

Acoustic emission of Estonian clay Arumetsa during firing

Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit** THERMOPHYSICS 2018: 23rd International Meeting of Thermophysics 2018 : Smolenice, Slovakia, 7–9 November 2018 / art. 020016, [6] p <https://doi.org/10.1063/1.5047610> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Activated oil shale ashes as sorbents for SO₂ removal from flue gases

Triikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik; Maarend, Jaak 9th Regional (Central European) Conference IUAPPA and 3rd International Conference on Environmental Impact Assessment, Prague 1996 : up-to-date experiences and tasks of the transformation period : Czech Republic, September 23-26, 1996 : proceedings. Vol. 2 1996 / p. 306-310: ill

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

Activation of oil shale ashes for sulfur capture

Trass, Olev; **Kuusik, Rein, keemik; Kaljuvee, Tiit** Oil shale 2018 / p. 375-385 : ill http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-375-385.pdf <https://doi.org/10.3176/oil.2018.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ammooniumnitraadi graanulite modifitseerimine lubjakivijahust katendi abil

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

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 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

Application of thermal analysis techniques for studying the possibilities of utilization of oil shale ashes formed at electricity production in Estonia

Kaljuvee, Tiit; Uibu, Mai; Einard, Marve; Yörük, Can Rüstü; Triikkel, Andres; Kuusik, Rein, keemik 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 47 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

Assessing the frost resistance of illite-based ceramics through the resonant frequency of free vibration and internal damping

Hulan, Tomaš; Knapek, Michal; Minarik, Peter; Csaki, Štefan; **Kaljuvee, Tiit; Uibu, Mai** AIP conference proceedings 2017 / art. 040015, p. 1-7 <https://doi.org/10.1063/1.4994495>

Behavior of sulfur compounds at thermooxydation of fuel mixtures containing oil shale semi-coke

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Maljukova, Natalja First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 55-56

Behavior of sulphur compounds at combustion of oil shale semicoke

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres; Maljukova, Natalja Oil shale 2003 / 2, p. 113-125 : ill

Behaviour of magnesium compounds at sulphation of lime-containing sorbents

Kaljuvee, Tiit; Kuusik, Rein, keemik; Uibu, Mai Sixth International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : 1-4 September 2003, Prague, Czech Republic : symposium program 2003 / p. 191

Behaviour of magnesium compounds at sulphation of lime-containing sorbents [Electronic resource]

Kaljuvee, Tiit; Kuusik, Rein, keemik; Uibu, Mai VI International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : Prague, Czech Republic, 1-4 Sept. 2003 : proceedings 2004 / [5] p. [CD-ROM]

Binding of acidic gaseous compounds into the solid phase during combustion of oil shale

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres; Bender, Villem 8th European Conference on Solid State Chemistry and satellite meetings Functional Perovskite - Related Oxides [and] Hydrogen Storage Materials : Oslo, July 2001 2001 / p. P110

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 dioxide binding in the heterogeneous systems formed at combustion of oil shale. 4, Reactivity of ashes towards acid gases in the system fly ash-flue gases

Kaljuvee, Tiit; Kuusik, Rein, keemik; Radin, Maia; Bender, Villem Oil shale 2004 / 1, p. 13-26 : ill

Carbon dioxide binding in the heterogeneous systems formed by combustion of oil shale. 1, Carbon dioxide binding at oil shale ash deposits

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit; Parts, O. Oil shale 2001 / p. 109-122

https://www.eester.ee/record=b1072685*est

Changes in curing behaviour of aminoresins during storage

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis Journal of thermal analysis and calorimetry 2005 / p. 123-130 : ill

<https://link.springer.com/article/10.1007/s10973-005-0623-8>

Changes in curing behaviour of aminoresins during storage

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis 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. 85

<https://link.springer.com/article/10.1007/s10973-005-0623-8>

Changes in phosphorite composition and properties during mechanical activation

Petkova, Vilma; **Tõnsuaadu, Kaia; Kaljuvee, Tiit; Traksmäa, 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 phosphorite composition and properties during mechanical activation

Tõnsuaadu, Kaia; Kaljuvee, Tiit; Petkova, Vilma; Traksmäa, 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 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

Changes in thermal behaviour of aminoresins at storage

Siimer, Kadri; Süld, Tiia-Maaja; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis Program & abstracts of the 27th Annual Meeting of The Polymer Processing Society - PPS-27 : Marrakech, Morocco, May 10-14, 2011 2011 / p. P-13-1250

CO2 and SO2 rebinding by oil shale ashes : effect of pre-treatment on binding kinetics

Trikkel, Andres; Keelmann, Merli; Kaljuvee, Tiit; Kuusik, Rein, keemik MEDICTA 2009 : 9th Mediterranean Conference on Calorimetry and Thermal Analysis : June 15-18, 2009, Marseille, France : book of abstracts 2009 / p. 116

CO2 and SO2 uptake by oil shale ashes : effect of pre-treatment on kinetics

Trikkel, Andres; Keelmann, Merli; Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2010 / 3, p. 763-769

CO2 mineralization by burnt oil shale and cement by pass dust effect of operating temperature and pre-treatment

Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Kaljuvee, Tiit; Trikkel, Andres GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 87 <http://fmttk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

CO2 mineralization by burnt oil shale and cement bypass dust : effect of operating temperature and pre-treatment

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Trikkel, Andres Journal of thermal analysis and calorimetry 2020 / p. 991-999 : ill <https://doi.org/10.1007/s10973-020-09349-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CO2 mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Trikkel, Andres 2nd Journal of Thermal Analysis and Calorimetry Conference, Budapest, June 18-21, 2019 : book of abstracts 2019 / p. 501 <https://jtac-jtacc.akcongress.com/>

Coating of ammonium nitrate prills with limestone and dolomite powders

Klimova, Irina; Trubatsenko, Marina; Kaljuvee, Tiit; Mikli, Valdek WCPT6 2010 : World Student Congress on Particle Technology :

Comparative reactivity of some calcareous rocks as sorbents towards sulphur dioxide

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / 4, lk. 146-156: ill

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

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

Comparison of copper zinc tin selenide formation in molten potassium iodide and sodium iodide as flux materials

Leinemann, Inga; Raudoja, Jaan; Grossberg, Maarja; Traksmaa, Rainer; Kaljuvee, Tiit; Altosaar, Mare; Meissner, Dieter
Conference proceedings of the Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, 27-28 May, 2010 2011 / [8] p
https://www.researchgate.net/publication/284715158_COMPARISON_OF_COPPER_ZINC_TIN_SELENIDE_FORMATION_IN_MOLTEN_POTASSIUM_IODIDE_AND_SODIUM_IODIDE_AS_FLUX_MATERIALS

Comparison of dehydration in kaolin and illite using DC conductivity measurements

Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štuba, Igor; Bošák, Ondrej; **Kaljuvee, Tiit** Applied clay science 2017 / p. 8-12 : ill
<https://doi.org/10.1016/j.clay.2017.08.012>

Correction to: CO₂ mineralization by burnt oil shale and cement bypass dust: effect of operating temperature and pre-treatment (Journal of Thermal Analysis and Calorimetry, (2020), 142, 2, (991-999), 10.1007/s10973-020-09349-9)

Yörük, Can Rüstü; Uibu, Mai; Usta, Mustafa Cem; Kaljuvee, Tiit; Triikkel, Andres Journal of Thermal Analysis and Calorimetry 2020 / p. 1001 <https://doi.org/10.1007/s10973-020-09973-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CZTS (Cu₂ZnSnSe₄) crystal growth for use in monograin membrane solar cells

