

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 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; Knapk, 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; Trník, 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; Trník, Anton; Štubna, Igor; Bačík, Peter; **Kaljuvee, Tiit; Vozár, 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; Trník, 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; Trikkel, Andres; Kuusik, Rein, keemik; Trass, Olev; Štubna, Igor; Hulan, Tomaš; Loide, Valli; Jefimova, Jekaterina Minerals 2021 / art. 193 <https://doi.org/10.3390/min11020193> Journal metrisc 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; Knapk, 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; Trník, 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; Trník, 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 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

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; 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](#)