

## 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>

## Accelerated carbonation technology granulation of industrial waste : effects of mixture composition on product properties

Berber, Hakan; Tamm, Kadriann; Leinus, Mari-Liis; Kuusik, Rein, keemik; Tõnsuaadu, Kaia; Paaver, Peeter; Uibu, Mai Waste management & research 2020 / p. 142-155 <https://doi.org/10.1177/0734242X19886646> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## Aldehyde-free resins based on resorcinol and natural alkylresorcinols modified with styrene

Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Yashicheva, Tamara Polymers / Composites / 3Bs Materials 2023 International Joint Conferences 22-24 February 2023 Bangkok, Thailand : Book of Abstracts 2023 / p. 43 : ill <https://setcor.org/userfiles/files/2023/Bangkok/Polymers-Composites-3BsMaterials-2023-Book-of-Abstracts.pdf>

## 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 Differential Thermal Analysis for enthalpy evaluation of reactions during Copper Zinc Tin Selenide synthesis process

Leinemann, Inga; Kaljuvee, Tiit; Tõnsuaadu, Kaia; Öpik, Andres; Altosaar, Mare; Meissner, Dieter 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 259

## 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

## Application of thermal analysis in the preparation and characterization of super conducting $\text{YBa}_2(\text{Cu}_{1-x}\text{Cr}_x)\text{4O}_8$ oxides

Nenartaviciene, G.; Tõnsuaadu, Kaia; Jasaitis, D.; Beganskiene, Aldona; Kareiva, Aivaras ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 255

## 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

## Au ja Ag nanoosakeste saamiseks kasutatavate lähteainete $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$ ja $\text{AgNO}_3$ termilise lagunemise uurimine

Otto, Kairi; Oja Acik, Ilona; Krunks, Malle; Tõnsuaadu, Kaia XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 55

## Beneficiation of Estonian phosphate ore by flotataion [Online resource]

Tamm, Kadriann; Piir, Indrek; Kuusik, Rein, keemik; Tõnsuaadu, Kaia Beneficiation of Phosphates VIII : proceedings 2018 / [1] p. : ill [http://dc.engconfintl.org/phosphates\\_viii/1/](http://dc.engconfintl.org/phosphates_viii/1/)

## Binding of SO<sub>2</sub> 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>

## 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 hydroxyapatite, Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub> ceramics prepared by aqueous sol-gel processing**

Bogdanoviciene, Irma; Beganskiene, Aldona; **Tõnsuaadu, Kaia**; Glaser, Jochen; Meyer, H.-Jürgen; Kareiva, Aivaras Materials research bulletin 2006 / p. 1754-1762 <https://www.sciencedirect.com/science/article/pii/S0025540806000778>

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

Gruselle, Michel; **Kanger, Tõnis**; Thouvenot, Rene; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Traksmaa, Rainer**; **Maaten, Birgit**; **Tõnsuaadu, Kaia** ACS catalysis 2011 / p. 1729-1733 : ill

#### **Calcium phosphate/hydroxyapatite thin films prepared by an aqueous sol-gel method using dip-coating technique**

Bogdanoviciene, Irma; Scit, Olga; **Tõnsuaadu, Kaia**; Raudonis, Rimantas; Beganskiene, Aldona; Ramanauskas, Rimantas; Kareiva, Aivaras 12th Conference of the European Ceramic Society (ECerS 2011), Stockholm, Sweden, 19-23 June 2011 / [1 p.]

#### **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

#### **Cationic substitution effects in sol-gel derived Ca-phosphate bioceramics materials**

**Bogdanoviciene, Irma**; Ezerskyte-Miseviciene, Akvile; **Traksmaa, Rainer**; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Chemistry and Chemical Technology 2015 : International Conference of Lithuanian Chemical Society : dedicated to Professor Vitas Daukšas on his 80th birth anniversary : Vilnius, Lithuania, January 23, 2015 : programme and proceedings of the international conference 2015 / p. 66-69 : ill

#### **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 fluorkarbonaatapatitiidega = 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.esther.ee/record=b1070511\\*est](https://www.esther.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 phosphorite composition and properties during mechanical activation**

**Tõnsuaadu, Kaia**; Kaljuvee, Tiit; Petkova, Vilma; **Traksmaa, Rainer**; Kirsimäe, Kalle Researchers' Network on Phosphates : The Third International Conference on the Valorization of Phosphates and Phosphorus Compounds : COVAPHOS III : Marrakech, Morocco, March 18th-20th, 2009 : proceedings 2009 / p. 15-21

#### **Changes in phosphorite composition and properties during mechanical activation**

Petkova, Vilma; **Tõnsuaadu, Kaia**; Kaljuvee, Tiit; **Traksmaa, Rainer** The Third International Conference on the Valorization of Phosphates and Phosphorus Compounds : COVA Phos 3 : Marrakech, Morocco, March 18th-20th, 2009 : abstracts 2009 / p. 186-188

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

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

#### **Changes in the thermal behaviour of phosphorite sample from Toolse deposit (Estonia) along the drill-core**

Kaljuvee, Tiit; **Tõnsuaadu, Kaia**; Kallaste, Toivo; Hints, Rutt; Kivimäe, Eliise-Koidula; Petkova, Vilma; Trikkel, Andres 7th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC7) : book of abstracts 2023 / p. 69

**Characterization and changes in the thermal behavior of the phosphorite sample from Toolse deposit (Estonia) along the drill-core**

**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Kallaste, Toivo; Graul, Sophie; Hints, Rutt; Kivimäe, Eliise-Koidula; Petkova, Vilma; Trikkel, Andres** Journal of thermal analysis and calorimetry 2024 / 14 p <https://doi.org/10.1007/s10973-024-13655-x>

**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

**Chiral matrix effect of optically active oxalate-based networks: controlled helical conformation of an organic chromophore**

Gruselle, Michel; Malezieux, Bernard; **Tõnsuaadu, Kaia** Tetrahedron: asymmetry 2004 / 19, p. 3103-3109 : ill  
<https://www.sciencedirect.com/science/article/pii/S0957416604006159>

**Comparative analysis of the qualitative characteristics of formaldehyde and acetaldehyde resins based on styrene-modified oil shale alkylresorcinols**

Jurkeviciute, Ana; Grigorieva, Larisa; **Tõnsuaadu, Kaia; Blum, Kristina** Materials research express 2023 / art. 035304, 14 p. : ill  
<https://doi.org/10.1088/2053-1591/acc0e1> [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 Netherland : abstract book 2010 / p. 189