Klavina, Inga; Raudoja, Jaan; Altosaar, Mare; Mellikov, Enn; Meissner, Dieter; Kaljuvee, Tiit Conference proceedings of the Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, 27-28 May, 2010 2010 / p. VII 345 - VII 353

Cu₂ZnSnSe₄ 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

Cure-accelerated phenol-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre Kemian Päivat = Kemidagarna = Finnish Chemical Congress : 27.-29.3.2007 : abstraktid = abstracts 2007 / p. 38

Curing behaviour of melamine-urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Lasn, Ilmar Proceedings of Baltic Polymer Symposium 2003 : Jūrmala, September 17-19, 2003 2003 / p. 57-63 : ill

Curing behaviour of resol phenol-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre Baltic Polymer Symposium 2007 : Druskininkai, Lithuania, September 19-21, 2007 : programme and book of abstracts 2007 / p. 131

Curing behaviour of urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep Proceedings of Baltic Polymer Symposium 2001 : Oct. 11-12 in Tallinn 2001 / p. 270-275 : ill

Curing behaviour of urea-formaldehyde resins on a wood substrate

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Lasn, Ilmar Proceedings of Baltic Polymer Symposium 2002, Nida, September 18-20, 2002 2002 / p. 79-84 : ill

Curing behaviour of urea-modified phenol-formaldehyde resin

Siimer, Kadri; Süld, Tiia-Maaja; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis Book of abstracts of the Polymer Processing Society 9th Annual Meeting PPS-09 : Larnaca, Cyprus, October 18-21, 2009 2009 / p. P-190

Curing characteristics of urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep Nordiska Polymerdagarna 13-15 juni 2001 2001 / p. 273

Curing of urea-formaldehyde resins on a wood substrate

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Lasn, Ilmar Journal of thermal analysis and calorimetry 2006 / 1, MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : July 2-6, 2005, Thessaloniki, Greece, p. 71-77 : ill

DC conductivity of illitic clay after various firing

Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štubna, Igor; Bošak, Ondrej; **Kaljuvee, Tiit**; Bačík, Peter Journal of thermal analysis and calorimetry 2016 / p. 81-86 : ill <http://dx.doi.org/10.1007/s10973-015-5129-4>

Decarbonization of natural limecontaining materials and reactivity of calcinated products towards SO₂ and CO₂

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik Programme and abstract book of 12th International Congress on Thermal Analysis and Calorimetry : August 14-18, 2000, Copenhagen, Denmark 2000 / p. 344

Decarbonization of natural lime-containing materials and reactivity of calcined products towards SO₂ and CO₂

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik 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. 1229-1240 : ill

Desulphurization of flue gases by oil shale ash

Kaljuvee, Tiit; Kuusik, Rein, keemik Oil shale 1993 / 1, p. 33-43

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 <http://dx.doi.org/10.5755/j01.ms.21.3.7152>

Distribution of the components of phosphorites by thermoseparational enrichment

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit Tallinna Tehnikaülikooli Toimetised 1994 / lk. 28-38: ill

Dry desulphurization of flue gases by Estonian lime-containing materials

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Maarend, Jaak; Roundyguine, Juri Proceedings of the 10th World Clean Air Congress, held at Espoo, Finland, May 28 - June 2, 1995. Vol. 1, Emissions and control 1995 / p. 037 [4 p.]: ill

Dry desulphurization of the flue gases at oil shale thermal power plants

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi Second International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 20-23, 1994, Budapest, Hungary : symposium program [and abstracts] 1994 / p. 149

Eesti Elektri jaama ringleva keevkihiga koldes tekkivad põlevkivituhad SO₂ sorbendina

Toom, Merli; **Kaljuvee, Tiit; Kuusik, Rein, keemik** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 113-114

Eesti Elektri jaama tuhade vääveldioksiidi sidujana

Kulp, Igor; Kaljuvee, Tiit; Kuusik, Rein, keemik XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 60-61

Eesti karbamiidvaigud

Siimer, Kadri; Saks, Imre; Christjanson, Peep; Pehk, Tõnis; Suurpere, Aime; Kaljuvee, Tiit XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 101-102

Eesti lubjakivid ja dolomiidid happeliste ühendite sorbentidena

Kaljuvee, Tiit; Kulp, Igor; Kuusik, Rein, keemik XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 51-52

Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 165

Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resol resin

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre Journal of thermal analysis and calorimetry 2008 / 2, p. 365-373 : ill

Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resol resin

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre Journal of thermal analysis and calorimetry 2007 / [9] p. : ill

Effect of wood substrate on curing urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Lasn, Ilmar Finnish Chemical Congress and Exhibition Kemia-2002, Helsinki, 12-14.11.2002 : abstracts 2002 / p. 33

Electric properties of anorthite ceramics prepared from illitic clay and oil shale ash

Csaki, Štefan; Štubna, Igor; **Kaljuvee, Tiit**; Dobron, Patrik; Lukač, František; Trník, Anton Journal of materials research and

Electroreduction of oxygen on carbide-derived carbon supported Pd catalysts

Lüsi, Madis; Erikson, Heiki; Sarapuu, Ave; Merisalu, Mado; Rähn, Mihkel; Treshchalov, Alexey; Paiste, Päärn; Käärik, Maike; Leis, Jaan; Sammelselg, Väino; **Kaljuvee, Tiit**; Tammeveski, Kaido GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 57 : ill <https://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf> <https://doi.org/10.1002/celc.201902136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emission of sulphur dioxide by thermooxidation of Estonian oil shale and coal

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 3, p. 199-208: ill

Emission of sulphur dioxide during thermal treatment of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 1999 / p. 1243-1251: ill

Enrichment of carbonate-phosphate ores by calcination and air separation

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel International journal of mineral processing 1995 / p. 113-121

Estonian dolomites : occurrence, resources, characterisation and new prospects for application

Triikkel, Andres; Kaljuvee, Tiit; Soesoo, Alvar; Kuusik, Rein, keemik Horizons in earth science research. Volume 7 2012 / p. 147-195

Estonian lime containing materials as sorbents for SO₂ removal

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Veskimäe, Helgi Kemia 93 : Finnish Chemical Congress and Exhibition, Helsinki, 2.-4. nov. 1993 : abstracts 1993 / p. 20-21

Evolved gas analysis at thermal treatment of oil shales by TG-FTIR

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Proceedings of International conference on oil shale "Recent Trends in Oil Shale" : Amman, Jordan, 7-9.November 2006 2006 / [10] p

Evolved gas analysis at thermal treatment of some solid fossil fuels

Kaljuvee, Tiit; Radin, Maia; Astahhov, D.; Pelovski, Y. MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : 2-6 July 2005, Thessaloniki, Greece : book of abstracts 2005 / p. 236

Evolved gas analysis at thermal treatment of some solid fossil fuels

Kaljuvee, Tiit; Radin, Maia; Astahhov, D.; Pelovski, Y. Journal of thermal analysis and calorimetry 2006 / 1, MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : July 2-6, 2005, Thessaloniki, Greece, p. 59-66 : ill

Flue gas desulphurization at oil shale fired plants

Kuusik, Rein, keemik; Rundögin, J.; Kaljuvee, Tiit; Alfimov, G.; Jegorov, D.; Maarend, Jaak 4th International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, Warsaw, Poland, Sept. 15-17, 1998 : symposium program 1998 / p. 136

