

## **Abatement of CO<sub>2</sub> emissions in Estonian oil shale-based power production**

**Uibu, Mai** 2008 <https://digi.lib.ttu.ee/1/291> [https://www.ester.ee/record=b2449493\\*est](https://www.ester.ee/record=b2449493*est)

## **Activation and reactivity of Estonian oil shale cyclone ash towards SO<sub>2</sub> binding**

**Kaljuvee, Tiit**; Trass, Olev; **Pihu, Tõnu**; **Konist, Alar**; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2015 / p. 19-28 : ill <https://doi.org/10.1007/s10973-014-4308-z> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Activation and reactivity of oil shale cyclone ash towards SO<sub>2</sub> binding**

**Kaljuvee, Tiit**; Trass, Olev; **Pihu, Tõnu**; **Konist, Alar**; **Kuusik, Rein**, **keemik** ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 14

## **Akadeemik Mihkel Veiderma 80**

**Kuusik, Rein**, **keemik**; **Õpik, Andres** Mente et Manu 2010 / lk. 3 : portr [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

## **Ammooniumnitraadi graanulite modifitseerimine lubjakivijahust katendi abil**

**Klimova, Irina**; **Kaljuvee, Tiit** XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013

## **Anorgaaniliste materjalide teaduslaboratoorium 2002-2014 : bibliograafia = Laboratory of inorganic materials 2002-2014 : bibliography**

2015 [https://www.ester.ee/record=b4480425\\*est](https://www.ester.ee/record=b4480425*est)

## **Applicability of the FB reactor of aspen plus for CFB oxy-fuel combustion of Estonian oil shale : gas and solid hydrodynamics**

**Yörük, Can Rüstü**; Normann, F.; Filip, J.; **Trikkel, Andres**; **Kuusik, Rein**, **keemik** Proceedings of the 22nd International Conference on Fluidized Bed Conversion : Turku, Finland, June 14-17, 2015. Vol. 1 2015 / p. 150-159

## **Application of thermal analyses for historical building ceramics**

Podoba, Rudolf; **Kaljuvee, Tiit**; Štubna, Igor; Podobnik, Luboš Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 291

## **Au ja Ag nanoosakeste saamiseks kasutatavate lähteainete HAuCl<sub>4</sub>·3H<sub>2</sub>O ja AgNO<sub>3</sub> termilise lagunemise uurimine**

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

## **Balti basseini fosforiidid : bibliograafia 1829-1990 = Phosphorites of the Baltic basin = Фосфориты Прибалтийского бассейна**

1992 [https://www.ester.ee/record=b1063135\\*est](https://www.ester.ee/record=b1063135*est)

## **Basics of new utilization processes for oil shale combustion wastes**

**Kuusik, Rein**, **keemik**; **Uibu, Mai**; **Raado, Lembi-Merike**; **Süld, Tiia-Maaja**; **Väizene, Vivika**; Irha, Natalja; Kirsimäe, Kalle; Loide, Valli; Meriste, Tõnis International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 37

## **Behaviour of sulfur compounds during aqueous leaching of oil shale ash**

**Tamm, Kadriann**; **Kuusik, Rein**, **keemik**; **Uibu, Mai**; **Kallas, Juha** Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium 2013 / p. 541-545 : ill

## **Building ceramics with an addition of pulverized combustion fly ash from the thermal power plant Nováky**

Hulan, Tomaš; Medved, Igor; Trnik, Anton; Štubna, Igor; **Kaljuvee, Tiit** AIP conference proceedings 2016 / p. 040009-1 - 040009-7 : ill <https://doi.org/10.1063/1.4955240> Conference Proceedings at Scopus Article at Scopus Article at WOS

## **Carbon capture and fixation using lime-containing wastes : the influence of aqueous phase composition on Ca dissolution from oil shale ash**

**Uibu, Mai**; **Kuusik, Rein**, **keemik** Energy procedia 2013 / p. 5913-5920 : ill <https://doi.org/10.1016/j.egypro.2013.06.517> Conference Proceedings at Scopus Article at Scopus Article at WOS

## **Carbon dioxide binding in the heterogeneous systems formed at combustion of oil shale. 3, Transformations in the system suspension of ash - flue gases**