**Composition and properties of the heating products of calcium phosphate-aluminociliate mixtures**

**Tõnsuaadu, Kaia; Veiderma, Mihkel** Phosphorus, sulfur and silicon and the related elements 1993 / p. 292

**Composition and properties of the heating products of calcium phosphate-aluminosilicate mixtures**

**Tõnsuaadu, Kaia; Veiderma, Mihkel** XIth International Conference on Phosphorus Chemistry : abstracts of posters, Toulouse, France, 1992 1992 / p. II-97

**Composition and properties of the heating products of calcium phosphate-aluminosilicates mixtures**

**Tõnsuaadu, Kaia; Veiderma, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 1992 / 4, p. 157-163

**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

**Consumption of Estonian phosphorite [Online resource]**

**Tamm, Kadriann; Kuusik, Rein, keemik; Veiderma, Mihkel; Tõnsuaadu, Kaia** Combined set of posters presented at ESPC3 2018 / [1] p. : ill <https://phosphorusplatform.eu/images/Conference/ESPC3/Outcomes/ESPC3-Posters-Combined-v2018-10-17-reduced.pdf>

**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. 20803-20809 : ill <http://recentscientific.com/sites/default/files/8807-A-2017.pdf>

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

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<sub>2</sub>ZnSnSe<sub>4</sub> formation and reaction enthalpies in molten NaI starting from binary chalcogenides**

Leinemann, Inga; Zhang, Weihao; Kaljuvee, Tiit; **Tõnsuaadu, Kaia; Traksmaa, Rainer; Raudoja, Jaan; Grossberg, Maarja; Altosaar, Mare; Meissner, Dieter** Journal of thermal analysis and calorimetry 2014 / p. 1313-1321 : ill <https://doi.org/10.1007/s10973-014-4102-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Cyclohexanohemicucurbit[8]uril inclusion complexes with heterocycles and selective extraction of sulfur compounds from water**

**Shalima, Tatsiana; Mishra, Kamini Atindrakumar; Kaabel, Sandra; Ustrnul, Lukas; Bartkova, Simona; Tõnsuaadu, Kaia; Heinmaa, Ivo; Aav, Riina** Frontiers in chemistry 2021 / art. 786746, 8 p. : ill <https://doi.org/10.3389/fchem.2021.786746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dehydrations of Ca(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub> • H<sub>2</sub>O and Mg(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub> • 2H<sub>2</sub>O and their reactions with KCl, examined with simultaneous TG, DtG, DTA and EGA**

**Pöldme, Meeme; Tönsuaadu, Kaia;** Paulik, F.; Paulik, J.; Arnold, M. *Journal of thermal analysis : an international forum for communications on thermal investigations* 1979 / p. 479-488

**Dependence of the interaction mechanisms between L-serine and O-phospho-L-serine with calcium hydroxyapatite and copper modified hydroxyapatite in relation with the acidity of aqueous medium**

**Tönsuaadu, Kaia; Gruselle, Michel; Kriisa, Frieda; Trikkel, Andres** *Journal of biological inorganic chemistry* 2018 / p. 929–937 : ill  
<https://doi.org/10.1007/s00775-018-1594-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Development of aspen bleached chemithermomechanical pulp towards nanostructure = Haava pleegitatud keemilis-termilise puitmassi töötlemine nanostruktuuride saamiseks**

**Kärner, Kärt** 2018 <https://digi.lib.ttu.ee/l/?9947> [https://www.ester.ee/record=b5054961\\*est](https://www.ester.ee/record=b5054961*est)

**Differential thermal analysis for estimation of the thermal stability of NPK fertilizers**

**Tönsuaadu, Kaia; Viisimaa, Ludmilla** *Journal of thermal analysis* 1991 / p. 927-934 : ill <https://doi.org/10.1007/BF01932790>

**Differential-thermal analysis for estimating the thermal stability of the NPK-fertilizers**

**Viisimaa, Ludmilla; Tönsuaadu, Kaia** *Euroanalysis VII : European Conference on Analytical Chemistry*, Vienna, Austria, August 26-31 1990 : book of abstracts. Vol. 2 1990 / p. B7 P-Fr-106

**Dissolution kinetics of rare earth elements from Estonian phosphate rock using hydrochloric acid treatment**

**Azeez, Ruhany S.; Tönsuaadu, Kaia; Einard, Marve; Kaljuvee, Tiit; Trikkel, Andres** *Minerals engineering* 2025 / art. 109641  
<https://doi.org/10.1016/j.mineng.2025.109641> <http://https://www.sciencedirect.com/science/article/pii/S0892687525004698>

**Dissolution of rare earth elements from phosphate ore in hydrochloric acid**

**Hacialioğlu-Erlenheim, Gizem; Tönsuaadu, Kaia; Urtson, Kristjan; Kallaste, Toivo; Trikkel, Andres** XIV International Mineral Processing and Recycling Conference : proceedings 2021 / p. 166-171 : ill  
[https://imprc.tfbor.bg.ac.rs/download/IMPRC\\_2021\\_Proceedings.pdf](https://imprc.tfbor.bg.ac.rs/download/IMPRC_2021_Proceedings.pdf)

**EDTA impact on Cd<sup>2+</sup> migration in apatite-water system**

**Tönsuaadu, Kaia; Viipsi, Karin; Trikkel, Andres; Viipsi, Karin** *Journal of hazardous materials* 2008 / p. 491-497 : ill  
<https://www.sciencedirect.com/science/article/pii/S0304389407014999>

**EDTA ja tsitraatioonide möju Cd<sup>2+</sup> ionide sidumisele apatiidiga**

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

**Eesti fosforiidi säästlik väärindamine : [RITA MAARE projekti aruanne]**

2020 <https://fond.egt.ee/fond/legf/9405>

**Effect of flotation time and collector dosage on Estonian phosphorite beneficiation**

**Tamm, Kadriann; Zadeh, Zeinab Arab; Kuusik, Rein, keemik; Kallas, Juha; Yang, Jason; Tönsuaadu, Kaia; Trikkel, Andres** *Minerals* 2021 / art. 114 <https://doi.org/10.3390/min11020114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effect of fluoride and carbonate substitutions on apatites Cd<sup>2+</sup> sorption capacity**

**Peld, Merike; Tönsuaadu, 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**

**Tönsuaadu, 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

**Ehkki haruldasi muldmetalle otsitakse Lääne-Virumaalt, on neid tunduvalt enam Maardu fosforiidis**

Tohver, Andres virumaateataja.postimees.ee 2023 [Ehkki haruldasi muldmetalle otsitakse Lääne-Virumaalt, on neid tunduvalt enam Maardu fosforiidis](#)

**Elements distribution between solid and liquid phases in hydrochloric acid treatment of phosphate ore**

**Hacialioğlu-Erlenheim, Gizem; Tönsuaadu, Kaia; Urtson, Kristjan; Kallaste, Toivo; Trikkel, Andres** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 54 [https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**Estonian phosphate rock dissolution in hydrochloric acid : optimization of acid dosage and concentration**

