

A review on the thermal stability of calcium apatites

Tõnsuaadu, Kaia; Gross, Karlis Agris; Pluduma, Liene; **Veiderma, Mihkel** Journal of thermal analysis and calorimetry 2012 / p. 647-659 : ill <https://ortus.rtu.lv/science/en/publications/14851>

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 <https://doi.org/10.1007/s10973-014-4308-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Binding of SO₂ by synthetic substituted apatites

Tõnsuaadu, Kaia; **Peld, Merike**; **Bender, Villem**; **Veiderma, Mihkel** Journal of thermal analysis and calorimetry 1999 / Proceedings of the 7th European Symposium on Thermal Analysis and Calorimetry, ISBN 963-05-7629-5. Vol. 1, p. 35-42: ill <https://link.springer.com/article/10.1023/A:1010118905445>

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>

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

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

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 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](#)

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**; **Trikkel, 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](#)

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 <https://doi.org/10.1007/s10973-014-4102-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://doi.org/10.1007/s10973-015-5129-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 <https://link.springer.com/article/10.1023/A:1011561500091>

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 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 <https://link.springer.com/article/10.1007/s10973-007-8449-1>

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

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

Evolved gas analysis of dichlorobis(thiourea)zinc(II) by coupled TG-FTIR and TG/DTA-MS techniques

Madarasz, Janos; **Krunks, Malle**; Niinistö, Lauri; Pokol, György Journal of thermal analysis and calorimetry 2004 / p. 679-686 : ill
<https://link.springer.com/article/10.1023/B:JTAN.0000046127.69336.90>

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

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

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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-speed thermogravimetric analysis of the combustion of wood and Ca-rich fuel

Maaten, Birgit; **Konist, Alar**; **Siirde, Andres** Journal of thermal analysis and calorimetry 2019 / p. 2807–2811
<https://doi.org/10.1007/s10973-019-08785-6> Teadlased: [puidu osakaalu suurendamine fossiilkütustes on üks lahendus](#) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 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
<https://doi.org/10.1007/s10973-012-2244-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the end-temperature on the oil shale fast pyrolysis process and its products

Maaten, Birgit; **Siirde, Andres**; Vahur, Signe; Kirsimäe, Kalle Journal of thermal analysis and calorimetry 2023 / p. 1647-1655 : ill
<https://doi.org/10.1007/s10973-022-11567-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the post-granulation treatment on the thermal behaviour 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 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](#)

Interactions of ammonium nitrate with different additives : thermodynamic analysis

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

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

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

Microcalorimetric monitoring of anaerobic digestion processes

Menert, Anne; Liiders, M.; **Kurissoo, Tõnu**; **Vilu, Raivo** Journal of thermal analysis and calorimetry 2001 / p. 281-291 : ill

Mineral matter effect on the decomposition of Ca-rich oil shale

Maaten, Birgit; Loo, Lauri; **Konist, Alar**; **Siirde, Andres** Journal of thermal analysis and calorimetry 2018 / p. 2087–2091 : ill
<https://doi.org/10.1007/s10973-017-6823-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Monitoring of the evolved gases in apatite-ammonium sulfate thermal reactions

Tõnsuaadu, Kaia; Pelt, Jaan; **Borissova, Maria** Journal of thermal analysis and calorimetry 2005 / p. 655-658

A new method for determining average boiling points of oils using a thermogravimetric analyzer : application to unconventional oil fractions

Rannaveski, Rivo; Järvik, Oliver; Oja, Vahur Journal of thermal analysis and calorimetry 2016 / p. 1679-1688 : ill
<https://doi.org/10.1007/s10973-016-5612-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

NiO reduction by Mg plus C combined reducer at high heating rates

Zakaryan, Marieta; Nazaretyan, K.T.; **Aydinyan, Sofiya;** Kharatyan, Suren Journal of thermal analysis and calorimetry 2021 / p. 1811-1817 : ill <https://doi.org/10.1007/s10973-020-10148-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Potential of solid residues from power plants as thermochemical energy storage materials

Maaten, Birgit; Konist, Alar; Siirde, Andres Journal of thermal analysis and calorimetry 2020 / p. 1799-1805
<https://doi.org/10.1007/s10973-020-09948-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preface

Lehto, Vesa-Pekka; Lastusaari, Mika; **Kaljuvee, Tiit** Journal of Thermal Analysis and Calorimetry 2015 / p. 3
<https://doi.org/10.1007/s10973-015-4728-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preparation and characterization of superconducting YBa₂(Cu_{1-x}Crx)₄O₈ oxides by thermal analysis

Nenartaviciene, G.; **Tõnsuaadu, Kaia;** Jasaitis, D.; Beganskiene, Aldona; Kareiva, Aivaras Journal of thermal analysis and calorimetry 2007 / 1, p. 173-178 : ill

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

Tõnsuaadu, Kaia; Bogdanoviciene, Irma; Traksmas, Rainer Journal of thermal analysis and calorimetry 2016 / p. 919-925 : ill
<https://doi.org/10.1007/s10973-016-5447-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reaction enthalpies of Cu₂ZnSnSe₄ synthesis in KI

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

Reaction 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; Traksmas, 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 Mädasson, Jaan; Kaljuvee, Tiit; Traksmas, 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 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

Reduction mechanism of WO₃ + CuO mixture by combined Mg/C reducer : non-isothermal conditions - high heating rates

Aydinyan, Sofiya; Nazaretyan, Khachatur; Zargaryan, A.G.; Tumanyan, M.E.; Kharatyan, Suren Journal of thermal analysis and calorimetry 2018 / p. 261-269 : ill <https://doi.org/10.1007/s10973-018-6985-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Research on historical bricks from a baroque church