**Kuusik, Rein**, **keemik**; **Veskimäe, Helgi**; **Uibu, Mai** Oil shale 2002 / p. 277-288 [https://www.ester.ee/record=b1072685\\*est](https://www.ester.ee/record=b1072685*est) [https://artiklid.elnet.ee/record=b1010555\\*est](https://artiklid.elnet.ee/record=b1010555*est)

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

**Bogdanoviciene, Irma**; Ezerskyte-Miseviciene, Akvile; **Traksmäa, 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 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

### **Chemistry of the isocyanides and their multicomponent reactions, including their libraries - the initiatives of Ivar Ugi**

**Veiderma, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / p. 98-102

[https://www.ester.ee/record=b1072099\\*est](https://www.ester.ee/record=b1072099*est)

### **CO<sub>2</sub> mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO<sub>3</sub> production**

**Velts, Olga**; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein**, **keemik** Energy procedia 2013 / p. 5921-5928 : ill

<https://www.sciencedirect.com/science/article/pii/S1876610213007613> <https://doi.org/10.1016/j.egypro.2013.06.518> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **CO<sub>2</sub> mineralisation : production of CaCO<sub>3</sub>-type material in a continuous flow disintegrator-reactor**

**Velts, Olga**; **Kindsigo, Merit**; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein**, **keemik** Energy procedia 2014 / p. 5904-5911 : ill

<https://doi.org/10.1016/j.egypro.2014.11.625> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Composition and properties of oil shale ash concrete**

**Raado, Lembi-Merike**; **Hain, Tiina**; **Liisma, Eneli**; **Kuusik, Rein**, **keemik** Oil shale 2014 / p. 147-160 : ill

[https://artiklid.elnet.ee/record=b2673716\\*est](https://artiklid.elnet.ee/record=b2673716*est) <https://doi.org/10.3176/oil.2014.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Co-utilization of CO<sub>2</sub> and oil shale combustion wastes for production of PCC-type material**

**Velts, Olga**; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein**, **keemik** 12th International Conference on Carbon Dioxide Utilization : ICCDU XII 2013 : June 23-27, 2013, Alexandria, VA, USA, Westin Hotel 2013 / p. 230

### **Crystallization of calcium carbonate on the basis of oil shale waste ash in a continuous flow disintegrator-reactor**

**Velts, Olga**; **Kindsigo, Merit**; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein**, **keemik** ISIC 19 : 19th International Symposium on Industrial Crystallization : book of abstracts : 16-19 September 2014, Toulouse - France 2014 / p. 359-360 : ill

### **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**; **Traksmäa, 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 hydroxy-apatite 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

### **DC conductivity of illitic clay after various firing**

**Kubliha, Marian**; **Trnovcova, Viera**; **Ondruška, Jan**; **Štubna, Igor**; **Bošák, Ondrej**; **Kaljuvee, Tiit**; **Bačík, Peter** Journal of thermal analysis and calorimetry 2016 / p. 81-86 : ill <https://doi.org/10.1007/s10973-015-5129-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of Young's modulus of illitic clay during heating up to 1100 °C**

**Hulan, Tomaš**; **Trník, Anton**; **Štubna, Igor**; **Bačík, Peter**; **Kaljuvee, Tiit**; **Vozar, Libor** Medžiagotyra = Materials science 2015 / p. 429-434 : ill <https://doi.org/10.5755/j01.ms.21.3.7152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Efforts in oil shale ash indirect carbonation accompanied by PCC-type material formation**

**Velts, Olga**; **Uibu, Mai**; **Kallas, Juha**; **Kuusik, Rein**, **keemik** Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium 2013 / p. 341-348 : ill

### **Enhancing the surface charge of BCTMP of aspen with supercritical CO<sub>2</sub> treatment**

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

### **Enhancing the surface charge of BCTMP of aspen with supercritical CO<sub>2</sub> treatment**

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

### **Equilibrium calculations in aqueous carbonation of oil shale waste-sulfur compounds**

**Tamm, Kadriann**; **Uibu, Mai**; **Kallaste, Priit**; **Kuusik, Rein**, **keemik**; **Kallas, Juha** Proceedings of 2nd World Congress on Petrochemistry and Chemical Engineering : October 27-29, 2014, Embassy Suites Las Vegas, USA 2014 / p. 40