**Tönsuaadu, Kaia; Kallas, Juha; Kallaste, Toivo; Urtson, Kristjan; Einard, Marve; Martin, Rasmus; Kuusik, Rein; Trikkel,**

### Evaluation of Estonian phosphate rock by flotation

Yang, Xiaosheng; **Tamm, Kadiann**; Piir, Indrek; Kuusik, Rein, keemik; Trikkel, Andres; Tõnsuaadu, Kaia Minerals engineering 2021 / art. 107127, 10 p. : ill <https://doi.org/10.1016/j.mineng.2021.107127> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Evolved gas analysis of apatite materials using thermochromatography

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

### 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

### Formation of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor

Bogdanoviciene, Irma; Cepenko, Marina; Traksmaa, Rainer; Kareiva, Aivaras; Tõnsuaadu, Kaia *Journal of Thermal Analysis and Calorimetry* 2015 / p. 107-114 : ill <https://doi.org/10.1007/s10973-015-4507-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Formation of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor

Bogdanoviciene, Irma; Cepenko, Marina; Traksmaa, Rainer; Kareiva, Aivaras; Tõnsuaadu, Kaia *ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry* : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 190

### Formation peculiarities of calcium hydroxyapatite $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$ during sol-gel processing [Electronic resource]

Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Mikli, Valdek; Grigoraviciute-Puroniene, Inga; Beganskiene, Aldona; Kareiva, Aivaras *ECIS 2010 : 24th Conference of the European Colloid and Interface Society* : September 5-10, Prague, Czech Republic 2010 / p. P.2.89 [CD-ROM]

### 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

### Hüdroksüülatiidi lahustumine ja pinna komplekseerumine $\text{Cd}^{2+}$ 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](#)

### Hydroxyapatite-based catalysts in organic synthesis

Gruselle, Michel; Tõnsuaadu, Kaia; Gredin, Patrick; Len, Christophe *Design and applications of hydroxyapatite-based catalysts* 2022 / chapter 10 <https://doi.org/10.1002/9783527830190.ch10>

### 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 $\text{Cd}^{2+}$ sorption with apatites

Tõnsuaadu, Kaia; Vatter, Karin; Peld, Merike; Mikli, Valdek *5th International Symposium on Inorganic Phosphate Materials '05 :*

**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 humiinaise 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 mechanical activation on physical and chemical properties of phosphorite concentrates**  
Tõnsuaadu, Kaia; Kaljuvee, Tiit; Petkova, Vilma; Traksmaa, Rainer; Bender, Villem; Kirsimäe, Kalle International journal of mineral processing 2011 / p. 104-109

**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

**Impact of the carbonate substitution on HAP crystal lattice**  
Niitsoo, Jaanika; Kallaste, Toivo; Mikli, Valdek; Nemliher, Jüri; Tõnsuaadu, Kaia Researchers' Network on Phosphates : The Third International Conference on the Valorization of Phosphates and Phosphorus Compounds : COVAPHOS III : Marrakech, Morocco, March 18th-20th, 2009 : proceedings 2009 / p. 22-26

**Impact of the carbonate substitution on HAP crystal lattice**  
Niitsoo, Jaanika; Kallaste, Toivo; Mikli, Valdek; Nemliher, Jüri; Tõnsuaadu, Kaia The Third International Conference on the Valorization of Phosphates and Phosphorus Compounds : COVA Phos 3 : Marrakech, Morocco, March 18th-20th, 2009 : abstracts 2009 / p. 189-192 : ill

**Impact of wastewater components on phosphorus removal by oil shale ash in model systems**  
Tõnsuaadu, Kaia; Mõtlep, Riho; Kivistik, Mart; Kuusik, Rein, keemik Book of abstracts : 4th Sustainable Phosphorus Summit : Le Corum, Montpellier, France, 1-3 September 2014 2014 / [1] p

**In2S3 kilede moodustumine pihustuspürolüüsprotsessis : termoanalüütiline uuring**  
Otto, Kairi; Oja Acik, Ilona; Tõnsuaadu, Kaia; Krunks, Malle XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 70

**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 silicic acid and glauconite on thermal dehydration of Ca(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub>.H<sub>2</sub>O**  
Tõnsuaadu, Kaia Journal of thermal analysis 1990 / 5, p. 1785-1793

**Influence of solution composition on sprayed ZnO nanorods properties and formation process: Thermoanalytical study of the precursors**  
Dedova, Tatjana; Oja Acik, Ilona; Polivtseva, Svetlana; Krunks, Malle; Gromoko, Inga; Tõnsuaadu, Kaia; Mere, Arvo Ceramics international 2019 / p. 2887-2892 : ill <https://doi.org/10.1016/j.ceramint.2018.07.274> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**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>

## **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

## **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

## **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

## **Low-temperature synthesis of ZnO layers assisted by chemical processes**

**Polvitseva, Svetlana; Dedova, Tatjana; Bereznev, Sergei; Kois, Julia; Tõnsuaadu, Kaia; Volobujeva, Olga; Juma, Albert** Owino 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / PS1.016, p. 200 <http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf>

## **Low-temperature transition of bioaragonite of *Tapes decussatus linnaeus* (mollusca: bivalvia) [Electronic resource]**

**Tõnsuaadu, Kaia; Nemliher, Jüri; Kallaste, Toivo** 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14-18, 2008, Sao Pedro, Brazil 2008 / p. C03 [CD-ROM] <https://kirjandus.geoloogia.info/reference/30350>

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

**Veiderma, Mihkel; Pöldme, 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)

## **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

## **Muutused karbonaatapatatiitide 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-fluorkarbonaatapatatiitide 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 Ru<sup>3+</sup> sorption mechanism on apatites**

**A new glance at ruthenium sorption mechanism on hydroxy-, carbonate-, and fluorapatites : 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; **Hacialioglu-Erlenheim, Gizem**; **Trikkel, 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

**Non-aldehyde resins based on resorcinol and natural alkylresorcinols modified with styrene**

**Jurkeviciute, Ana**; **Grigorieva, Larisa**; **Tõnsuaadu, Kaia**; **Yashicheva, Tamara**; Bondarev, Dmitrij Materials research express 2023 / art. 105301 <https://doi.org/10.1088/2053-1591/acfd12> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**A novel bisphosphonate-based solid phase method for effective removal of chromium(III) from aqueous solutions and tannery effluents**

**Alanne, Aino-Liisa**; **Tõnsuaadu, Kaia** RSC advances 2013 / p. 14132-14138 : ill <https://doi.org/10.1039/C3RA41501E> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Oleviku- ja tulevikumaavarade uuringud Eestis : RITA MAARE**

