal, Vincent; Joosu, Lauri; **Hints, Rutt** Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 12-14 : ill.

[https://www.ester.ee/record=b5673955\\*est](https://www.ester.ee/record=b5673955*est) <https://kirjandus.geoloogia.info/reference/49111>

### **Uued mineraal/orgaanilised ühendid: ruteeniumi kiraalsed kompleksid apatiitsel alusel : PARROT programmi projekt 2005-2006**

**Tõnsuaadu, Kaia** Eesti Teadusfondi aastaraamat 2006 2007 / lk. 39 : fot

### **Анализ ковдорского апатитового концентрата рентгенодифракционным методом**

**Utsal, K.; Põldme, Meeme** Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / с. 19-23

### **Влияние водяного пара на обесфторивание ковдорского апатита при фосфорнокислотно-термической переработке**

**Põldme, Meeme; Põldme, Juta; Raude, Urmas; Otstavel, M.** Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / с. 12-18

### **Влияние примесных минералов на превращение ковдорского апатита при термическом воздействии**

**Veiderma, Mihkel;** Knubovets, Rena; Terentjev, E.; Gnedenkova, V.; **Tõnsuaadu, Kaia** Технологическая минералогия фосфатных руд : Тезисы докладов всесоюзного совещания, 17-18 нояб. 1987 г., Люберцы 1987 / с. 79-80

### **Влияние соединений кремния на плавкость шихт из ковдорского апатита**

**Raude, Urmas; Põldme, Meeme** Проблемы рационального использования фосфатного сырья и интенсификация технологических процессов : Тезисы докладов совещаний, 14-16 нояб. 1989 г., Черкассы 1989 / с. 53

### **Изотермы-изохроны разложения апатита с применением избытка серной кислоты**

**Rebane, Anne; Veiderma, Mihkel; Aasamäe, Ernst** Всесоюзное совещание по фосфатам : тезисы 1-3 1971 / с. 400

### **Изотермы-изохроны разложения апатита серной кислотой**

**Veiderma, Mihkel; Rebane, Anne;** Ravasoo, R.; Uusma, H. Процессы и аппараты химической технологии и технология неорганических веществ. 3 1972 / с. 87-96 : илл [https://www.ester.ee/record=b1531312\\*est](https://www.ester.ee/record=b1531312*est) <https://digikogu.taltech.ee/et/Item/e448e56a-a020-4c7c-8723-e0214721d71b/>

### **Изучение процесса фосфорнокислотно-термической переработки ковдорского апатита в промышленности**

**Põldme, Meeme; Raude, Urmas** X Всесоюзное совещание по термическому анализу : (Ужгород, сентябрь 1985 г.) : тезисы докладов 1985 / с. 289-290 [https://www.ester.ee/record=b3798849\\*est](https://www.ester.ee/record=b3798849*est)

### **Исследование процесса фосфорнокислотно-термической переработки ковдорского апатита**

**Raude, Urmas** II конференция молодых ученых химических факультетов РПИ и ЛГУ : тезисы докладов 1987 / с. 78 [https://www.ester.ee/record=b2142137\\*est](https://www.ester.ee/record=b2142137*est)

### **Исследование процесса фосфорнокислотно-термической переработки ковдорского апатита по количественному минералогическому составу сырья и продуктов нагрева**

**Põldme, Meeme;** Utsal, Kalju; Raude, Urmas Технологическая минералогия фосфатных руд : тезисы докладов всесоюзного совещания, 17-18 ноября 1987 г., Люберцы 1987 / с. 77-79

### **К вопросу о структурных превращениях апатитов при кислотно-термической обработке**

**Veiderma, Mihkel**; Knubovets, Rena; Tšerenkova, G.; Pöldme, Meeme Тезисы докладов 6. Всесоюзной конференции по фосфатам "Фосфаты-84". Ч. 2 1984 / с. 373

#### **Количественное определение апатита в рудах и в продуктах их термической переработки**

**Pöldme, Meeme**; Utsal, Kalju; **Pöldme, Juta** Технологическая минералогия фосфатных руд : тезисы докладов всесоюзного совещания, 17-18 ноября 1987 г., Люберцы 1987 / с. 103-104

#### **Кристаллохимия и некоторые свойства апатитов**

Knubovets, Rena; **Veiderma, Mihkel** Физико-химические исследования мономерных и полимерных фосфатов 1987 / с. 36-52  
[https://www.ester.ee/record=b2072798\\*est](https://www.ester.ee/record=b2072798*est)

#### **Математическая модель процесса обесфторивания фторапатита в псевдооживленном слое**

**Rebane, Jüri** Процессы и аппараты химической технологии и технология неорганических веществ. 5 1974 / с. 97-103 : илл  
[https://www.ester.ee/record=b1531723\\*est](https://www.ester.ee/record=b1531723*est) <https://digikogu.taltech.ee/et/Item/438b60cb-3265-444e-adba-b3c2c222f12a>