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

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 <https://link.springer.com/article/10.1023/A:1023973231597>

Structure and evolved gas analyses (TG/DTA-MS and TG-FTIR) of mer-trichlorotris(thiourea)-indium(III), a precursor for indium sulfide thin films

Otto, Kairi; Bombicz, Petra; Madarasz, Janos; **Oja Acik, Ilona**; **Krunks, Malle**; Pokol, György Journal of thermal analysis and calorimetry 2011 / p. 83-91 <https://link.springer.com/article/10.1007/s10973-011-1524-7>

Study of zinc thiocarbamide chloride, a single-source precursor for zinc sulfide thin films by spray pyrolysis

Krunks, Malle; Madarasz, Janos; Leskelä, T.; **Mere, Arvo**; Niinistö, L.; Pokol, György 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. 497-506 : ill <https://link.springer.com/article/10.1023/A:1024561212883>

Sulfur in kukersite shale oil : its distribution in shale oil fractions and the effect of gaseous environment

Mozaffari, Sepehr; **Baird, Zachariah Steven**; **Järvik, Oliver** Journal of thermal analysis and calorimetry 2022 / p. 11601-11610 <https://doi.org/10.1007/s10973-022-11359-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Nemliher, Jüri; **Tõnsuaadu, Kaia**; **Kallaste, Toivo** Journal of thermal analysis and calorimetry 2009 / 1, p. 27-32 : ill https://www.researchgate.net/publication/243958295_Temperature-induced_changes_in_crystal_lattice_of_bioaragonite_of_Tapes_decussatus_Linnaeus_Mollusca_Bivalvia

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 <https://link.springer.com/article/10.1007/s10973-007-8721-4>

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

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

TG-FTIR 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 <https://link.springer.com/article/10.1023/B:JTAN.0000046106.53195.26>

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

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

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

Kaljuvee, Tiit; **Trikkel, 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermal analysis in studies of apatite structure

Tõnsuaadu, Kaia; **Peld, Merike**; **Bender, Villem** Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 1. ISBN 963-05-8043-8. p. 363-371 : ill

Thermal analysis of Israeli phosphorites with determination of the evolved gases

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

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

Kaljuvee, Tiit; Štubna, Igor; Somelar, Peeter; **Mikli, Valdek**; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2014 / p. 891-899 : ill <https://doi.org/10.1007/s10973-014-3797-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Rudjak, Irina; **Kaljuvee, Tiit**; **Trikkel, Andres**; **Mikli, Valdek** Journal of thermal analysis and calorimetry 2010 / p. 749-754 : ill https://www.researchgate.net/publication/243958679_Thermal_behaviour_of_ammonium_nitrate_prills_coated_with_limestone_and_dolomite_powder

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 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 <https://link.springer.com/article/10.1007/s10973-009-0218-x>

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 <https://akjournals.com/view/journals/10973/99/3/article-p755.xml>

Thermal behaviour of precursors for CuInS₂ thin films deposited by spray pyrolysis

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

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

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

Thermal decomposition study of HAuCl₄·3H₂O and AgNO₃ as precursors for plasmonic metal nanoparticles

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

Thermally evolved gases from thiourea complexes of CuCl in air : detailed comparisons by TG-FTIR and TG/DTA-MS for compounds poor and rich in thiourea

Madarasz, Janos; Krunks, Malle; Niinistö, Lauri; Pokol, György Journal of thermal analysis and calorimetry 2015 / p. 189-199 : ill <https://doi.org/10.1007/s10973-015-4481-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Thermoanalytical study of acetylacetonate-modified titanium(IV)isopropoxide as a precursor for TiO₂ films

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

A thermoanalytical study of copper(I) thiocarbamide compounds

Krunks, Malle; Leskelä, T.; Mutikainen, Ilpo; Niinistö, L. Journal of thermal analysis and calorimetry 1999 / 2, p. 479-484: ill

Thermoanalytical study of precursors for In₂S₃ thin films deposited by spray pyrolysis

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

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

Polivtseva, Svetlana; Oja Acik, Ilona; Krunks, Malle; Tõnsuaadu, Kaia; Mere, Arvo Journal of thermal analysis and calorimetry 2015 / p. 177-185 : ill <https://doi.org/10.1007/s10973-015-4580-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Tõnsuaadu, Kaia; Zalga, Arturas; Beganskiene, Aldona; Kareiva, Aivaras Journal of thermal analysis and calorimetry 2012 / p. 77-83 : ill https://www.researchgate.net/publication/257615627_Thermoanalytical_study_of_the_YSZ_precursors_prepared_by_aqueous_sol-gel_synthesis_route

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

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

Thermochemical investigations of natural phosphate with ammonium sulphate additive

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

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

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

Thermooxidative decomposition of oil shales

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

Thermo-swelling behavior of Kukersite oil shale : commercial grade oil shale compared to its kerogen

Oja, Vahur; Yanchilin, Alexey; Kan, Tao; Strezov, Vladimir Journal of thermal analysis and calorimetry 2015 / p. 1163-1169 : ill <https://doi.org/10.1007/s10973-014-4258-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Oja Acik, Ilona; Madarasz, Janos; **Krunks, Malle; Tõnsuaadu, Kaia;** Pokol, György; Niinistö, L. Journal of thermal analysis and calorimetry 2009 / 1, p. 39-45 : ill https://www.researchgate.net/publication/243958213_TitaniumIV_acetylacetonate_xerogels_for_processing_titania_films_AAA_thermoanalytical_study

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

Hulan, Tomaš; Štubna, Igor; Kaljuvee, Tiit; Knapek, 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](#)