

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

Trikkel, 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; Trikkel, 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; Trikkel, 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; Trikkel, 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; Bošak, 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**; Bačik, 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; Trikkel, 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; Trikkel, 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; 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>

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; Trikkel, 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; Trnik, 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; Triikkel, 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; Triikkel, 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-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; Triikkel, 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

Kinetics of Estonian phosphate rock dissolution in hydrochloric acid

Azeez, Ruhany Sheherazad; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Trikkel, Andres Minerals 2024 / art. 322 <https://doi.org/10.3390/min14030322>

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 Polimeru chemija, fizika ir tehnologija = 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-formaldehüdvaikude 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 resol 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

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, Mado; 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; Traksmäa, 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 metrics 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; Traksmäa, Rainer; Kareiva, Aivaras 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 371

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; Knappek, 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; Traksmäa, 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; Traksmäa, Rainer 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry, 25-28 August 2015, Ljubljana, Slovenia : book of abstracts 2015 / p. 89

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; Traksmäa, 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; **Trikkel, 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/s10973-009-0391-y>

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_Abstacts_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://itac-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-

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

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

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 $\text{CaF}_2\text{-Ca}(\text{PO}_4)_2/\text{n}$ и $\text{CaF}_2\text{-Cf}_2\text{P}_2\text{O}_7$ 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; Hödrejäv, 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; Hödrejäv, 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; Fedorovič, V.; Vilbok, Heinrich; Ott, Roman; Hödrejäv, Helvi; Hörak, 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; Hödrejäv, Helvi; Vaarmann, Aini; Uibo, L.; Ott, Roman; Help, Kalju; Siirde, Aino; Talimets, Ellen; Krištapovič, 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 Кокдзон

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 обожженных 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