#### **Механизм реакций в смесях апатита и примесных минералов с фосфорной кислотой при нагревании**

**Veiderma, Mihkel**; **Pöldme, Meeme**; **Pöldme, Juta**; **Tõnsuaadu, Kaia** XII Менделеевский съезд по общей и прикладной химии. №. 1. Неорганическая химия и технология неорганических веществ : рефераты докладов и сообщений 1981 / с. 19-20

#### **О влиянии водяного пара на обесфторивание ковдорского апатита при термической переработке**

**Pöldme, Meeme**; Ostavel, M. XIV Всесоюзная научно-техническая конференция по технологии неорганических веществ и минеральных удобрений (Львов, 25-27 мая 1988 г.). Ч. 2, Химия, технология соединений азота, фосфора и их применение : тезисы докладов 1988 / с. 122 [https://www.ester.ee/record=b4437558\\*est](https://www.ester.ee/record=b4437558*est)

#### **О взаимодействии конденсированных фосфатов с ковдорским апатитом при нагревании**

**Tõnsuaadu, Kaia**; **Pöldme, Meeme**; **Veiderma, Mihkel** Тезисы докладов V всесоюзной конференции "Физико-химические исследования фосфатов" ("Фосфаты-81") : [В 2 ч.]. Ч. 2. 1981 / с. 394

#### **О превращениях структуры гидроксидфторапатита при нагревании**

**Pöldme, Meeme**; Aruväli, Jaan; Utsal, Kalju Тезисы докладов Всесоюзной конференции "Фосфаты-87" 1987 / с. 595  
[https://www.ester.ee/record=b4415763\\*est](https://www.ester.ee/record=b4415763*est)

#### **О применении рентгенофазового анализа для исследования превращений апатита при нагревании**

Aruväli, Jaan; **Pöldme, Meeme**; Utsal, Kalju Технологическая минералогия фосфатных руд : тезисы докладов всесоюзного совещания, 17-18 ноября 1987 г., Люберцы 1987 / с. 101-102

#### **О термических превращениях в смесях фторкарбонат-apatита с фосфорной кислотой и пиритом**

**Pöldme, Meeme**; **Pöldme, Juta**; **Veiderma, Mihkel**; Utsal, Kalju Всесоюзное совещание "Неорганические жаростойкие материалы, их применение и внедрение в народное хозяйство", 8-10 сент. 1982 г. : тезисы докладов. Ч. 2 1982 / с. 398-399

#### **Об обесфторивании ковдорского апатита с двойным суперфосфатом при нагревании**

**Pöldme, Juta**; Saarik, M. XIV Всесоюзная научно-техническая конференция по технологии неорганических веществ и минеральных удобрений (Львов, 25-27 мая 1988 г.). Ч. 2, Химия, технология соединений азота, фосфора и их применение : тезисы докладов 1988 / с. 124 [https://www.ester.ee/record=b4437558\\*est](https://www.ester.ee/record=b4437558*est)

#### **Об усвояемости продуктов термической переработки Ковдорского апатита**

**Raude, Urmas**; **Pöldme, Meeme**; **Pöldme, Juta** Тезисы докладов Всесоюзного семинара Фосфатные материалы. Ч. 2 1990 / с. 162

#### **Обесфторивание ковдорского апатита с добавкой дигидрофосфата кальция при нагревании**

**Pöldme, Juta**; Saarik, M. Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / с. 3-11

#### **Обесфторивание фторапатита в псевдооживленном слое**

**Aarna, Olav**; **Kallas, Juha**; **Kracht, Wilhelm**; Sidoruk, A. Процессы и аппараты химической технологии и технология неорганических веществ. 4 1973 / с. 51-58 [https://www.ester.ee/record=b1386707\\*est](https://www.ester.ee/record=b1386707*est) <https://digikogu.taltech.ee/et/Item/72e7c5b1-8453-41a6-9821-41853b98368d>

#### **Образование трикальцийфосфата при фосфорнокислотно-термической переработке ковдорского апатитового концентрата**

**Pöldme, Meeme**; **Pöldme, Juta**; **Raude, Urmas**; Utsal, Kalju; Aruväli, Jaan Тезисы докладов Всесоюзной конференции "Фосфаты-87" 1987 / с. 594 [https://www.ester.ee/record=b4415763\\*est](https://www.ester.ee/record=b4415763*est)