### **Equilibriums in aqueous carbonation of oil shale waste**

**Tamm, Kadriann**; **Uibu, Mai**; **Kallaste, Priit**; **Kuusik, Rein**, **keemik**; **Kallas, Juha** TÜ ja TTÜ doktorikool "Funktsionaalsed

materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

### **Estonian calcareous rocks and oil shale ash as sorbents for SO<sub>2</sub>**

**Triikkel, Andres** 2001 [https://www.ester.ee/record=b1578119\\*est](https://www.ester.ee/record=b1578119*est)

### **Experimental and modeling studies of oil shale oxy-fuel combustion**

**Yörük, Can Rüstü**; Meriste, Tõnis International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 22-23

### **Experimental and modeling studies of oil shale oxy-fuel combustion = Põlevkivi hapnikus põletamise eksperimentaalne uurimine ja modelleerimine**

**Yörük, Can Rüstü** 2016 [http://www.ester.ee/record=b4619911\\*est](http://www.ester.ee/record=b4619911*est)

### **Feasibility of carbonation of alkaline waste oil shale ash in the rocking-type autoclave reactor**

**Velts-Jänes, Olga; Uibu, Mai**; Santos, Rafael; Rijnsburger, Keesjan; Knops, Pol; **Kuusik, Rein, keemik** 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 87-94

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

**Bogdanoviciene, Irma**; Cepenko, Marina; **Traksmäa, 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 of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor**

**Bogdanoviciene, Irma**; Cepenko, Marina; **Traksmäa, 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](#)

### **Granulation of oil shale ashes and leachability of granulated products**

**Kaljuvee, Tiit**; Loide, Valli; Einard, Marve; **Jefimova, Jekaterina**; **Kuusik, Rein, keemik** International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 51

### **Heating rate effect on the thermal behaviour of some clays and their mixtures with oil shale ash additives**

**Kaljuvee, Tiit**; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein, keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015

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

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

### **Impact of EDTA and humic 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 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

### **Implementation of the leaching models to estimate oil shale ash disposal and handling processes**

**Tamm, Kadriann; Uibu, Mai; Viires, Regiina; Kallas, Juha; Kuusik, Rein, keemik** International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 45-46

### **In memoriam : Ernst-Eduard Aasamäe : 23.07.1930-23.01.2013. Helgi Veskimäe : 25.12.1937-15.10.2013**

**Veiderma, Mihkel** Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 351-352

### **Influence of some lime-containing additives on the thermal behavior of urea**

**Klimova, Irina; Kaljuvee, Tiit; Mikli, Valdek; Triikkel, Andres** Journal of thermal analysis and calorimetry 2013 / p. 253-258 : ill <https://doi.org/10.1007/s10973-012-2244-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigation of elastic and inelastic properties of Estonian clay from a locality in Kunda during thermal treatment**

Hulan, Tomaš; **Kaljuvee, Tiit**; Štubna, Igor; Trnik, Anton Journal of thermal analysis and calorimetry 2016 / p. 1153-1159 : ill <https://doi.org/10.1007/s10973-016-5280-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigation of limestone powder layering onto ammonium nitrate prills in disc granulator**

**Klimova, Irina; Kaljuvee, Tiit; Kuusik, Rein, keemik** Journal of materials science and engineering A 2014 / p. 151-159 : ill

#### **Joint efforts for utilization of oil shale ash in new areas**

**Kuusik, Rein, keemik; Uibu, Mai;** Kirsimäe, Kalle; Pototski, Aleksander; Meriste, Tõnis International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 52

#### **Kinetics of oil shale thermo-oxidation under oxy-fuel conditions**

**Yörük, Can Rüstü; Meriste, Tõnis; Triikkel, Andres; Kuusik, Rein, keemik** 7th Trondheim Conference on CO2 Capture, Transport and Storage, TCCS-7 : Trondheim, Norway, June 4-6, 2013 : [abstracts] 2013 / [2] p. : ill

#### **Kuhu liigub energiamajandus**

**Veiderma, Mihkel** Postimees 2015 / lk. 12 <https://arvamus.postimees.ee/3274465/mihkel-veiderma-kuhu-liigub-energiamaajandus>

#### **Laboratory scale granulation of oil shale ashes**

**Kaljuvee, Tiit; Hälvin, Herki;** Pototski, Aleksander; **Kuusik, Rein, keemik** 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 2013 / p. 63