Ainsaar, Leho; Menert, Anne; Lust, Enn; **Tõnsuaadu, Kaia**; Kirsimäe, Kalle Riigikogu Toimetised 2021 / lk. 69–78 : ill [https://www.estr.ee/record=b1361123\\*est](https://www.estr.ee/record=b1361123*est) <https://rito.riigikogu.ee/wordpress/wp-content/uploads/2021/12/RiTo-44.pdf>

**On the sol-gel preparation of calcium hydroxyapatite ( $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2\text{,HA}$ )**

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

**Optically active molecular magnets**

Gruselle, Michel; Malezieux, Bernard; Guyard-Duhayon, Carine; Clement, Rene; Besnard, Sophie; Gredin, Patrick; **Tõnsuaadu, Kaia** The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 52

**Peculiarities of the formation of calcium hydroxyapatite,  $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$ , at different heating conditions**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; **Mikli, Valdek**; Beganskiene, Aldona; Kareiva, Aivaras Abstract book : Chemistry and Technology of Inorganic Compounds : Kaunas, Lithuania, April 21, 2010 2010 / p. 12-13

**pH impact on the sol-gel preparation of calcium hydroxyapatite,  $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$ , using a novel complexing agent, DCTA**

Bogdanoviciene, Irma; **Tõnsuaadu, Kaia**; **Mikli, Valdek**; Grigoraviciute-Puroniene, Inga; Beganskiene, Aldona; Kareiva, Aivaras Central European journal of chemistry 2010 / 6, p. 1323-1330 : ill <https://link.springer.com/article/10.2478/s11532-010-0113-0>

**Physico-chemical transformations during heating of phosphorites**

Kaljuvee, Tiit; Veiderma, Mihkel; **Tõnsuaadu, Kaia**; Vilbok, Heinrich Journal of thermal analysis : an international forum for communications on thermal investigations 1988 / p. 839-844 ; ill [https://www.estr.ee/record=b1524801\\*est](https://www.estr.ee/record=b1524801*est)

**Physico-chemical transformations during heating the phosphorites**

Kaljuvee, Tiit; Veiderma, Mihkel; **Tõnsuaadu, Kaia**; Vilbok, Heinrich Fourth European symposium on thermal analysis and calorimetry, Aug. 23-28, 1987. Workbook. Supplement 1987

**Pihustuspürolüüsmeetodil saadetatud  $\text{CuInS}_2$  kilede lähteainete termiline lagunemine**

**Mere, Arvo**; Oja Acik, Ilona; Otto, Kairi; Krunks, Malle; **Tõnsuaadu, Kaia** XXXIII Eesti Keemiatäiendus : teaduskonverentsi teesid 2013 / lk. 46

**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

**Preparation and characterization of superconducting  $\text{YBa}_2(\text{Cu}_{1-x}\text{Cr}_x)\text{4O}_8$  oxides by thermal analysis**

Nenartaviciene, G.; **Tõnsuaadu, Kaia**; Jasaitis, D.; Beganskiene, Aldona; Kareiva, Aivaras Journal of thermal analysis and

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

Tönsuaadu, 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

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

Tönsuaadu, 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

**Põhja-Euroopa fluorhüdroksüapatiidid = Fluorhydroxyapatites of Northern Europe**

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

**Reaction enthalpies of CZTSe synthesis in KI**

Leinemann, Inga; Kaljuvee, Tiit; Tönsuaadu, Kaia; Altosaar, Mare Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 297

**Reaction enthalpies of Cu<sub>2</sub>ZnSnSe<sub>4</sub> synthesis in KI**

Leinemann, Inga; Timmo, Kristi; Grossberg, Maarja; Kaljuvee, Tiit; Tönsuaadu, Kaia; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2015 / p. 1555-1564 : ill <https://doi.org/10.1007/s10973-014-4339-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Reaction enthalpies of the CZTSe synthesis in NaI**

Leinemann, Inga; Zhang, Weihao; Kaljuvee, Tiit; Tönsuaadu, Kaia; Altosaar, Mare Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 296

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

Veiderma, Mihkel; Pöldme, Meeme; Pöldme, Juta; Tönsuaadu, 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; Tönsuaadu, 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.estr.ee/record=b4309301\\*est](https://www.estr.ee/record=b4309301*est)

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

Veiderma, Mihkel; Pöldme, Meeme; Tönsuaadu, 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; Tönsuaadu, Kaia Chemistry 2001 : 5th National Lithuanian Conference : Vilnius, September 27, 2001 : abstracts 2001 / p. 93

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

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

**Removal of Cd<sup>2+</sup> and Mn<sup>2+</sup> ions from aqueous solutions by synthetic cation substituted calcium-carbonate-apatite**

Tönsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel Toxicological and environmental chemistry 1997 / p. 145-154: ill

**Sb<sub>2</sub>S<sub>3</sub> thin films by ultrasonic spray pyrolysis of antimony ethyl xanthate**

Eensalu, Jako Siim; Tönsuaadu, Kaia; Oja Acik, Ilona; Krunks, Malle Materials science in semiconductor processing 2022 / art. 106209 : ill <https://doi.org/10.1016/j.mssp.2021.106209> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Search for natural reagents for obtaining thermophosphates**

Veiderma, Mihkel; Pöldme, Meeme; Tönsuaadu, Kaia; Knubovets, Rena Phosphorus research bulletin 1991 / p. 134-136

**Search for natural reagents for obtaining thermophosphates**

Veiderma, Mihkel; Pöldme, Meeme; Tönsuaadu, Kaia; Knubovets, Rena International Symposium on Inorganic Phosphate Materials, Tokyo, July 24-26 1991 : extended abstracts 1991 / p. 16

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

Peld, Merike; Tönsuaadu, 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\\_ZnIONS\\_ON\\_SYNTHETIC\\_APATITES\\_FROM\\_AQUEOUS\\_SOLUTIONS](https://www.researchgate.net/publication/286300497_SIMULTANEOUS_SORPTION_OF_Cd_AND_ZnIONS_ON_SYNTHETIC_APATITES_FROM_AQUEOUS_SOLUTIONS)

### **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

### **Sol-Gel approach to the calcium phosphate nanocomposites**

Beganskiene, Aldona; Stankeviciute, Zivile; Malakauskaite, Milda; Bogdanoviciene, Irma; Mikli, Valdek; Tõnsuaadu, Kaia; Kareiva, Aivaras Nanostructured materials and nanotechnology VII : a collection of papers presented at the 37th International Conference on Advanced Ceramics and Composites, January 27-February 1, 2013, Daytona Beach, Florida 2014 / p. 3-14 : ill  
<https://doi.org/10.1002/9781118807828.ch1> Conference proceedings at Scopus Article at Scopus