#### **Опыт применения методов растровой и просвечивающей электронной микроскопии в исследованиях природного апатита**

**Pöldme, Meeme**; **Kallavus, Urve**; **Meiler, Boriss** Технологическая минералогия фосфатных руд : тезисы докладов

#### **Особенности апатитового концентрата**

**Tõnsuaadu, Kaia; Põldme, Meeme; Veiderma, Mihkel** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1982 / с. 175-180  
[https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

#### **Особенности миграции фтора при фосфорнокислотно-термической переработки ковдорского апатита**

**Põldme, Meeme; Raude, Urmas;** Utsal, K. XIV Всесоюзная научно-техническая конференция по технологии неорганических веществ и минеральных удобрений (Львов, 25-27 мая 1988 г.). Ч. 2, Химия, технология соединений азота, фосфора и их применение : тезисы докладов 1988 / с. 123 [https://www.ester.ee/record=b4437558\\*est](https://www.ester.ee/record=b4437558*est)

#### **Особенности фосфорнокислотно-термической переработки ковдорского апатита**

**Tõnsuaadu, Kaia; Veiderma, Mihkel; Põldme, Meeme** XIII Всесоюзная научная межвузовская конференция по технологии неорганических веществ и минеральных удобрений : тезисы докладов. Ч. 2 1985 / с. 99-100

#### **Особенности химизма фосфорнокислотно-термической переработки ковдорского апатитового концентрата**

**Tõnsuaadu, Kaia; Põldme, Meeme; Veiderma, Mihkel** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1982 / с. 175-180  
[https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

#### **Плавокость и фазовый состав продуктов фосфорнокислотно-термической переработки ковдорского апатитового концентрата**

**Tõnsuaadu, Kaia; Veiderma, Mihkel; Põldme, Meeme** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1983 / с. 237-241 : илл  
[https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est)

#### **Структурные превращения апатита при кислотнo-термической обработке**

**Veiderma, Mihkel;** Knubovets, Rena; Tšerenkova, G.; **Põldme, Meeme;** Terentjev, E. Неорганические материалы 1987 / с. 123-126 : илл [https://www.ester.ee/record=b1611497\\*est](https://www.ester.ee/record=b1611497*est)

#### **Суперфосфат из смеси апатита и эстонского фосфорита**

**Veiderma, Mihkel;** Boldina, V. Промышленность минеральных удобрений и серной кислоты 1971 / с. 3-7

#### **Термический анализ фосфорнокислотно-термической переработки ковдорского апатитового концентрата**

**Põldme, Meeme; Tõnsuaadu, Kaia; Trikkel, Andres** Термический анализ : тезисы докладов VIII Всесоюзной конференции 1982 / с. 210-211 [https://www.ester.ee/record=b1652706\\*est](https://www.ester.ee/record=b1652706*est)

#### **Термохимические превращения в смесях ковдорского апатита с фосфорной кислотой**

**Tõnsuaadu, Kaia; Põldme, Meeme; Veiderma, Mihkel** Неорганические материалы 1983 / с. 978-981 : илл  
[https://www.ester.ee/record=b1611497\\*est](https://www.ester.ee/record=b1611497*est)

#### **Фазовые превращения $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$ и $\text{Mg}(\text{H}_2\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$ при нагревании их в смеси с апатитовым концентратом**

**Põldme, Meeme; Põldme, Juta;** Utsal, Kalju VII Всесоюзное совещание по физико-химическому анализу, Фрунзе, 4—6 октября 1988 г. : тезисы докладов 1988 / с. 607

#### **Фазовые превращения в процессе фосфорнокислотно-термической переработки ковдорского апатита**

**Põldme, Meeme; Põldme, Juta;** Utsal, Kalju; **Raude, Urmas** Исследования в области производства удобрений : межвузовский сборник научных трудов 1989 / с. 60-66 : ил [https://www.ester.ee/record=b1980428\\*est](https://www.ester.ee/record=b1980428*est)

#### **Физико-химический анализ процесса кислотнoтермической переработки ковдорского апатита**

**Tõnsuaadu, Kaia; Põldme, Meeme; Veiderma, Mihkel** VII Всесоюзное совещание по физико-химическому анализу, Фрунзе, 4—6 октября 1988 г. : тезисы докладов 1988 / с. [608]

#### **Фосфорнокислотно-термическая переработка ковдорского апатита : автореферат ... кандидата химических наук (05.17.01)**

**Tõnsuaadu, Kaia** 1984 [https://www.ester.ee/record=b1523281\\*est](https://www.ester.ee/record=b1523281*est)

#### **Химизм фосфорнокислотно-термической переработки кольского апатитового концентрата**

**Põldme, Juta; Põldme, Meeme; Veiderma, Mihkel** Журнал неорганической химии 1979 / с. 1795-1800 : илл  
[https://www.ester.ee/record=b1443384\\*est](https://www.ester.ee/record=b1443384*est)