#### **Laiem vaade töötajate koondamisele Ida-Virumaal**

**Veiderma, Mihkel** Postimees 2015 / lk. 15 <https://arvamus.postimees.ee/3282021/mihkel-veiderma-laiem-vaade-tootajate-koondamisele-ida-virumaal>

#### **Leaching behaviour of Estonian oil shale ash-based construction mortars**

**Irha, Natalja; Uibu, Mai;** Jefimova, Jekaterina; **Raado, Lembi-Merike; Hain, Tiina; Kuusik, Rein, keemik** Oil shale 2014 / p. 394-411 : ill [https://artiklid.elnet.ee/record=b2704135\\*est](https://artiklid.elnet.ee/record=b2704135*est) <https://doi.org/10.3176/oil.2014.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Leaching of PAHs from agricultural soils treated with oil shale combustion ash : an experimental study**

**Jefimova, Jekaterina;** Adamson, Jasper; Reinik, Janek; Irha, Natalja Environmental science and pollution research 2016 / p. 20862-20870 : ill <https://doi.org/10.1007/s11356-016-7300-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Leaching of polycyclic aromatic hydrocarbons (PAHs) and heavy metals from the oil shale processing wastes and from waste-based products**

**Jefimova, Jekaterina** 2015 [https://www.ester.ee/record=b4474360\\*est](https://www.ester.ee/record=b4474360*est)

#### **Leaching of the water-soluble calcium components of oil shale waste ash = Kaltsiumiühendite leostumine põlevkivituha vesisüsteemides**

**Tamm, Kadriann** 2016 [https://www.ester.ee/record=b4561681\\*est](https://www.ester.ee/record=b4561681*est)

#### **Leaching thermodynamics and kinetics of oil shale waste key components**

**Tamm, Kadriann; Kallaste, Priit; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik** 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 143-153

#### **Leaching thermodynamics and kinetics of oil shale waste key components**

**Tamm, Kadriann; Kallaste, Priit; Uibu, Mai; Kallas, Juha; Velts-Jänes, Olga; Kuusik, Rein, keemik** Oil shale 2016 / p. 80-99 : ill [https://artiklid.elnet.ee/record=b2760706\\*est](https://artiklid.elnet.ee/record=b2760706*est) <https://doi.org/10.3176/oil.2016.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Main physicochemical factors affecting the aqueous carbonation of oil shale ash**

**Uibu, Mai; Kuusik, Rein, keemik** Minerals engineering 2014 / p. 64-70 : ill <https://doi.org/10.1016/j.mineng.2013.10.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Mineral CO2 sequestration by aqueous carbonation of oil shale ash from Estonian power production**

**Uibu, Mai; Kuusik, Rein, keemik** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 66-67 [http://www.ester.ee/record=b4775098\\*est](http://www.ester.ee/record=b4775098*est)

#### **Mineralogical composition and strength formation of oil shale ash based building composites**

**Raado, Lembi-Merike; Hain, Tiina; Somelar, Peeter; Uibu, Mai** International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 58

#### **Modelling continuous process for precipitated calcium carbonate production from oil shale ash**

**Tamm, Kadriann; Uibu, Mai; Kallas, Juha; Kuusik, Rein, keemik** GHGT-13 : 13th International Conference on Greenhouse Gas Control Technologies : November 14th-18th, 2016, SwissTech Convention Center - Lausanne, Switzerland : conference programme 2016 / p. 67

#### **Modification of ammonium nitrate fertilizer = Ammooniumnitraatväetise modifitseerimine**

**Klimova, Irina** 2014 [https://www.ester.ee/record=b4432999\\*est](https://www.ester.ee/record=b4432999*est)



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

**Tõnsuaadu, Kaia**; Gruselle, Michel; Moussa, Jamal; Villemain, 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

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

Alanne, Aino-Liisa; Tuikka, Matti; **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](#)

### **Oil shale ash as a source of calcium for calcium carbonate : process feasibility, mechanism and modeling = Põlevkivituhk kaltsiumkarbonaadi toormena : protsessi teostatavus, mehhanism ja modelleerimine**

**Velts, Olga** 2011

### **Oil shale ash based backfilling concrete - strength development, mineral transformations and leachability**

**Uibu, Mai**; Somelar, Peeter; **Raado, Lembi-Merike**; Irha, Natalja; **Hain, Tiina; Koroljova, Arina; Kuusik, Rein, keemik** Construction and building materials 2016 / p. 620-630 : ill <https://doi.org/10.1016/j.conbuildmat.2015.10.197> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Oil shale ash based stone formation - hydration, hardening dynamics and phase transformations**