Flue gas desulphurization at oil shale fired plants

Kuusik, Rein, keemik; Triikkel, Andres; Rundögin, J.; Kaljuvee, Tiit; Alfimov, G.; Jegorov, D.; Maarend, Jaak Fourth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe : Warsaw, Poland, Sept. 15-17, 1998 : symposium proceedings 1999 / Paper no. 272, 7 p. [CD-ROM]

Fluidized bed combustion of oil shale retorting solid waste

Martins, Ants; Pesur, A.; Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Pihu, Tõnu; Prikk, Arvi; Arro, Hendrik Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 49

Fluidized-bed combustion of oil shale retorting solid waste

Kuusik, Rein, keemik; Martins, Ants; Pihu, Tõnu; Pesur, A.; Kaljuvee, Tiit; Prikk, Arvi; Triikkel, Andres; Arro, Hendrik Oil shale 2004 / 3, p. 237-248 : ill

Foreford

Kaljuvee, Tiit Proceedings of the Estonian Academy of Sciences. Chemistry 2000 / 1, p. 3-4

Formation and binding of sulphur dioxide by combustion of Estonian oil shale

Kuusik, Rein, keemik; Arro, Hendrik; Kaljuvee, Tiit; Prikk, Arvi Circulating Fluidized Bed Technology. VI : proceedings of the 6th International Conference on Circulating Fluidized Beds : Würzburg, Germany, August 22-27, 1999 1999 / p. 627-632

Formation of copper zinc tin sulfide in cadmium iodide for monograin membrane solar cells

Nkwusi, Godswill; **Leinemann, Inga; Grossberg, Maarja; Kaljuvee, Tiit; Traksmäa, Rainer; Altosaar, Mare; Meissner, Dieter** Conference proceedings of the Conference of Young Scientists on Energy Issues : CYSENI 2012 : May 24–25, Kaunas, Lithuania 2012 / p. II 38-II 46 : ill
https://www.researchgate.net/publication/274889568_FORMATION_OF_COPPER_ZINC_TIN_SULFIDE_IN_CADMIUM_IODIDE_FOR_MONOGRANULAR_MEMBRANE_SOLAR_CELLS

Formation of volatile organic compounds at thermooxidation of solid fossil fuels

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Oil shale 2007 / 2, p. 117-133 : ill

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

Granulation of oil shale ashes and the potentiality of use the product in agriculture

Hälvin, Herki; Kaljuvee, Tiit; Kuusik, Rein, keemik The Twenty-Seventh International Conference on Solid Waste Technology and Management : Philadelphia, PA U.S.A, March 11-14, 2012 : presentation abstracts 2012 / p. P2

Granulation of oil shale ashes and the potentiality of use the product in agriculture

Hälvin, Herki; Kaljuvee, Tiit; Kuusik, Rein, keemik Proceedings of the 27th International Conference on Solid Waste Technology and Management : March 11-14, 2012, Philadelphia, PA U.S.A 2012 / p. 1201-1209 : ill

Granulation of oil shale ashes for neutralizing of acidic soils

Kaljuvee, Tiit; Jefimova, Jekaterina; Loide, Valli; Uibu, Mai; Einard, Marve; Kuusik, Rein, keemik International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 16-17 http://www.ester.ee/record=b4751282*est

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

Heating rate effect on the thermal behavior of ammonium nitrate and its blends with limestone and dolomite

Kaljuvee, Tiit; Rudjak, Irina; Edro, Evelin; Trikkel, Andres Journal of thermal analysis and calorimetry 2009 / p. 215-221 : ill
<https://akjournals.com/view/journals/10973/97/1/article-p215.xml>

Heating rate effect on the thermal behavior of some clays and their blends with oil shale ash additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2017 / p. 33-45 : ill
<https://doi.org/10.1007/s10973-016-5347-4>

Heating rate effect on the thermal behaviour of ammonium nitrate and its blends with limestone and dolomite

Kaljuvee, Tiit; Edro, Evelin; Trikkel, Andres 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. H-02 [CD-ROM]

High temperature adsorption of sulphur dioxide

Kaljuvee, Tiit; Kuusik, Rein, keemik; Vilbok, Heinrich Kemia-kemi 1990 / 10B, p. 993-994

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://jtacc-itacc.akcongress.com/>

Impact of mechanical activation on physical and chemical properties of phosphorite concentrates

Tõnsuaadu, Kaia; Kaljuvee, Tiit; Petkova, Vilma; **Traksmäa, Rainer; Bender, Villem**; Kirsimäe, Kalle International journal of mineral processing 2011 / p. 104-109

Influence of lime-containing additives on the thermal behaviour of ammonium nitrate

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2008 / 1, p. 215-221 : ill

Influence of lime-containing additives on the thermal behaviour of urea

Klimova, Irina; Kaljuvee, Tiit; Trikkel, Andres 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts 2011 / p. 361
<https://link.springer.com/article/10.1007/s10973-012-2244-3>

Influence of oil shale ash addition on thermophysical processes in an illitic clay during heating

Csaki, Štefan; **Kaljuvee, Tiit**; Štubna, Igor; Dobron, Patrik; Vozar, Libor ECeRS 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9–13, 2017, Budapest, Hungary : book of abstracts 2017 / p. 579
<https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

Influence of SiO₂ on the thermal behavior of high-energy activated natural phosphorites

Petkova, Vilma; Kostova, Bilyana; Kadiyski, Milen; **Kaljuvee, Tiit** 12th Conference on Calorimetry and Thermal Analysis of Polish Society of Calorimetry and Thermal Analysis and 5th Joint Czech-Hungarian-Polish-Slovakian Thermoanalytical Conference : Book of Abstracts 2015 / 218-220

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

Influence of the post-granulation treatment on the thermal behaviour and leachability characteristics of Estonian oil shale ashes

Kaljuvee, Tiit; Jefimova, Jekaterina; Loide, Valli; Uibu, Mai; Einard, Marve Journal of thermal analysis and calorimetry 2018 / p. 47–57 : ill <https://doi.org/10.1007/s10973-017-6875-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the post-granulation treatment on the thermal behaviour of Estonian oil shale ashes

Kaljuvee, Tiit; Jefimova, Jekaterina; Loide, Valli; Uibu, Mai; Einard, Marve; Kuusik, Rein, keemik JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference: Budapest Hungary, June 6-9, 2017 : Book of Abstracts 2017 / p. 105 <https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf>

Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; Uibu, Mai; Jefimova, Jekaterina 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / OP1.19, p. 75 <http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf>

Influence of waste products from electricity and cement industries on the thermal behaviour of Estonian clay from Kunda deposit

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; Csaki, Štefan; Uibu, Mai; Jefimova, Jekaterina Journal of thermal analysis and calorimetry 2019 / p. 2635–2650 : ill <https://doi.org/10.1007/s10973-019-08319-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interaction of the products of thermal dehydration of calcium dehydrogen phosphate with calcium fluoride on heating

Veiderma, Mihkel; Kaljuvee, Tiit; Pöldme, Meeme Abstracts of papers International Conference on Phosphorus Chemistry '79 : Halle (Saale), September 17 -21, 1979 1979 / p. 86-87

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Törn, Leo; Bender, Villem; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2011 / p. 13-26

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Törn, Leo; Trikkel, Andres; Kuusik, Rein, keemik Program & abstracts of 21st IUPAC International Conference on Chemical Thermodynamics ICCT-2010 : Tsukuba, Japan, July 31 - August 6, 2010 2010 / p. 242