### **Sol-Gel Approach to the Calcium Phosphate Nanocomposites : (ICACC-S7-P091-2013)**

Beganskiene, Aldona; Bogdanoviciene, Irma; Tõnsuaadu, Kaia 37th International Conference and Exposition on Advanced Ceramics and Composites : abstracts book : January 27-February 1, 2013, Daytona Beach, Florida 2013 / p. 102

### **Sol-gel approach to the calcium phosphate nanocomposites [Electronic resource]**

Beganskiene, Aldona; Bogdanoviciene, Irma; Mikli, Valdek; Tõnsuaadu, Kaia Proceedings of the 37th International Conference on Advanced Ceramics and Composites : January 27-February 1, 2013, Hilton Daytona Beach Resort and Ocean Center, Daytona Beach, Florida, USA 2013 / [10] p. : ill [CD-ROM]

### **Sol-gel chemistry approach in the preparation of precursors for the substituted superconducting oxides**

Pleckis, G.; Tõnsuaadu, Kaia; Baubonyte, T.; Kareiva, Aivaras Journal of non-crystalline solids 2002 / p. 250-258  
<https://www.sciencedirect.com/science/article/abs/pii/S0022309302013777>

### **Sol-gel derived single source precursors for rare-earth substituted superconducting oxides**

Tõnsuaadu, Kaia; Baubonyte, T.; Beganskiene, Aldona; Jasaitis, D.; Kareiva, Aivaras Chemine technologija 2002 / 5, p. 12-16 : ill

### **Sol-gel preparation and characterization of yttrium gallium garnets**

Lelekaite, Asta; Urbonaite, Sigitā; Tõnsuaadu, Kaia; Kareiva, Aivaras The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 19

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

Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Beganskiene, Aldona; Kareiva, Aivaras Konferencijos Chemija ir chemine technologija. Sekcijos Neorganinių junginių chemija ir technologija : pranešimų medžiaga 2006 / p. 18-19 : ill

### **Sol-gel synthesis and characterization of gadolinium stabilized ceria thin films on the different substrates**

Abakeviciene, Brigita; Žalga, Arturas; Tamulevicius, Sigitas; Pilipavicius, Jurgis; Beganskiene, Aldona; Tõnsuaadu, Kaia; Kareiva, Aivaras 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts 2011 / p. 10-11

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

Bogdanoviciene, Irma; Cepenko, Marina; Traksmaa, 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; Traksmaa, Rainer; Kareiva, Aivaras; Tõnsuaadu, Kaia 16th International Conference-School Advanced Materials and Technologies 2014 : Augus 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/abs/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, Wroclaw, 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, Nanostructured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 19-21

### **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 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

### **Study of thermal properties of synthetic resins based on oil shale alkylresorcines**

**Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 22 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

### **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** 2005 [https://www.esther.ee/record=b1994280\\*est](https://www.esther.ee/record=b1994280*est)

### **Sulfaatapatatiitide koostis ja omadused**

**Tõnsuaadu, Kaia; Peld, Merike; Bender, Villem; Mikli, Valdek** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaatid = 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 of anion and cation substituted apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Traksmaa, Rainer; Mikli, Valdek** Book of abstracts of the 8-th International Summer School-

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

Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Traksmaa, 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 biomimetic apatites by precipitation**

Tõnsuaadu, Kaia; Bogdanoviciene, Irma; Traksmaa, 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\\_CARBONATE\\_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_CARBONATE_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

**Synthesis of modified polycondensation resins based on oil shale individual alkylresorcinols and their mixtures**

Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Blum, Kristina; Yashicheva, T.; Moskvina, K. Baltic polymer symposium 2022 : programme and abstracts 2022 / p. 54

**Synthesis of modified resins based on resorcinol and oil shale alkylresorcinols : structure and properties =**

**Modifitseeritud vaikude süntees resortsinooli ja põlevkivi alküürresortsinoolide alusel : struktuur ja omadused**  
Jurkeviciute, Ana 2024 [https://www.estet.ee/record=b5667168\\*est](https://www.estet.ee/record=b5667168*est) <https://digikogu.taltech.ee/el/Item/bccf3a68-0f32-44d8-966a-d5e25ae1dc26> <https://doi.org/10.23658/taltech.10/2024>

**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

**TA-MS and FTIR study of Mg<sup>2+</sup> and glycine modified Ca-hydroxyapatite**

Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Traksmaa, Rainer; Kareiva, Aivaras 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 371

**Temperature-induced changes in chrystral lattice of bioaragonite of Tapes decussatus linnaeus (mollusca: Bivalvia)**

Nemliher, Jüri; Tõnsuaadu, Kaia; Kallaste, Toivo Journal of thermal analysis and calorimetry 2009 / 1, p. 27-32 : ill  
[https://www.researchgate.net/publication/243958295\\_Temperature-induced\\_changes\\_in\\_crystal\\_lattice\\_of\\_bioaragonite\\_of\\_Tapes\\_decussatus\\_Linnaeus\\_Mollusca\\_Bivalvia](https://www.researchgate.net/publication/243958295_Temperature-induced_changes_in_crystal_lattice_of_bioaragonite_of_Tapes_decussatus_Linnaeus_Mollusca_Bivalvia)

**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 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 impurities on thermal dehydration of calcium dihydrogen phosphate**

Pöldme, Meeme; Pöldme, Juta; Tõnsuaadu, Kaia Abstracts of papers International Conference on Phosphorus Chemistry '79 : Halle (Saale), September 17 -21, 1979 1979 / p. 209-210

**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,

**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 Israeli phosphorites**

**Tõnsuaadu, Kaia; Veiderma, Mihkel; Koel, Mihkel; Nathan, Yaakov** Proceedings of the Estonian Academy of Sciences. Chemistry 2000 / 1, p. 44-52 [https://artiklid.elnet.ee/record=b1003251\\*est](https://artiklid.elnet.ee/record=b1003251*est)

**Thermal analysis of Israeli phosphorites with determination of the evolved gases**

**Tõnsuaadu, Kaia; Koel, Mihkel; Veiderma, Mihkel** Journal of thermal analysis and calorimetry 2001 / Proceedings of the 12th International Congress on Thermal Analysis and Calorimetry : Copenhagen, Denmark, August 14-18, 2000. Volume III, Materials science geosciences, ISBN 963-05-7791-7, p. 1247-1255 : ill

**Thermal analysis of synthetic biomimic apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Mikli, Valdek; Traksmaa, 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**

Stankevičiute, 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 analysis with determination of the evolved gases of Israel phosphorites**

