

Abatement of CO₂ emissions in Estonian oil shale-based power production

Uibu, Mai 2008 <https://digi.lib.ttu.ee//?291> https://www.ester.ee/record=b2449493*est

Activation and reactivity of Estonian oil shale cyclone ash towards SO₂ binding

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

Activation and reactivity of oil shale cyclone ash towards SO₂ 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

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

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 HAuCl₄·3H₂O ja AgNO₃ 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

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 <http://dx.doi.org/10.1063/1.4955240>

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

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://artiklid.elnet.ee/record=b1010555*est

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

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

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

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

CO2 mineralisation : concept for co-utilization of oil shale energetics waste streams in CaCO₃ 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>

CO2 mineralisation : production of CaCO₃-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

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

Co-utilization of CO₂ 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

Cu₂ZnSnSe₄ 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; Altsaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2014 / p. 1313-1321 : ill

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; Bošak, Ondrej; **Kaljuvee, Tiit**; Bačik, Peter Journal of thermal analysis and calorimetry 2016 / p. 81-86 : ill <http://dx.doi.org/10.1007/s10973-015-5129-4>

Development of Young's modulus of illitic clay during heating up to 1100 °C
Hulan, Tomaš; Trnik, Anton; Štubna, Igor; Bačik, Peter; **Kaljuvee, Tiit**; Vozar, Libor Medžiagotyra = Materials science 2015 / p. 429-434 : ill <http://dx.doi.org/10.5755/j01.ms.21.3.7152>

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 CO₂ treatment
Kärner, Kärt; Talviste, Rasmus; Viipsi, Karin; Kallavus, Urve Baltic Polymer Symposium 2013 : Trakai, Lithuania, September 18-21, 2013 : programme [and abstracts] 2013 / p. 87 : ill

Enhancing the surface charge of BCTMP of aspen with supercritical CO₂ treatment
Kärner, Kärt; Talviste, Rasmus; Viipsi, Karin; Kallavus, Urve TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p. : ill

Equilibrium calculations in aqueous carbonation of oil shale waste-sulfur compounds
Tamm, Kadriann; Uibu, Mai; Kallaste, Prit; 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, Prit; 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 SO₂
Triikkel, Andres 2001 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

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 / p. 87-94

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

Bogdanoviciene, Irma; Cepenka, 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 of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor

Bogdanoviciene, Irma; Cepenka, Marina; **Traksmaa, Rainer;** Kareiva, Aivaras; **Tõnsuaadu, Kaia** Journal of Thermal Analysis and Calorimetry 2015 / p. 107-114 : ill <http://dx.doi.org/10.1007/s10973-015-4507-2>

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

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 / [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; Trikkel, Andres Journal of thermal analysis and calorimetry 2013 / p. 253-258 : ill

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 <http://dx.doi.org/10.1007/s10973-016-5280-6>

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 / p. 52

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

Yörük, Can Rüstü; Meriste, Tõnis; Trikkel, 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

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 <http://dx.doi.org/10.1007/s11356-016-7300-2>

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

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

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

Main physicochemical factors affecting the aqueous carbonation of oil shale ash

Uibu, Mai; Kuusik, Rein, keemik Minerals engineering 2014 / p. 64-70 : ill

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

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

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

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>

Oil shale ash as a source of calcium for calcium carbonate : process feasibility, mechanism and modeling = Põlevkivituhk kaltsiumkarbonaadi toomena : 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 <http://dx.doi.org/10.1016/j.conbuildmat.2015.10.197>

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

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

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

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
<http://dx.doi.org/10.1016/j.egypro.2016.01.013>

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

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 CuInS₂ 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
<http://dx.doi.org/10.1016/j.clay.2015.05.022>

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
<http://dx.doi.org/10.1021/acs.energyfuels.6b00022>

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

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 /

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 <http://dx.doi.org/10.1007/s10973-016-5447-1>

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 Cu₂ZnSnSe₄ 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 <http://dx.doi.org/10.1007/s10973-014-4339-5>

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

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

A review of mineral carbonation technologies to sequester CO₂

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>

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

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; **Cепенko, 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 / 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 : August 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 / 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

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

Substituted apatites as sorbents for heavy metals

Peld, Merike 2005 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

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

TA-MS and FTIR study of Mg²⁺ 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

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

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

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

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 toimel

Käkinen, Aleksandr 2014 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

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**; **Traksmaa, 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

Thermal behaviour of precursors for CuInS₂ 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

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 H₂AuCl₄·3H₂O and AgNO₃ 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 H₂AuCl₄·3H₂O and AgNO₃ 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

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 <http://dx.doi.org/10.1007/s10973-015-4580-6>

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

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 <http://dx.doi.org/10.1016/j.fuproc.2015.10.029>

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 <http://dx.doi.org/10.1007/s10973-015-4484-5>

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 Energy procedia 2013 / p. 5905-5912 : ill

Tsüaniidide keemia rajaja Ivar Ugi

Veiderma, Mihkel Eesti teadlased paguluses : [artiklikogumik] 2009 / lk. 267-268 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 $\text{Ca}(\text{OH})_2$ and $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ 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 <http://dx.doi.org/10.1016/j.fuproc.2015.09.010>

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

Kuusik, Rein, keemik; Kana, Aadu; Karp, Kadri; Martins, Ants; Pihu, Tõnu; Tenno, Toomas; Triikkel, 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

50 aastat tõhusat teadust

Kuusik, Rein, keemik Mente et Manu 2015 / lk. 12-13 : fot 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