

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](#)

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> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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](#)

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 <https://doi.org/10.5755/j01.ms.21.3.7152> [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 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](#)

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

Hulan, Tomaš; Knapek, Michal; **Kaljuvee, Tiit**; **Uibu, Mai** Journal of nondestructive evaluation 2021 / art. 13 <https://doi.org/10.1007/s10921-020-00748-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The 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> [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; 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 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, Tomáš; **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

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

Hulan, Tomáš; 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, Tomáš; 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](#)