**Tõnsuaadu, Kaia; Koel, Mihkel; Veiderma, Mihkel** Programme and abstract book of 12th International Congress on Thermal Analysis and Calorimetry : August 14-18, 2000, Copenhagen, Denmark 2000 / p. 206  
<https://link.springer.com/article/10.1023/A:1011565601000>

**Thermal behavior of Estonian graptolite-argillite from different deposits**

**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Einard, Marve; Mikli, Valdek; Kivimäe, Eliise-Koidula; Kallaste, Toivo; Trikkel, Andres** Processes 2022 / art. 1986 <https://doi.org/10.3390/pr10101986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal behaviour of Estonian phosphorites from different deposits**

**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Traksmaa, Rainer; Einard, Marve; Jefimova, Jekaterina; Petkova, Vilma** 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18–21, 2019 : book of abstracts 2019 / p. 134-135 <https://jtac-jtacc.akcongress.com/>

**Thermal behaviour of Estonian phosphorites from different deposits**

**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Traksmaa, Rainer; Einard, Marve; Jefimova, Jekaterina; Petkova, Vilma** Journal of thermal analysis and calorimetry 2020 / p. 437-449 <https://doi.org/10.1007/s10973-019-09056-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal behaviour of precursors for CuInS<sub>2</sub> thin films deposited by spray pyrolysis**

**Oja Acik, Ilona; Otto, Kairi; Krunks, Malle; Tõnsuaadu, Kaia; Mere, Arvo** Journal of thermal analysis and calorimetry 2013 / p. 1455-1465 : ill <https://doi.org/10.1007/s10973-013-3155-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal decomposition of tris(O-ethylidithiocarbonato)-antimony(III) - a single-source precursor for antimony sulfide thin films**

**Eensalu, Jako Siim; Tõnsuaadu, Kaia; Adamson, Jasper; Oja Acik, Ilona; Krunks, Malle** Journal of thermal analysis and calorimetry 2022 / p. 4899-4913 : ill <https://doi.org/10.1007/s10973-021-10885-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal decomposition study of HAuCl<sub>4</sub>·3H<sub>2</sub>O and AgNO<sub>3</sub> as precursors for plasmonic metal nanoparticles**

**Otto, Kairi; Krunks, Malle; Oja Acik, Ilona; Tõnsuaadu, Kaia** Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 298

**Thermal decomposition study of HAuCl<sub>4</sub>·3H<sub>2</sub>O and AgNO<sub>3</sub> as precursors for plasmonic metal nanoparticles**

**Otto, Kairi; Oja Acik, Ilona; Krunks, Malle; Tõnsuaadu, Kaia; Mere, Arvo** Journal of thermal analysis and calorimetry 2014 / p. 1065-1072 : ill <https://doi.org/10.1007/s10973-014-3814-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Thermal dehydration of the mixture of calcium dihydrogen phosphate and glauconite**

**Tõnsuaadu, Kaia; Veiderma, Mihkel** XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7, 1989 :

abstracts of posters. II 1989 / [p. 90] [https://www.estr.ee/record=b1209881\\*est](https://www.estr.ee/record=b1209881*est)

### Thermal dehydration of the mixture of calcium dihydrogen phosphate and glauconite

Tõnsuaadu, Kaia; Veiderma, Mihkel Phosphorus, sulfur and silicon and the related elements 1990 / p. 443

### 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'Aseq, 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; Pöldme, 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; Pöldme, Meeme; Tõnsuaadu, Kaia XI. International Conference on Phosphorus Chemistry, Tallinn, USSR July 3-7 1989 : abstracts of lectures. I 1989 / [p. 137] [https://www.estr.ee/record=b1209888\\*est](https://www.estr.ee/record=b1209888*est)

### Thermische Entfluorierung von Apatit

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

### Thermoanalytical studies of titanium(IV) acetyl-acetonate xerogels with emphasis on evolved gas analysis

Oja Acik, Ilona; Madarasz, Janos; Krunks, Malle; Tõnsuaadu, Kaia; Janke, D.; Pokol, György; Niinistö, L. Journal of thermal analysis and calorimetry 2007 / p. 557-563 : ill <https://link.springer.com/content/pdf/10.1007/s10973-006-8064-6.pdf>

### Thermoanalytical study of a precursor for CuInS<sub>2</sub> thin films deposited by chemical spray pyrolysis

Oja Acik, Ilona; Otto, Kairi; Tõnsuaadu, Kaia; Katerski, Atanas; Niinistö, L.; Krunks, Malle ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherland : abstract book 2010 / p. 175

### Thermoanalytical study of a precursor for In<sub>2</sub>S<sub>3</sub> films by spray pyrolysis

Otto, Kairi; Oja Acik, Ilona; Tõnsuaadu, Kaia; Annert, Katre; Krunks, Malle ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherland : abstract book 2010 / p. 181

### Thermoanalytical study of acetylacetone-modified titanium(IV)isopropoxide as a precursor for TiO<sub>2</sub> films

Krunks, Malle; Oja, Ilona; Tõnsuaadu, Kaia; Es-Souni, M.; Gruselle, M.; Niinistö, L. Journal of thermal analysis and calorimetry 2005 / p. 483-488 : ill <https://link.springer.com/article/10.1007/s10973-005-0681-y>

### Thermoanalytical study of acetylacetone modified titanium(IV)isopropoxide as a precursor for TiO<sub>2</sub> films

Krunks, Malle; Oja, Ilona; Tõnsuaadu, Kaia; Es-Souni, M.; Gruselle, M.; Niinistö, L. 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. 276 <https://link.springer.com/article/10.1007/s10973-005-0681-y>

### Thermoanalytical study of precursors for In<sub>2</sub>S<sub>3</sub> thin films deposited by spray pyrolysis

Otto, Kairi; Oja Acik, Ilona; Tõnsuaadu, Kaia; Mere, Arvo; Krunks, Malle Journal of thermal analysis and calorimetry 2011 / p. 615-623 : ill

### Thermoanalytical study of precursors for SnS thin films deposited by chemical spray pyrolysis method

Polivtseva, Svetlana; Oja Acik, Ilona; Tõnsuaadu, Kaia; Mere, Arvo; Krunks, Malle ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 86

### Thermoanalytical study of precursors for tin sulfide thin films deposited by chemical spray pyrolysis

Polivtseva, Svetlana; Oja Acik, Ilona; Krunks, Malle; Tõnsuaadu, Kaia; Mere, Arvo Journal of thermal analysis and calorimetry

**Thermoanalytical study of the YSZ precursors prepared by aqueous sol-gel synthesis route**

**Tõnsuaadu, Kaia; Zalga, Arturas; Beganskiene, Aldona; Kareiva, Aivaras** 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 261  
<https://link.springer.com/article/10.1007/s10973-011-2184-3>