Investigation of dynamic mechanical properties of Estonian clay Arumetsa during firing

Štubna, Igor; Hulan, Tomaš; **Kaljuvee, Tiit**; Vozár, Libor Applied clay science 2018 / p. 23-28 : ill <https://doi.org/10.1016/j.clay.2017.11.038> [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 <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

Karbamiid-formaldehüüdvaikude omaduste muutumine struktureerumisel

Suurpere, Aime; Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 129-130

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

Lubjakivi-dolomiidi lisandite mõju ammooniumnitraadi termilisele käitumisele

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 46-47

Manufacture of particleboards using melamine-urea-formaldehyde resins

Siimer, Kadri; Pehk, Tõnis; Kaljuvee, Tiit; Lasn, Ilmar; Peterson, Aleksander Polymer chemistry, physics and technology : konferencijos pranešimu medžiaga 2000 / p. 47-50 : ill

Manufacturing and characterisation of Estonian urea-formaldehyde resins

Siimer, Kadri; Christjanson, Peep; Kaljuvee, Tiit; Suurpere, Aime; Pehk, Tõnis; Saks, Imre; Lasn, Ilmar Scientific proceedings of Riga Technical University. Serija 1, Material science and applied chemistry 2007 / p. 48-55

Mechanochemical method for enrichment of phosphorites

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel 1st International Conference on Mechanochemistry, March 23-26, 1993, Košice, Slovakia : book of abstracts 1993 / p. D12

Melamiin-karbamiid-formaldehüüdvaikude kõvenemisprotsessi uurimine

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 151-152

Melamine-formaldehyde-urea resin cure behaviour

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep Kemia 2003 : Kemian päivat : Finnish Chemical Congress and Exhibition : 11.-13.11.2003 : abstracts 2003 / p. 29-30

A method for producing conductive graphene biopolymer nanofibrous fabrics by exploitation of an ionic liquid dispersant in electrospinning

Javed, Kashif; Krumme, Andres; Viirsalu, Mihkel; Krasnou, Illia; Plamus, Tiia; Vassiljeva, Viktoria; Tarasova, Elvira; Savest, Natalja; Mere, Arvo; Mikli, Valdek; Danilson, Mati; Kaljuvee, Tiit; Lange, Sven Carbon 2018 / p. 148-156 : ill

<https://doi.org/10.1016/j.carbon.2018.08.034> <https://novaator.err.ee/873101/ttu-teadlaste-arendatud-tselluloosikangaga-saab-vajadusel-laadida-telefoni> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mitigation of negative environmental impact of semicoke

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres The First International Congress on Petroleum Contaminated Soils, Sediments & Water : August 14-17, 2001, Imperial College, London, UK : abstract and directory 2001 / P. 27

Modification of ammonium nitrate fertilizer = Ammooniumnitraatväetise modifitseerimine

Klimova, Irina 2014 https://www.ester.ee/record=b4432999*est

Modified phenol-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Paju, Jane; Saks, Imre PPS-25 : 25th Annual Meeting of the Polymer Processing Society : Goa, India, March 1-5, 2009 : program & abstracts 2009 / p. 63

Modified urea-formaldehyde resins for particleboards

Siimer, Kadri; Süld, Tiia-Maaja; Kaljuvee, Tiit; Lasn, Ilmar Polymer Processing Society : PPS-26 : regional meeting : Istanbul, Turkey, October 20-24, 2010 : program & abstracts 2010 / p. 94

Mõningaid võimalusi põlevkivituhkade aktiveerimiseks

Toom, Merli; Mikli, Valdek; Kaljuvee, Tiit XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 163-164

Oil shale ash deposits as natural CO2 binders

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit; Keltman, A. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe : 12-14 September 2000, Prague, Czech Republic : symposium program 2000 / p. 155

Oil shale ash deposits as natural CO2 binders [Electronic resource]

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit; Keltman, A. Fifth International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe : 12-14 September 2000, Prague, Czech Republic : proceedings 2001 / [9] p., [CD-ROM]

Oil shale ashes as binders of acid gases

Kuusik, Rein, keemik; Kaljuvee, Tiit; Kulp, Igor; Uibu, Mai Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 71-72

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

One-step carbon nanotubes grafting with styrene-co-acrylonitrile by reactive melt blending for electrospinning of conductive reinforced composite membranes

Vassiljeva, Viktoria; Kirikal, Kristi; Hietala, S.; Kaljuvee, Tiit; Mikli, Valdek; Rähn, Mihkel; Tarasova, Elvira; Krasnou, Illia; Viirsalu, Mihkel; Savest, Natalja; Plamus, Tiia; Javed, Kashif; Krumme, Andres Fullerenes, nanotubes and carbon nanostructures 2017 / p. 667–677 : ill <https://doi.org/10.1080/1536383X.2017.1394847>

Oxygen reduction on silver nanoparticles supported on carbide-derived carbons

Linge, Jonas Mart; Erikson, Heiki; Merisalu, Maido; **Kaljuvee, Tiit** Journal of the electrochemical society 2018 / p. F1199–F1205
<https://doi.org/10.1149/2.0711814jes> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phase and structural investigations of the content of natural radionuclides in rock and inorganic building materials

Serafimova, Ekaterina; Petkova, Vilma; **Kaljuvee, Tiit** IOP conference series : materials science and engineering 2023 / 8 p. : ill
<https://doi.org/10.1088/1757-899x/1264/1/012003>

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.ester.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

Physico-chemical transformations during thermal treatment of phosphorites and solubility of the products

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Third International Symposium on Inorganic Phosphate Materials : Villeneuve d'Ascq, France, September 14–16, 1999 : book of abstracts 1999 / p. P.2.17

Physico-chemical transformations during thermal treatment of phosphorites and solubility of the products

Kaljuvee, Tiit; Kuusik, Rein, keemik; 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. 335–340: ill

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>

Powder XRD microstructural analysis of thermally treated synthetic fluor-hydroxylapatite

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

Problems of desulfurization of flue gas at Estonian and Baltic thermal power plants

Kuusik, Rein, keemik; Kaljuvee, Tiit; Jegorov, D.; Maarend, Jaak Energy and environment 1991 : International Symposium on Energy and Environment, August 25–28, 1991, Espoo, Finland 1991 / p. 489

Pulbriliste lubimaterjalide granuleerimine

Klimova, Irina; Trubatsenko, Marina; Kaljuvee, Tiit XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 45

Põlevkivituha korduvkasutamine SO₂ sorbendina

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 59: ill

Põlevkivituhk vääveldioksiidi sidujana

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 37–39

Põlevkivituhkade reaktsioonivõime vääveldioksiidiga = Reactivity of oil shale ashes towards sulphur dioxide

Triikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 209–210 https://www.ester.ee/record=b1070511*est

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; Traksmäa, 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

Reaction pathway to CZTSe formation in CdI₂ : Part 2: Chemical reactions and enthalpies in mixtures of CdI₂–CuSe–SnSe and CdI₂–CuSe–SnSe–ZnSe

Leinemann, Inga; Pilvet, Maris; Kaljuvee, Tiit; Traksmäa, Rainer; Altosaar, Mare Journal of thermal analysis and calorimetry 2018 / p. 433–441 <https://doi.org/10.1007/s10973-018-7415-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reaction pathway to Cu₂ZnSnSe₄ formation in CdI₂ : part 1. Chemical reactions and enthalpies in mixtures of CdI₂–ZnSe, CdI₂–SnSe, and CdI₂–CuSe