**Raado, Lembi-Merike; Kuusik, Rein, keemik; Hain, Tiina; Uibu, Mai; Somelar, Peeter** Oil shale 2014 / p. 91-101 : ill [https://artiklid.elnet.ee/record=b2664060\\*est](https://artiklid.elnet.ee/record=b2664060*est) <https://doi.org/10.3176/oil.2014.1.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Oil shale ashes as dry sorbents for acidic flue gases**

**Triikkel, Andres; Kaljuvee, Tiit; Keelmann, Merli; Kuusik, Rein, keemik** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 92-93 [http://www.ester.ee/record=b4775098\\*est](http://www.ester.ee/record=b4775098*est)

### **Oil shale of Maghreb countries in comparison with Estonian one**

**Siirde, Andres; Veiderma, Mihkel** International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 44

### **Organic and carbon aerogels containing rare-earth metals : their properties and application as catalysts**

**Kreek, Kristiina; Kriis, Kadri; Maaten, Birgit; Uibu, Mai; Mere, Arvo; Kanger, Tõnis; Koel, Mihkel** Journal of non-crystalline solids 2014 / p. 43-48 : ill <https://doi.org/10.1016/j.jnoncrysol.2014.07.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ozonation of p-nitrophenol at different pH values of water and the influence of radicals at acidic conditions**

Kuosa, Markku; **Kallas, Juha**; Häkkinen, Antti Journal of environmental chemical engineering 2015 / p. 325-332 : ill <http://dx.doi.org/10.1016/j.jece.2014.10.015>

### **Oxy-fuel combustion of Estonian oil shale : kinetics and modeling**

**Yörük, Can Rüstü; Meriste, Tõnis; Triikkel, Andres; Kuusik, Rein, keemik** Energy procedia 2016 / p. 124-133 : ill <https://doi.org/10.1016/j.egypro.2016.01.013> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **PAHs in leachates from thermal power plant wastes and ash-based construction materials**

Irha, Natalja; Reinik, Janek; Jefimova, Jekaterina; **Koroljova, Arina; Raado, Lembi-Merike; Hain, Tiina; Uibu, Mai; Kuusik, Rein, keemik** Environmental science and pollution research 2015 / p. 11877-11889 : ill <https://doi.org/10.1007/s11356-015-4459-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Paul Kogermani missioon : [ettekanne 14. okt. 2011 Eesti TA korraldatud akadeemik Paul Kogermani 120.**

**sünniaastapäevale ja akadeemik Ülo Lille 80. sünnipäevale pühendatud seminaril "Orgaaniline-bioorgaaniline süntees"]**  
**Veiderma, Mihkel** Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 226-227

### **Physicochemical factors affecting aqueous carbonation of oil shale ash**

**Uibu, Mai; Kuusik, Rein, keemik** Proceedings of the 4th International Conference on Accelerated Carbonation for Environmental and Materials Engineering : ACEME 2013 : April 9-12, 2013, Leuven, Belgium 2013 / p. 295-304 : ill

### **Pihustuspürolüüsi meetodil sadestatud CuInS<sub>2</sub> kilede lähteainete termiline lagunemine**

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

### **Polarization and depolarization currents in kaolin**

Ondruška, Jan; Štubna, Igor; Trnovcova, Viera; Medved, Igor; **Kaljuvee, Tiit** Applied clay science 2015 / p. 157-160 : ill <https://doi.org/10.1016/j.clay.2015.05.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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

**Prediction of flue gas composition and comparative overall process evaluation for air and oxyfuel combustion of Estonian oil shale, using aspen plus process simulation**

**Yörük, Can Rüstü; Triikkel, Andres; Kuusik, Rein, keemik** Energy & fuels 2016 / p. 5893-5900 : ill

<https://doi.org/10.1021/acs.energyfuels.6b00022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Preparation of metal-doped carbon aerogels from oil shale processing by-products**

**Kreek, Kristiina; Kulp, Maria; Uibu, Mai; Mere, Arvo; Koel, Mihkel** Oil shale 2014 / p. 185-194 : ill

[https://artiklid.elnet.ee/record=b2673721\\*est](https://artiklid.elnet.ee/record=b2673721*est) <https://doi.org/10.3176/oil.2014.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Projekti Global Traps neljas tööseminar : [Marokos 16.-18. märtsil 2012]**