**Thermoanalytical study of the YSZ precursors prepared by aqueous sol-gel synthesis route**

**Tõnsuaadu, Kaia; Zalga, Arturas; Beganskiene, Aldona; Kareiva, Aivaras** Journal of thermal analysis and calorimetry 2012 / p. 77-83 : ill [https://www.researchgate.net/publication/257615627\\_Thermoanalytical\\_study\\_of\\_the\\_YSZ\\_precursors\\_prepared\\_by\\_aqueous\\_sol-gel\\_synthesis\\_route](https://www.researchgate.net/publication/257615627_Thermoanalytical_study_of_the_YSZ_precursors_prepared_by_aqueous_sol-gel_synthesis_route)

**Thermoanalytical study of titanium(IV) acetylacetone xerogels**

**Oja Acik, Ilona; Madarasz, Janos; Tõnsuaadu, Kaia; Krunks, Malle; Pokol, György** ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 328  
<https://link.springer.com/article/10.1007/s10973-006-8064-6>

**Thermochemical investigations of natural phosphate with ammonium sulphate additive**

Petchova, V.; Pelovski, Y.; Dombalov, I.; **Tõnsuaadu, Kaia** 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. P2-105A  
[https://www.researchgate.net/publication/243957255\\_Thermochemical\\_investigations\\_of\\_natural\\_phosphate\\_with\\_ammonium\\_sulfate\\_additive](https://www.researchgate.net/publication/243957255_Thermochemical_investigations_of_natural_phosphate_with_ammonium_sulfate_additive)

**Thermochemical investigations of natural phosphate with ammonium sulphate additive**

Petkova, Vilma; Pelovski, Y.; Dombalov, I.; **Tõnsuaadu, Kaia** Journal of thermal analysis and calorimetry 2005 / p. 701-708

**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.esther.ee/record=b1046944\\*est](https://www.esther.ee/record=b1046944*est)

**Thermophosphates from Kovdor and Siilinjärvi apatites**

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

**Thermophosphates on the basis of apatite and alluminosilicates**

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

**Thermophosphates on the basis of apatite and alluminosilicates**

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

**TiO<sub>2</sub> sool-geel meetodil : atsetüülasetooniga stabiliseeritud titaan (IV) isoproksiidi termiline lagunemine**

**Oja, Ilona; Krunks, Malle; Tõnsuaadu, Kaia; Es-Souni, M.; Gruselle, M.; Niinistö, L.** XXIX Eesti keemipäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 74

**Titanium(IV) acetylacetone xerogels for processing titania films : a thermoanalytical study**

**Oja Acik, Ilona; Madarasz, Janos; Krunks, Malle; Tõnsuaadu, Kaia; Pokol, György; Niinistö, L.** Journal of thermal analysis and calorimetry 2009 / 1, p. 39-45 : ill  
[https://www.researchgate.net/publication/243958213\\_TitaniumIV\\_acetylacetone\\_xerogels\\_for\\_processing\\_titania\\_films\\_AAA\\_thermoanalytical\\_study](https://www.researchgate.net/publication/243958213_TitaniumIV_acetylacetone_xerogels_for_processing_titania_films_AAA_thermoanalytical_study)

**Titanium(IV) acetylacetone xerogels for processing titania films : structure and thermal analysis [Electronic resource]**

**Oja Acik, Ilona; Madarasz, Janos; Heinamaa, Ivo; Pehk, Tõnis; Tõnsuaadu, Kaia; Krunks, Malle; Pokol, György; Niinistö, Lauri** 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14-18, 2008, Sao Pedro, Brazil 2008 / p. OP-C06 [CD-ROM] <https://link.springer.com/article/10.1007/s10973-008-9647-1>

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

Gruselle, Michel; Tönsuaadu, 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

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

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

## Ülevaade. Oleviku- ja tulevikumaavarade uuringud Eestis [Võrguväljaanne]

Ainsaar, Leho; Menert, Anne; Lust, Enn; Tönsuaadu, Kaia; Kirsimäe, Kalle err.ee 2022 ["Ülevaade. Oleviku- ja tulevikumaavarade uuringud Eestis"](#)

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

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

## Изследване на термичното разлагане на механоактивирани смеси от Естонски фосфорит и амониев сулфат

Петкова, В.; Tönsuaadu, Kaia; Kuusik, Rein, keemik; Пеловски, Й.; Домбалов, И.; Петров, Л. Дванадесета научно-техническая сессия Контакт 2003 "Трибология и интердисциплинность" : Трибология 2003 : 30-31 октября 2003, София 2003 / с. 111-116 : илл

## Исследование реакций в системах CaF<sub>2</sub>/Ca(PO<sub>4</sub>)<sub>2</sub>/n и CaF<sub>2</sub>-C<sub>2</sub>P<sub>2</sub>O<sub>7</sub> при нагревании

Kaljuvee, Tiit; Tönsuaadu, Kaia II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 г. : тезисы докладов. Часть 1 1977 / с. 99 [https://www.estr.ee/record=b1308827\\*est](https://www.estr.ee/record=b1308827*est)

## Исследование термических превращений в фосфоритах методом термогазотитриметрии

Kaljuvee, Tiit; Tönsuaadu, Kaia; Vilbok, Heinrich; Veiderma, Mihkel Тезисы докладов Всесоюзной конференции "Фосфаты-87" 1987 / с. 597 [https://www.estr.ee/record=b4415763\\*est](https://www.estr.ee/record=b4415763*est)

## Комплексный анализ фосфатных покрытий и шламов

Tönsuaadu, Kaia; Veiderma, Mihkel; Takkin, Rutt; Nemes, Katalin Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1989 / с. 135-138 : илл [https://www.estr.ee/record=b1264984\\*est](https://www.estr.ee/record=b1264984*est) <https://www.etera.ee/zoom/18882/view?page=1&p=separate&tool=info>

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

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

## Неорганическая химия и технология

Tönsuaadu, Kaia; Aasamäe, Ernst; Veiderma, Mihkel; Viisimaa, Ludmilla; Ojaste, Ülle; Veskimäe, Helgi; Kuusik, Rein, keemik; Kaljuvee, Tiit; Vilbok, Heinrich; Hödreibärv, Helvi; Ott, Roman; Kerm, Karin; Vaarmann, Aini; Help, Kalju; Pets, Lydia; Koncsik, I.; Lohonyai, Nándor; Schächter, Klára; Talimets, Ellen; Kallast, Vambola; Kübarsepp, Jakob 1986 [https://www.estr.ee/record=b1476293\\*est](https://www.estr.ee/record=b1476293*est)