Leinemann, Inga; Nkwusi, Godswill; Timmo, Kristi; Volobujeva, Olga; Danilson, Mati; Raudoja, Jaan vt.ka Mäddasson, Jaan; Kaljuvee, Tiit; Traksmäa, Rainer; Altosaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2018 / p.409 - 421 : ill <https://doi.org/10.1007/s10973-018-7102-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reactivity of oil shale ashes in SO₂ and CO₂ binding

Kaljuvee, Tiit; Triikkel, Andres; Kulp, Igor; Kuusik, Rein, keemik First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 52-53

Reactivity of oil shale ashes in the binding of SO₂

Kaljuvee, Tiit; Toom, Merli; Triikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2007 / 1, p. 51-58 : ill

Reactivity of oil shale ashes towards SO₂

Kaljuvee, Tiit; Toom, Merli; Triikkel, Andres; Kuusik, Rein, keemik ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 245

Reactivity of oil shale ashes towards sulfur dioxide. 1, Activation of high-temperature ashes

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik Oil shale 1997 / 3, p. 393-407: ill

Reactivity of oil shale ashes towards sulfur dioxide. 2, Low-temperature ashes formed by using CFBC technology

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Arro, Hendrik Oil shale 1999 / 1, p. 51-63: ill

Reactivity of oil shale ashes towards sulfur dioxide. 3, Recurrent use of ash for flue gas purification

Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi; Roundygin, Yu.; Keltman, A. Oil shale 1999 / 4, p. 303-313: ill

Recurrent use of oil shale ash as sorbent for SO₂ removal

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 65

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

Reuse of waste ashes formed at oil shale based power industry in Estonia

Kuusik, Rein, keemik; Uibu, Mai; Triikkel, Andres; Kaljuvee, Tiit Waste management and the environment III 2006 / p. 111-120 : ill

SO₂ binding at the combustion of oil shale in the mixture with semicoke

Triikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik The Baltic Sea and Its Environment : ESTO-96 Twin Symposium, August 6 and 9, 1996, Stockholm-Tallinn 1997 / p. 76-77

SO₂ binding by co-combustion of oil shale and coal

Kaljuvee, Tiit; Kuusik, Rein, keemik 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 26

SO₂ binding during CO-combustion of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, Warsaw, Poland : symposium program 1996 / p. 105

SO₂ binding during CO-combustion of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, Warsaw, Poland : proceedings 1996 / p. 864-866

SO₂ binding into the solid phase at thermooxidation of blends based on Estonian oil shale semicoke

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 26

SO₂ binding into the solid phase during thermooxidation of blends : Estonian oil shale semicoke

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres 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. 393-404 : ill

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

Study of Cu₂ZnSnSe₄ monograin formation in molten KI starting from binary chalcogenides

Klavina, Inga; Kaljuvee, Tiit; Timmo, Kristi; Raudoja, Jaan; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Thin solid films 2011 / p. 7399-7402

Study of thermooxidation of oil shale samples and basics of processes for utilization of oil shale ashes

Kaljuvee, Tiit; Uibu, Mai; Yörük, Can Rüstü; Einard, Marve; Triikkel, Andres; Kuusik, Rein, keemik; Trass, Olev; Štubna, Igor; Hulan, Tomaš; Loide, Valli; Jefimova, Jekaterina Minerals 2021 / at. 193 <https://doi.org/10.3390/min11020193> [Journal metris at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Studying of internal and rheological properties of polyethylene-oil shale ash composites

Süld, Tiia-Maaja; Kaljuvee, Tiit; Viikna, Anti The 28th International Conference of Polymer Processing Society (PPS-28), Pattaya, Thailand, December 11-14, 2012 : abstract book 2012 / p. 609

Sulphation and carbonization of oil shale CFBC ashes in heterogeneous systems

Kuusik, Rein, keemik; Uibu, Mai; Toom, M.; Muulmann, Mari-Liis; Kaljuvee, Tiit; Triikkel, Andres Oil shale 2005 / 4S, p. 421-434 : ill

Suurendatud niiskuskindlusega puitlaastplaatide valmistamine

Siimer, Kadri; Pehk, Tõnis; Kaljuvee, Tiit; Lasn, Ilmar; Peterson, Aleksander XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 160-161

Süsihappegaasi sidumine põlevkivituhaga looduslikes tingimustes

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 73

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

Teaduspreemia tehnikateaduste alal tööde tsükli "Uurimusi happeliste gaaside emissiooni piiramiseks energeetikas" eest : [Rein Kuusik (kollektiivi juht), Andres Triikkel, Tiit Kaljuvee]

Kuusik, Rein, keemik; Triikkel, Andres; Kaljuvee, Tiit Eesti Vabariigi teaduspreemiad 2010 2010 / lk. 86-109 : fot., ill

TG-DTA study of melamine-urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 180 <https://link.springer.com/content/pdf/10.1007/s10973-007-8721-4.pdf>

TG-DTA study of melamine-urea-formaldehyde resins

Siimer, Kadri; Christjanson, Peep; Kaljuvee, Tiit; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre Journal of thermal analysis and calorimetry 2008 / 1, p. 19-27 : ill

TG-DTA technique for studying the cure process of urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep Finnish Chemical Congress and Exhibition Kemia-2001 : Helsinki, 13-15.11.2001 : abstracts 2001 / p. 26-27

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

Meriste, Tõnis; Yörük, Can Rüstü; Triikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2013 / p. 483-489 : ill

TG-FTIR study of gaseous compounds evolved at thermooxidation of oil shale

Kaljuvee, Tiit; Pelt, Jaan; Radin, Maia Journal of thermal analysis and calorimetry 2004 / p. 399-414 : ill

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

Kaljuvee, Tiit; Keelman, Merli; Triikkel, Andres; Petkova, Vilma ICTAC 15 - 15th International Congress on Thermal Analysis and Calorimetry : August 20-24, 2012, Osaka 2012 https://www.researchgate.net/publication/257616213_TG-FTIRMS_analysis_of_thermal_and_kinetic_characteristics_of_some_coal_samples

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

Kaljuvee, Tiit; Keelman, Merli; Triikkel, Andres; Petkova, Vilma Journal of thermal analysis and calorimetry 2013 / p. 1063-1071 : ill

The emission of sulphur dioxide during thermal treatment of some fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik ESTAC-7 : 7th European Symposium on Thermal Analysis and Calorimetry, Aug. 30 - Sept. 4, 1998, Balatonfüred, Hungary : book of abstracts 1998 / p. 306

The emission of sulphur dioxide during thermooxidation of solid fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 47

The Formation of microcracks in water-saturated porous ceramics during freeze–thaw cycles followed by acoustic emission

Hulan, Tomaš; Knapek, Michal; **Kaljuvee, Tiit; Uibu, Mai** Journal of nondestructive evaluation 2021 / art. 13

<https://doi.org/10.1007/s10921-020-00748-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The influence of lime-containing additives on the thermal behaviour of ammonium nitrate

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 210
<https://link.springer.com/content/pdf/10.1007/s10973-007-8769-1.pdf>

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik; Bender, Villem 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. 315

The role of MgO in the binding of SO₂ by lime-containing materials

Kaljuvee, Tiit; Triikkel, Andres; Kuusik, Rein, keemik; Bender, Villem Journal of thermal analysis and calorimetry 2005 / p. 591-597

The study of firing of a ceramic body made from illite and fluidized bed combustion fly ash