**Kuusik, Rein, keemik** Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 260-263

**Prospects for use of oil shale fly ash as filler in polymeric compounds**

**Viikna, Anti; Süld, Tiia-Maaja; Kuusik, Rein, keemik** International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 77

**Pulsed corona discharge : the role of ozone and hydroxyl radical in aqueous pollutants oxidation**

**Preis, Sergei; Panorel, I.; Kornev, I.; Hatakka, Henry; Kallas, Juha** Water science & technology Water science and technology 2013 / p. 1536-1542 <https://doi.org/10.2166/wst.2013.399>

**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

**Reaction enthalpies of CZTSe synthesis in KI**

**Leinemann, Inga; Kaljuvee, Tiit; Tõnsuaadu, 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; Tõnsuaadu, 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; Tõnsuaadu, 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

**Reducing of carbon dioxide emissions at oil shale ash deposition**

**Pihu, Tõnu; Arro, Hendrik; Konist, Alar; Kuusik, Rein, keemik; Prikk, Arvi; Uibu, Mai** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 49-50

[http://www.ester.ee/record=b4775098\\*est](http://www.ester.ee/record=b4775098*est)

**Release of trace elements from oil shale fly ash of PF and CFB boilers**

**Reinik, Janek; Irha, Natalja; Jefimova, Jekaterina; Steinnes, Eiliv** International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 25

**Research on historical bricks from a baroque church**

**Podoba, Rudolf; Kaljuvee, Tiit; Štubna, Igor; Podobnik, Luboš; Bačik, Peter** Journal of thermal analysis and calorimetry 2014 / p. 591-595 : ill <https://doi.org/10.1007/s10973-013-3417-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A review of mineral carbonation technologies to sequester CO<sub>2</sub>**

**Sanna, Aimaro; Uibu, Mai; Caramanna, Giorgio; Kuusik, Rein, keemik; Maroto-Valer, M. Mercedes** Chemical Society reviews 2014 / p. 8049-8080 : ill <https://doi.org/10.1039/C4CS00035H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Role of defects in the physiological fate of carbon nanomaterials**

**Käkinen, Aleksandr; Kuusik, Rein, keemik** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts

2014, Tartu 2014 / [1] p

#### **Saateks = Foreword**

**Kuusik, Rein, keemik** Anorgaaniliste materjalide teaduslaboratoorium 2002-2014 : bibliograafia = Laboratory of inorganic materials 2002-2014 : bibliography 2015 / lk. 7-14 [https://www.ester.ee/record=b4480425\\*est](https://www.ester.ee/record=b4480425*est)

#### **Simplified model of oxy-combustion for Estonian oil shale**

**Yörük, Can Rüstü; Triikkel, Andres; Uibu, Mai; Kuusik, Rein, keemik** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

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

**Bogdanoviciene, Irma; Cepenکو, 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

#### **Some features of calcium ammonium nitrate fertilizer**

**Klimova, Irina; Kaljuvee, Tiit** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

#### **Some possibilities of granulation of oil shale ashes**

**Kaljuvee, Tiit; Hälvin, Herki; Loide, Valli; Kuusik, Rein, keemik** International oil shale symposium : Tallinn, Estonia, June 10-13, 2013 2013 / p. 73-74

#### **Strength development and leachability of oil shale ash based backfilling concrete**

**Uibu, Mai; Somelar, Peeter; Raado, Lembi-Merike; Irha, Natalja; Kuusik, Rein, keemik** International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 46-47

#### **Strong and chemically inert sinter crystallised glass ceramics based on Estonian oil shale ash**

Maragoni, Mauro; Ponsot, I.; **Kuusik, Rein, keemik; Bernardo, E.** Advances in applied ceramics 2014 / p. 120-128 : ill <https://doi.org/10.1179/1743676113Y.0000000132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

#### **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 biomimic 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

#### **Tagasivaade eluteele**

**Veiderma, Mihkel** 2009 [https://www.ester.ee/record=b2517066\\*est](https://www.ester.ee/record=b2517066*est)

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

**Bogdanoviciene, Irma; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Traksmäa, 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

**TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions**

Meriste, Tõnis; Yörük, Can Rüstü; Trikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2013 / p. 483-489 : ill <https://doi.org/10.1007/s10973-013-3063-x> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**TG-FTIR/MS analysis of thermal and kinetic characteristics of some coal samples**

Kaljuvee, Tiit; Keelman, Merli; Trikkel, Andres; Petkova, Vilma Journal of thermal analysis and calorimetry 2013 / p. 1063-1071 : ill <https://doi.org/10.1007/s10973-013-2957-y> Journal metrics at Scopus Article at Scopus journal metrics at WOS Article at WOS

**The enrichment behavior of natural radionuclides in pulverized oil shale-fired power plants**

Vaasma, Taavi; Kiisk, Madis; Meriste, Tõnis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2014 / p. 427-433 : ill <https://doi.org/10.1016/j.jenvrad.2014.02.027> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**The enrichment of natural radionuclides in oil shale-fired power plants in Estonia - The impact of new circulating fluidized bed technology**

Vaasma, Taavi; Kiisk, Madis; Meriste, Tõnis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2014 / p. 133-139 : ill <https://doi.org/10.1016/j.jenvrad.2014.01.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**The European Union takes an interest to oil shale**

Siirde, Andres; Veiderma, Mihkel International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 26-27 [http://www.ester.ee/record=b4775098\\*est](http://www.ester.ee/record=b4775098*est)

**The role of physico-chemical properties and test environment on biological effects of copper and silver nanoparticles = Vase ja hõbeda nanoosakeste füüsikalise-keemiliste omaduste ja testikeskkonna mõju nende bioloogilisele toimele**  
Käkinen, Aleksandr 2014 [https://www.ester.ee/record=b3078755\\*est](https://www.ester.ee/record=b3078755*est)

**The scaling and regeneration of the ceramic filter medium used in the dewatering of a magnetite concentrate**

Salmimies, Riina; Kallas, Juha International journal of mineral processing 2013 / p. 21-26 : ill <https://doi.org/10.1016/j.minpro.2012.12.006> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**The solubility of two magnetite powders in oxalic acid : applicability of empirical modelling**

Salmimies, Riina; Huhtanen, Mikko; Kallas, Juha; Häkkinen, Antti Journal of powder technology 2013 / p. 1-7 : ill

**The study of firing the ceramic body made from illite and fluidized combustion fly ash**

Hulan, Tomaš; Trnik, Anton; Kaljuvee, Tiit; Štubna, Igor; Kallavus, Urve; Traksmäa, Rainer 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 89

**The sulfur intermediate oxidation forms in oil shale ash suspension**

Tamm, Kadriann; Kuusik, Rein, keemik; Uibu, Mai; Kallas, Juha; Priks, Hans TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p

**Thermal analysis of oxy-combustion of Estonian oil shale : kinetics of process stages**

Trikkel, Andres; Meriste, Tõnis; Yörük, Can Rüstü; Kuusik, Rein, keemik 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 59

**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 and kinetic characteristics of some oil shale samples**

Kaljuvee, Tiit; Kuusik, Rein, keemik; Petkova, Vilma Thermophysics and mass transfer in materials science and construction 2015 / p. 67-74 <http://dx.doi.org/10.4028/www.scientific.net/AMR.1126.67>

**Thermal behavior of some Estonian clays and their mixtures with oil shale ash additives**

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; Mikli, Valdek; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2014 / p. 891-899 : ill <https://doi.org/10.1007/s10973-014-3797-0> 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; Krunk, 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 behaviour of some Estonian clays and their mixtures with oil shale ash additives**

**Kaljuvee, Tiit**; Štubna, Igor; Somelar, Peeter; **Mikli, Valdek**; **Kuusik, Rein**, **keemik** Book of abstracts : 2nd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 27-30 August 2013, Vilnius, Lithuania 2013 / p. 231

#### **Thermal decomposition study of H<sub>2</sub>AuCl<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 H<sub>2</sub>AuCl<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](#)

#### **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 2015 / p. 177-185 : ill <https://doi.org/10.1007/s10973-015-4580-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Thermochemical characterization of chicken litter and peat as a source for energy recovery**

Petkova, Vilma; Serafimova, Ekaterina; **Kaljuvee, Tiit**; Pelovsky, Yoncho Journal of thermal analysis and calorimetry 2013 / p. 683-692 : ill <https://doi.org/10.1007/s10973-012-2771-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Thermodynamic and kinetic study of CaS in aqueous systems**