## О взаимодействии фторида кальция с конденсированными фосфатами кальция

Pöldme, Meeme; Pöldme, Juta; Tönsuaadu, Kaia; Kaljuvee, Tiit; Veiderma, Mihkel Физико-химическое исследование фосфатов: IV Всесоюзная конференция: тезисы докладов 1976 / с. 241-242

## О взаимодействии фторида кальция с конденсированными фосфатами кальция

Pöldme, Meeme; Pöldme, Juta; Tönsuaadu, Kaia; Kaljuvee, Tiit; Veiderma, Mihkel Физикохимические исследования фосфатов : тезисы докладов IV Всесоюзной конференции 1976 / с. 241-242

## О взаимодействии конденсированных фосфатов с ковдорским апатитом при нагревании

Tönsuaadu, 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 термической дегидратации смеси Ca(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub> • H<sub>2</sub>O CMg(H<sub>2</sub>PO<sub>4</sub>)<sub>2</sub> • 2H<sub>2</sub>O с добавками хлорида калия и кремневой кислоты

Pöldme, Meeme; Pöldme, Juta; Tönsuaadu, Kaia; Veiderma, Mihkel Журнал неорганической химии 1981 / с. 58-61 : илл [https://www.estr.ee/record=b1443384\\*est](https://www.estr.ee/record=b1443384*est)

## Особенности апатитового концентрата

Tönsuaadu, Kaia; Pöldme, 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.estr.ee/record=b1264984\\*est](https://www.estr.ee/record=b1264984*est)

**Особенности выделения фтора при фосфорнокислотно-термической переработке природных фосфатов**  
**Pöldme, Meeme; Pöldme, Juta; Einard, Marve; Tõnsuaadu, Kaia** Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 39-43 : ил [https://www.esther.ee/record=b1294037\\*est](https://www.esther.ee/record=b1294037*est)  
<https://digikogu.taltech.ee/et/item/ebe3de55-9448-4002-9aec-7e1ef9c57d96>

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

**Особенности фосфорнокислотно-термической переработки природных фосфатов различных месторождений СССР**  
**Veiderma, Mihkel; Pöldme, Meeme; Pöldme, Juta; Tõnsuaadu, Kaia** Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 3-9 [https://www.esther.ee/record=b1294037\\*est](https://www.esther.ee/record=b1294037*est) <https://digikogu.taltech.ee/et/item/ebe3de55-9448-4002-9aec-7e1ef9c57d96>

**Особенности химизма фосфорнокислотно-термической переработки ковдорского апатитового концентрата**  
**Tõnsuaadu, Kaia; Pöldme, 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.esther.ee/record=b1264984\\*est](https://www.esther.ee/record=b1264984*est)

**Плавкость и фазовый состав продуктов фосфорнокислотно-термической переработки ковдорского апатитового концентрата**  
**Tõnsuaadu, Kaia; Veiderma, Mihkel; Pöldme, 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.esther.ee/record=b1264984\\*est](https://www.esther.ee/record=b1264984*est)

**Применение методов термогравиметрии и термогазотитриметрии для характеристики фосфатного сырья**  
**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Veiderma, Mihkel** Пятая научная конференция по аналитической химии Прибалтийских республик, Белорусской ССР и Калининградской области, Вильнюс, 2-3 октября 1986 г. : тезисы докладов : [в 2-х частях] 1986 / с. 227 [https://www.esther.ee/record=b1528661\\*est](https://www.esther.ee/record=b1528661*est)

**Термические превращения в смесях дигидрофосфата кальция с кремневой кислотой и глауконитом**  
**Tõnsuaadu, Kaia; Veiderma, Mihkel; Peld, Merike** Известия АН Эстонии. Химия 1990 / 3, с. 171-174

**Термические превращения в смесях полифосфата кальция с кальцитом и форстеритом**  
**Tõnsuaadu, Kaia; Veiderma, Mihkel** Известия Академии наук СССР. Неорганические материалы 1987 / с. 303-306 : рис [https://www.esther.ee/record=b1611497\\*est](https://www.esther.ee/record=b1611497*est)

**Термические превращения в смесях полифосфата кальция с карбонатами**  
**Tõnsuaadu, Kaia; Veiderma, Mihkel; Vilbok, Heinrich** Тезисы докладов Всесоюзной конференции "Фосфаты-87" : [22-24 сентября 1987 г.] 1987 / с. 596 [https://www.esther.ee/record=b4415763\\*est](https://www.esther.ee/record=b4415763*est)

**Термические превращения в смесях полифосфата кальция с магнезитом и доломитом**  
**Tõnsuaadu, Kaia; Veiderma, Mihkel** Известия Академии наук СССР. Неорганические материалы 1989 / с. 107-110 : илл [https://www.esther.ee/record=b1611497\\*est](https://www.esther.ee/record=b1611497*est)

**Термические превращения в фосфат-силикатных системах**  
**Veiderma, Mihkel; Tõnsuaadu, Kaia; Peld, Merike** Тезисы докладов Всесоюзного семинара Фосфатные материалы, Апатиты, 1990. Ч. 1 [Б.г.] / с. 13

**Термический анализ  $\text{Ca}(\text{H}_2\text{PO}_4)_2 \cdot \text{H}_2\text{O}$  и  $\text{Mg}(\text{H}_2\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$  в присутствии различные примесей**  
**Pöldme, Meeme; Pöldme, Juta; Tõnsuaadu, Kaia** Тезисы докладов седьмого Всесоюзного совещания. Т. 1 1979 / с. 169-170

**Термический анализ нитрофоски**  
**Viisimaa, Ludmilla; Tõnsuaadu, Kaia** Исследования в области производства удобрений : межвузовский сборник научных трудов 1989 / с. 77-81 : ил [https://www.esther.ee/record=b1980428\\*est](https://www.esther.ee/record=b1980428*est)

**Термический анализ фосфорнокислотно-термической переработки ковдорского апатитового концентрата**  
**Pöldme, Meeme; Tõnsuaadu, Kaia; Trikkel, Andres** Термический анализ : тезисы докладов VIII Всесоюзной конференции 1982 / с. 210-211 [https://www.esther.ee/record=b1652706\\*est](https://www.esther.ee/record=b1652706*est)

**Термотрибохимия на амониев сульфат**  
Петкова, В.; Tõnsuaadu, Kaia; Домбалов, И.; Пеловски, Й.; Петров, Л. Дванадесета научно-технологична сесия Контакт 2003 "Трибология и интердисциплинност" : Трибология 2003 : 30-31 октомври 2003, София 2003 / с. 117-120 : ил

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

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

**Физико-химический анализ процесса кислотнотермической 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.esther.ee/record=b1523281\\*est](https://www.esther.ee/record=b1523281*est)