

Az utolsó 5 év fontosabb publikációi / Most important publications of the last 5 years

- Bajnóczi, B., Nagy, G., Sipos, Gy., May, Z., Váczi, T., Tóth, M., Boros, I. & Pattantyús, M.: Material analysis and TL dating of a Renaissance glazed terracotta Madonna statue kept in the Museum of Fine Arts, Budapest. *Journal of Cultural Heritage*, in press
- Baricza, Á., Bajnóczi, B., Kovács, J., May, Z., Szabó, M., Szabó, Cs. & Tóth, M. (2018): Chemical durability of lead-bearing glazes in sulphuric acid solutions - Laboratory experiments performed on Zsolnay architectural ceramics from Budapest (Hungary). *International Journal of Architectural Heritage*, 12/2, 216-236.
- Mozgai, V., Bajnóczi, B., Fórizs, I., May, Z., Hatvani, I. G., Dági, M., Mráv, Zs. & Tóth, M. (2017): Handheld XRF mapping of elemental composition of Roman silver artefacts: preliminary results. In: Montero-Ruiz, I. & Perea, A. (eds.): *Archaeometallurgy in Europe IV*, Bibliotheca Praehistorica Hispana, vol XXXIII, Editorial CSIC, Madrid, 237-247.
- Mozgai, V., Fórizs, I. & Bajnóczi, B. (2016): Régészeti és történeti fémtárgyak nyersanyaga származási helyének meghatározása izotóp-geokémiai módszerrel: ólom-, ezüst- és rézizotópok együttes alkalmazása (Provenance determination of archaeological and historical metal objects with isotope geochemical method: combined use of lead, silver and copper isotopes). *Archeometriai Műhely*, XIII/4, 273-290.
- Baricza, Á., Bajnóczi, B., Tóth, M., Káldos, R. & Szabó, Cs. (2016): Characterization of particulate matter in attic and settled dusts collected from two buildings in Budapest, Hungary. Přikryl, R., Török, Á., Gómez-Heras, M., Miskovsky K. & Theodoridou, M. (eds.): *Sustainable use of traditional geomaterials in construction practice*. Geological Society, London, Special Publications, 416, 239-252.
- Baricza, Á., Bajnóczi, B., Szabó, M., Tóth, M., Bendő, Zs. & Szabó, Cs. (2016): Deterioration of glazed architectural ceramics due to environmental factors: A comparative study of two buildings in Budapest. *Carpathian Journal of Earth and Environmental Sciences*, 11 (2), 449-462.
- Bajnóczi, B., May, Z., Ridovics, A., Szabó, M., Nagy, G. & Tóth, M. (2015): The tin content of the blue-glazed Hutterite and Haban ceramics – implications for the production technology based on results of the handheld XRF and electron microprobe analyses. *Acta Ethnographica Hungarica*, 60 (2), 517-534.
- Bajnóczi, B., Nagy, G., Tóth, M., Ringer, I. & Ridovics, A. (2014): Archaeometric characterization of 17th-century tin-glazed Anabaptist (Hutterite) faience artefacts from North-East-Hungary. *Journal of Archaeological Science*, 45, 1-14.
- Koeniger, P., Barta, G., Thiel, C., Bajnóczi, B., Novothny, Á., Horváth, E., Techmer, A. & Frechen, M. (2014): Stable isotope composition of bulk and secondary carbonates from the Quaternary loess-paleosol sequence in Süttő, Hungary. *Quaternary International*, 319, 38-49.
- Havancsák, I., Bajnóczi, B., Tóth, M., Kreiter, A. & Szöllősi, Sz. (2014): Archaeometric investigation of Celtic graphitic pottery from two archaeological sites in Hungary. In: Martin-ón-Torres, M. (ed.): *Craft and science: International perspectives on archaeological ceramics*. UCL Qatar Series in Archaeology and Cultural Heritage vol. 1, Bloomsbury Qatar Foundation, Doha, Qatar, 191-199.
- Dabi, G., Bajnóczi, B., Schubert, F. & M. Tóth, T. (2013): The origin and role of a calcite-filled microcrack generation in a metamorphic crystalline complex: The characterization of a fossilised seismic permeability system. *Tectonophysics*, 608, 792-803.
- Bajnóczi, B., Schöll-Barna, G., Kalicz, N., Siklósi, Zs., Hourmouziadis, G., Ifantidis, F., Kyparissi-Apostolika, A., Pappa, M., Veropoulidou, R. & Ziota, C. (2013): Tracing the source of Late Neolithic Spondylus shell ornaments by stable isotope geochemistry and cathodoluminescence microscopy. *Journal of Archaeological Science*, 40/2, 874-882.
- Kreiter, A., Bartus-Szöllősi, Sz., Bajnóczi, B., Azbej Havancsák, I., Tóth, M. & Szakmány, Gy. (2013): Ceramic technology and the materiality of Celtic graphitic pottery. In: Alberti, M. E. & Sabatini, S. (eds.): *Exchange networks and local transformations. Interaction and local change in Europe and the Mediterranean from the Bronze Age to the Iron Age*. Oxbow Books, Oxford, 169-179.