

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](#)

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

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

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

DC conductivity of illitic clay after various firing

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

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

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

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 technology 2022 / p. 4164-4173 <https://doi.org/10.1016/j.jmrt.2022.11.030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 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](#)

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 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](#)

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>

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 <https://doi.org/10.1007/s10973-016-5280-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Polarization and depolarization currents in kaolin

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

Research on historical bricks from a baroque church

Podoba, Rudolf; **Kaljuvee, Tiit**; Štubna, Igor; Podobnik, Luboš; Bačík, 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](#)

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; Trikkel, 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](#)

The effect of the firing temperature on the hardness of alumina porcelain

Štubna, Igor; Šin, Peter; **Viljus, Mart;** Trnik, Anton Materials and technology = Materiali in tehnologije 2014 / p. 331-336 : ill <http://mit.imt.si/izvodi/mit143/stubna.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

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

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

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

Thermal behaviour of 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

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](#)