Hulan, Tomaš; Trnik, Anton; **Kaljuvee, Tiit; Uibu, Mai; Štubna, Igor; Kallavus, Urve; Traksmaa, Rainer** Journal of thermal analysis and calorimetry 2017 / p. 79–89 : ill <https://doi.org/10.1007/s10973-016-5477-8>

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

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 ceramic bodies based on Estonian clay from the Arumetsa deposit with oil shale ash and clinker dust additives

Kaljuvee, Tiit; Uibu, Mai; Einard, Marve; Traksmaa, Rainer; Viljus, Mart; Jefimova, Jekaterina; **Triikkel, Andres** Processes 2022 / art. 46 <https://doi.org/10.3390/pr10010046> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Thermal behavior of Estonian graptolite-argillite from different deposits

Kaljuvee, Tiit; Tõnsuaadu, Kaia; Einard, Marve; Mikli, Valdek; Kivimäe, Eliise-Koidula; Kallaste, Toivo; Triikkel, 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 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 ammonium nitrate prills coated with limestone and dolomite powder

Rudjak, Irina; Kaljuvee, Tiit; Triikkel, Andres; Mikli, Valdek Journal of thermal analysis and calorimetry 2010 / p. 749-754 : ill

Thermal behaviour of ammonium nitrate prills coated with limestone and dolomite powder

Kaljuvee, Tiit; Rudjak, Irina; Triikkel, Andres; Mikli, Valdek MEDICTA 2009 : 9th Mediterranean Conference on Calorimetry and Thermal Analysis : June 15-18, 2009, Marseille, France : book of abstracts 2009 / p. 117 <https://link.springer.com/article/10.1007/s10973-009-0117-1>

Thermal behaviour of ceramic bodies based on Estonian clay from Arumetsa deposit with oil shale ash or/and clinker dust additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; **Uibu, Mai**; **Einard, Marve**; **Traksmaa, Rainer**; **Viljus, Mart**; Jefimova, Jekaterina; **Trikkel, Andres** ICTAC 2020 : 17th International Congress on Thermal Analysis and Calorimetry : 8th Joint Czech-Hungarian-Polish-Slovakian Thermoanalytical Conference (V4 8) : 14th Conference on Calorimetry and Thermal Analysis of the Polish Society of Calorimetry and Thermal Analysis (CCTA 14), online conference, [Kraków], 29 August - 2 September 2021 : e-book of abstracts, 2021 2021 / p. 68 https://cris.vub.be/ws/portalfiles/portal/74787050/_e_Book_of_Abstracts_ICTAC2020.pdf

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 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 hydroxymethyl compounds as models for adhesive resins

Siimer, Kadri; **Christjanson, Peep**; **Kaljuvee, Tiit**; **Pehk, Tõnis**; Saks, Imre Journal of thermal analysis and calorimetry 2009 / p. 459-466 : ill

Thermal behaviour of hydroxymethyl compounds as models for adhesive resins [Electronic resource]

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis**; Saks, Imre 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. D-06 [CD-ROM]

Thermal behaviour of melamine-modified urea-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit**; **Pehk, Tõnis**; Lasn, Ilmar Journal of thermal analysis and calorimetry 2010 / 3, p. 755-762 : ill

Thermal behaviour of melamine-urea-formaldehyde resins

Siimer, Kadri; **Süld, Tiia-Maaja**; **Christjanson, Peep**; **Kaljuvee, Tiit**; **Pehk, Tõnis**; Lasn, Ilmar XXVIII National Conference on Calorimetry, Thermal Analysis and Chemical Thermodynamics : Milan, Italy, December 11-15, 2006 2006 / p. 90

Thermal behaviour of melamine-urea-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep** 6th Mediterranean Conference on Calorimetry and Thermal Analysis : MEDICTA 2003 : 27-30 July 2003, Portugal : book of abstracts 2003 / p. 140

Thermal behaviour of modified phenol-formaldehyde resins [Electronic resource]

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; Paju, Jane; Saks, Imre PPS-25 : 25th Annual Meeting of the Polymer Processing Society : Goa, India, March 1-5, 2009 : proceedings 2009 / [2] p. : ill. [CD-ROM]

Thermal behaviour of modified urea-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit** MEDICTA 2009 : 9th Mediterranean Conference on Calorimetry and Thermal Analysis : June 15-18, 2009, Marseille, France : book of abstracts 2009 / p. 91 : 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 behaviour of stored aminoresins

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis** Programme and proceedings of Baltic Polymer Symposium 2004 : Kaunas, November 24-26, 2004 2004 / p. 86

Thermal behaviour of urea-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep** ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 73

Thermal behaviour of urea-formaldehyde resins during curing

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep** 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 2. ISBN 963-05-8044-6. p. 607-617 : ill

Thermal investigation on high temperature treatment of cement mortars with high content of marble powder

Stoyanov, V.; Petkova, V.; Kostova, B.; **Kaljuvee, Tiit** IOP conference series : materials science and engineering 2023 / p. 012005-012014 <https://doi.org/10.1088/1757-899X/1276/1/012005>

Thermal properties of calcium-aluminate based materials

Kulu, Priit; Goljandin, Dmitri; Traksmäa, Rainer; Kaljuvee, Tiit; Gregor, Andre Proceedings of the Estonian Academy of Sciences 2021 / p. 508-515 : ill <https://doi.org/10.3176/proc.2021.4.19> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal properties of calcium-aluminate based materials

Kulu, Priit; Goljandin, Dmitri; Traksmäa, Rainer; Kaljuvee, Tiit; Gregor, Andre IOP conference series : materials science and engineering 2021 / art. 012028, 7 p. : ill <https://doi.org/10.1088/1757-899X/1140/1/012028>

Thermal transformations in systems based on natural apatites

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

Thermal transformations in systems based on natural apatites

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

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

Thermooxidative decomposition of oil shales

Kaljuvee, Tiit; Keelmann, Merli; Trikkel, Andres; Kuusik, Rein, keemik Journal of thermal analysis and calorimetry 2011 / p. 395-403

Thermooxidative decomposition of oil shales

Kaljuvee, Tiit; Keelmann, Merli; Trikkel, Andres; Kuusik, Rein, keemik ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherlands : abstract book 2010 / p. 145

Transitions of sulphur compounds at combustion of oil shale processing solid waste

Kaljuvee, Tiit; Kuusik, Rein, keemik; Trikkel, Andres; Radin, Maia Abstracts : Symposium on Oil Shale 2002, 18-21 November 2002, Tallinn, Estonia 2002 / p. 83-84

Types of oil shale ash and methods for increasing their reactivity

Kuusik, Rein, keemik; Kaljuvee, Tiit Turning a problem into a resource: remediation and waste management at the Sillamäe site, Estonia 2000 / p. 215-222

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

Urea-formaldehyde resin cure on a wood substrate

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Süld, Tiia-Maaja; Lasn, Ilmar MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : 2-6 July 2005, Thessaloniki, Greece : proceedings 2005 / p. 133-138 : ill

Urea-formaldehyde resin cure on a wood substrate

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Lasn, Ilmar MEDICTA 2005 : 7th Mediterranean Conference on Calorimetry and Thermal Analysis : 2-6 July 2005, Thessaloniki, Greece : book of abstracts 2005 / p. 73

Urea-formaldehyde resins for low formaldehyde emission particleboards

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : book of abstracts 2008 / p. 11478