**Tamm, Kadriann**; **Uibu, Mai**; **Kallas, Juha**; **Kallaste, Priit**; **Velts-Jänes, Olga**; **Kuusik, Rein**, **keemik** Fuel processing technology 2016 / p. 242-249 : ill <https://doi.org/10.1016/j.fuproc.2015.10.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Thermo-oxidation characteristics of oil shale and oil shale char under oxy-fuel combustion conditions**

**Yörük, Can Rüstü**; **Meriste, Tõnis**; **Trikkel, Andres**; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2015 / p. 509-516 : ill <https://doi.org/10.1007/s10973-015-4484-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Thermo-oxidation characteristics of oil shale and oil shale char under oxy-fuel combustion conditions**

**Yörük, Can Rüstü**; **Meriste, Tõnis**; **Trikkel, Andres**; **Kuusik, Rein**, **keemik** ESTAC-11 : the 11th European Symposium on Thermal Analysis and Calorimetry : Dipoli Congress Center, Espoo, Finland, August 17-21, 2014 : abstracts 2014 / p. 102

#### **Transformations of sulfides during aqueous carbonation of oil shale ash**

**Tamm, Kadriann**; **Kuusik, Rein**, **keemik**; **Uibu, Mai**; **Kallas, Juha** GHGT-11 Proceedings of the 11th International Conference on Greenhouse Gas Control Technologies, 18-22 November 2012, Kyoto, Japan 2013 / p. 5905-5912 : ill <https://doi.org/10.1016/j.egypro.2013.06.516> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Tsüaniidide keemia rajaja Ivar Ugi**

**Veiderma, Mihkel** Eesti teadlased paguluses : [artiklikogumik] 2009 / lk. 267-268 [https://www.ester.ee/record=b2506866\\*est](https://www.ester.ee/record=b2506866*est)

#### **Upgrading the crush strenght of ammonium nitrate prills by coating with limestone or dolomite powder**

**Klimova, Irina**; **Mikli, Valdek**; **Kaljuvee, Tiit** 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 2013 / p. 102

#### **Utilization of granulated oil shale ashes for neutralizing of acidic soils**

**Kaljuvee, Tiit**; **Loide, Valli**; **Einard, Marve**; **Kuusik, Rein**, **keemik** 3rd International Congress on Water, Waste and Energy Management : Rome, Italy, July 18-20, 2016 : abstracts book 2016 / [4] p. : ill

#### **Utilization of oil shale ash as a concrete constituent and carbon sink**

**Uibu, Mai**; **Somelar, Peeter**; **Raado, Lembi-Merike**; **Irha, Natalja**; **Koroljova, Arina**; **Kuusik, Rein**, **keemik** 5th International Conference on Accelerated Carbonation for Environmental and Material Engineering 2015 : New York, New York, USA, 21-24 June 2015 2015 / p. 120-129 : ill

#### **Utilization of oil shale combustion wastes for PCC production : quantifying the kinetics of Ca(OH)<sub>2</sub> and CaSO<sub>4</sub>·2H<sub>2</sub>O dissolution in aqueous systems**

**Uibu, Mai**; **Tamm, Kadriann**; **Velts-Jänes, Olga**; **Kallaste, Priit**; **Kuusik, Rein**, **keemik**; **Kallas, Juha** Fuel processing technology 2015 / p. 156-164 : ill <https://doi.org/10.1016/j.fuproc.2015.09.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Utilization of oil shale semi-coke - state of art and prospects**

**Kuusik, Rein, keemik**; Kana, Aadu; Karp, Kadri; **Martins, Ants**; **Pihu, Tõnu**; Tenno, Toomas; **Trikkel, Andres** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 43-44  
[http://www.ester.ee/record=b4775098\\*est](http://www.ester.ee/record=b4775098*est)

#### **50 aastat tõhusat teadust**

**Kuusik, Rein, keemik** Mente et Manu 2015 / lk. 12-13 : fot [https://artiklid.elnet.ee/record=b2738542\\*est](https://artiklid.elnet.ee/record=b2738542*est)

#### **Väävliühendid põlevkivituha märgkarboniseerimisel**

**Tamm, Kadriann**; **Uibu, Mai**; **Kuusik, Rein, keemik**; **Kallas, Juha** XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 78