Urea-formaldehyde resins for low formaldehyde emission particleboards [Electronic resource]

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : program and proceedings 2008 / [7] p. : ill. [CD-ROM]

Urea-formaldehyde resins in Estonia : manufacturing and characterisation

Siimer, Kadri; Christjanson, Peep; Pehk, Tõnis; Kaljuvee, Tiit; Suurpere, Aime; O'Brock, D.; Saks, Imre; Lasn, Ilmar Baltic Polymer Symposium 2006 : September 20-22, 2006 : programme and proceedings 2006 / p. 83

Use of a dry SO₂-removal method at thermal power plants

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres; Jegorov, D. Chemrawn VIII : World Conference on Chemistry and Sustainable Development Towards a Clean Environment, Zero Wastes, and Highest Energy Efficiency, Moscow, 7-10 Sept. 1992 1992

Use of oil shale waste ash for flue gas desulphurization

Rundögin, J.; Alfimov, G.; Grigoryev, K.A.; Rundögin, A.; **Kuusik, Rein, keemik; Kaljuvee, Tiit** Proceedings of the 4th International Symposium on Coal Combustion : 4th ISCC : August 18-21, 1999, Beijing, P.R. China 1999 / p. 171-176

Using thermogravimetry to determine the SO₂ binding ability of different calcium-based sorbents

Triikkel, Andres; Kuusik, Rein, keemik; Kaljuvee, Tiit 15th Nordic Symposium for Thermal Analysis and Calorimetry, Helsinki, Finland, Nov. 13-15, 1996 : programme, extended abstracts 1996 / P.10 [2 p.]

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

Uurimusi happeliste gaaside emissiooni piiramiseks energeetikas : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile

Kuusik, Rein, keemik; Kaljuvee, Tiit; Triikkel, Andres Tallinna Tehnikaülikooli aastaraamat 2010 2011 / lk. 185-202 : ill

Vääveldioksiidi emissioon põlevkivi poolkoksi põletamisel

Kuusik, Rein, keemik; Kaljuvee, Tiit Keskkonnatehnika 2003 / 3, lk. 22-24, 26 : ill

Vääveldioksiidi emissioon tahkkütuste termooksüdatsioonis

Kaljuvee, Tiit; Kuusik, Rein, keemik XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 42

Young's modulus of different illitic clays during heating and cooling stage of firing

Hulan, Tomaš; Štubna, Igor; Ondruška, Jan; **Kaljuvee, Tiit** Materials 2020 / art. 4968, 14 p. : ill <https://doi.org/10.3390/ma13214968>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Young's modulus of illitic clay in the temperature region of quartz transition

Hulan, Tomaš; Štubna, Igor; **Kaljuvee, Tiit;** Knappek, Michal Journal of thermal analysis and calorimetry 2022 / p. 7701-7707
<https://doi.org/10.1007/s10973-021-11083-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Агломерация фосфорита при обжиге его в печи кипящего слоя

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi Комплексная переработка фосфатного сырья. Анализ природных и технических объектов 1989 / с. 42-51

Взаимодействие фторида кальция с конденсированными фосфатами при нагревании

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Неорганические материалы 1979 / с. 2188-2191 : илл
https://www.ester.ee/record=b1611497*est

Взаимодействие фторида кальция с конденсированными фосфатами при нагревании

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Известия Академии наук СССР. Неорганические материалы 1979 / с. 2188-2191 https://www.ester.ee/record=b1611497*est

Влияние диоксида кремния на взаимодействие флуорида кальция с конденсированными фосфатами при нагревании

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Неорганические материалы 1979 / с. 2241-2243 : илл
https://www.ester.ee/record=b1611497*est

Влияние диоксида кремния на взаимодействие фторида кальция с конденсированными фосфатами при нагревании

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Известия Академии наук СССР. Неорганические материалы 1979 / с. 2241-2243 https://www.ester.ee/record=b1611497*est

Изучение кормовых обесфторенных фосфатов из фосфоритов Раквереского месторождения

Kaljuvee, Tiit; Veskimäe, Helgi Технология минеральных удобрений и солей : межвузовский сборник научных трудов 1988 / с. 54-58 https://www.ester.ee/record=b1700546*est

Исследование процесса термического обогащения фосфоритов Джерной-Сардаринского месторождения физическими методами

Veiderma, Mihkel; Knubovets, Rena; Kapulski, J.; **Kaljuvee, Tiit** Технологическая минералогия фосфатных руд : тезисы докладов всесоюзного совещания, 17-18 ноября 1987 г., Люберцы 1987 / с. 47-48

Исследование работы зернистых фильтров

Valtin, Juhan; Kaljuvee, Tiit; Siirde, Enno XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 45 https://www.ester.ee/record=b1379468*est

Исследование реакций в системах CaF_2 - $\text{Ca}(\text{PO}_4)_2$ и CaF_2 - $\text{Ca}_2\text{P}_2\text{O}_7$ при нагревании

Kaljuvee, Tiit; Tõnsuaadu, Kaia II республиканская конференция молодых ученых-химиков, 17-19 мая 1977 г. : тезисы докладов. Часть 1 1977 / с. 99 https://www.ester.ee/record=b1308827*est

Исследование термических превращений в фосфоритах методом термогазотитриметрии

Kaljuvee, Tiit; Tõnsuaadu, Kaia; Vilbok, Heinrich; Veiderma, Mihkel Тезисы докладов Всесоюзной конференции "Фосфаты-87" 1987 / с. 597 https://www.ester.ee/record=b4415763*est

Исследование фосфорнокислотно-термической переработки фторида кальция

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Неорганическая химия и технология. 1 1980 / с. 37-45

Неорганическая химия и технология

Arumeel, Edgar; Veiderma, Mihkel; Põldme, Meeme; Põldme, Jutta; Tõnsuaadu, Kaia; Kudrjavitseva, Jelena; Aasamäe, Ernst; Viisimaa, Ludmilla; Treufeldt, O.; Einard, Marve; Kaljuvee, Tiit; Pets, Lydia; Vaganov, Peter; Miller, A.; Vilbok, Heinrich; Help, Kalju; Tint, Piia; Kuusik, Rein, keemik; Tünn, Leo; Kärblane, Enn; Veskimäe, Helgi; Schächter, Klára; Lohonyai, Nándor; Kallast, Vambola; Talimets, Ellen; Hödrejärvi, Helvi; Ott, Roman; Paakspuu, V.; Vaarmann, Aini; Kerm, Karin; Help, Kalju 1983 https://www.ester.ee/record=b1294037*est

Неорганическая химия и технология

Tõnsuaadu, Kaia; Aasamäe, Ernst; Veiderma, Mihkel; Viisimaa, Ludmilla; Ojaste, Ülle; Veskimäe, Helgi; Kuusik, Rein, keemik; Kaljuvee, Tiit; Vilbok, Heinrich; Hödrejärvi, 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.ester.ee/record=b1476293*est

Неорганическая химия и технология

Talimets, Ellen; Põldme, Jutta; Sarik, M.; Põldme, Meeme; Raude, Urmas; Otsavel, M.; Utsal, K.; Kudrjavitseva, Jelena; Aasamäe, Ernst; Kallavus, Urve; Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi; Sirendi, A.; Viisimaa, Ludmilla; Berezin, Grigori; Fedorovitš, V.; Vilbok, Heinrich; Ott, Roman; Hödrejärvi, Helvi; Hõrak, P.; Kullapere, A.; Paakspuu, V.; Kerm, Karin; Vaarmann, Aini; Help, Kalju; Pets, Lydia; Miller, A.; Viisimaa, Matti; Luik, H.; Kallast, Vambola; Allikmaa, Veiko; Metsmaa, T.; Kuusk, A.; Schächter, Klára 1989 https://www.ester.ee/record=b1476304*est

Неорганическая химия и технология : сборник статей

Põldme, Jutta; Aasamäe, Ernst; Veiderma, Mihkel; Kudrjavitseva, Jelena; Veskimäe, Helgi; Kuusik, Rein, keemik; Kärblane, Enn; Kuusk, Anu; Viisimaa, Ludmilla; Kaljuvee, Tiit; Põldme, Meeme; Arumeel, Edgar; Vilbok, Heinrich; Pets, Lydia; Hödrejärvi, Helvi; Vaarmann, Aini; Uibo, L.; Ott, Roman; Help, Kalju; Siirde, Aino; Talimets, Ellen; Krištapovitš, N.V.; Kallast, Vambola; Ladoga, J.E.; Kerm, Karin; Tilling, Aino; Varvas, Jüri; Faingold, J.S. 1980 https://www.ester.ee/record=b2191026*est

О взаимодействии фторида кальция с конденсированными фосфатами кальция

Põldme, Meeme; Põldme, Jutta; Tõnsuaadu, 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

Põldme, Meeme; Põldme, Jutta; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Veiderma, Mihkel Физикохимические исследования фосфатов : тезисы докладов IV Всесоюзной конференции 1976 / с- 241-242

Об использовании шламов станций нейтрализации сточных вод заводов минеральных удобрений

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Тезисы докладов Всесоюзного семинара "Создание безотходных производств минеральных удобрений и серной кислоты". Череповец, 28-31 марта 1978 1978 / с. 50-51

Обессеривание дымовых газов сухим улавливанием SO_2

Kaljuvee, Tiit; Kuusik, Rein, keemik; Loosaar, Jüri; Rajur, K. Тезисы докладов 15-ой всесоюзной конференции по химической технологии неорганических веществ, Казань, 29-31 мая 1991 г 1991 / с. 241

Обжиг и его влияние на кислотную переработку фосфорита Егорьевского месторождения

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veskimäe, Helgi Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1986 / с. 29-38

Обжиг и его эффективность в процессах кислотной переработки фосфоритов разных месторождений

Kaljuvee, Tiit; Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Проблемы использования бедного и нетрадиционного фосфатного сырья для производства удобрений : тезисы докладов научно-технического совещания, 15-18 мая 1985 г., г. Кингисепп 1985 / с. 142

Обжиг и его эффективность при кислотной переработке фосфорита месторождения Кокджон

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Комплексное использование минерального сырья 1985 / с. 34-38 : ил., табл https://www.ester.ee/record=b2146072*est

Обжиг и кислотная переработка обожжённых каратауских и чилисайских фосфоритов

Kaljuvee, Tiit; Kuusik, Rein, keemik; Rõbakov, V.; Šinkarenko, S. Тезисы докладов XIII Всесоюзной научной конференции по технологии неорганических веществ и минеральных удобрений, [г. Дзержинск]. Ч. 2 1985 / с. 98-99

Обжиг фосфоритов и его эффективность при кислотной переработке

Kaljuvee, Tiit; Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel Перспективы развития промышленности фосфорных удобрений и серной кислоты до 2000 года. Тезисы докладов на отраслевом совещании работников основной химической промышленности. Белореченск, 26-30 сент. 1983 1983 / с. 142-143

Обжиг Чилисайских фосфоритов в печи кипящего слоя

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Комплексное использование минерального сырья 1985 / с. 35-39 : ил., таб https://www.ester.ee/record=b2146072*est

Особенности термического обогащения фосфоритов различных месторождений

Veiderma, Mihkel; Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi; Livšits, M. XIV Всесоюзная научно-техническая конференция по технологии неорганических веществ и минеральных удобрений (Львов, 25-27 мая 1988 г.). Ч. 2, Химия, технология соединений азота, фосфора и их применение : тезисы докладов 1988 / с. 121
https://www.ester.ee/record=b4437558~S1*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.ester.ee/record=b1528661*est

Сопоставление способов измельчения карбонатсодержащих фосфоритов при термосепарации

Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi Дезинтеграторная технология : тезисы докладов VIII всесоюзного семинара, 1-3 окт. 1991, Киев 1991 / с. 104-105

Термические превращения в смеси флюорита с фосфорной кислотой

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Тезисы докладов V всесоюзной конференции "Физико-химические исследования фосфатов" ("Фосфаты-81") : [В 2 ч.]. Ч. 2. 1981 / с. 158

Термические превращения в смеси флюорита с фосфорной кислотой

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Тезисы докладов V Всесоюзной конференции "Физико-химические исследования фосфатов" ("Фосфаты-81"), Ч. 1 1981 / с. 158

Термосепарационное обогащение карбонатсодержащих фосфоритов

Veiderma, Mihkel; Kuusik, Rein, keemik; Kaljuvee, Tiit; Kangur, H. XI всесоюзный симпозиум по механохимии и механоэмиссии твердых тел, 11-14 сент. 1990 г., Чернигов : тезисы докладов. Т. 2 1990 / с. 167-168

Термосепарационное обогащение фосфоритов бассейна Каратау

Kuusik, Rein, keemik; Veskimäe, Helgi; Kaljuvee, Tiit Тезисы докладов 15-ой всесоюзной конференции по химической технологии неорганических веществ, Казань, 29-31 мая 1991 г 1991 / с. 240

Термосепарационное обогащение фосфоритов Каратау

Kuusik, Rein, keemik; Kaljuvee, Tiit; Лившиц М.М.; Veiderma, Mihkel Перспективы развития производств серной кислоты и фосфорных удобрений до 2000 года : тезисы докладов всесоюзного отраслевого совещания, г.Воскресенск, 24-26 окт. 1990 г 1990 / с. 18-19

Термосепарационное обогащение фосфоритов Каратау

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel; Veskimäe, Helgi; Лившиц М.М.; Кангур К.Ф. Химическая промышленность 1992 / 2, с. 85-88

Термохимические превращения в системах, содержащих фторид и фосфаты кальция : автореферат ... кандидата химических наук (05.17.01)

Kaljuvee, Tiit 1982 https://www.ester.ee/record=b1537018*est

Термохимические превращения при нагреве смесей флюорита с фосфорной кислотой

Kaljuvee, Tiit Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 45-53

Утилизация шламов станций нейтрализации сточных вод заводов фосфорных удобрений

Kaljuvee, Tiit; Veiderma, Mihkel; Põldme, Meeme; Podlesskaja, A. Комплексное использование минерального сырья 1982 / с.

70-73 : ил., таб https://www.ester.ee/record=b2146072*est

Физико-химические основы и условия обжига фосфоритов разных месторождений

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Тезисы докладов 6. Всесоюзной конференции по фосфатам "Фосфаты-84". Ч. 3 1984 / с. 559

Физико-химические превращения в смесях фторида кальция с продуктами дегидратации монокальцийфосфата при нагревании

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1980 / с. 170-176 : ил., табл https://www.ester.ee/record=b1264984~S1*est

Физико-химические превращения в смесях фторида кальция с продуктами дегидратации монокальцийфосфата при нагревании

Kaljuvee, Tiit; Põldme, Meeme; Veiderma, Mihkel Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1980 / с. 170-176 : илл https://www.ester.ee/record=b1264984*est