

Tracer Articles

Updated March 14, 2012



<u>Title</u>	<u>Subject</u>	<u>Author(s)</u>	<u>Date</u>	<u>Journal Name</u>	<u>Publications Type</u>	<u>Article Type</u>
Non-destructive pXRF of mafic stone tools. DOI 10.1016/j.jas.2011.11.011	Non-destructive pXRF of mafic stone tools.	Grave, P. Attenbrow, V. Sutherland, L. Pogson, R. Forster, N.	2011	Journal of Archaeological Science	Journal	Archaeology
Non-destructive pXRF analysis of museum-curated obsidian from the Near East DOI 10.1016/j.jas.2011.11.004	Non-destructive pXRF analysis of museum-curated obsidian from the Near East	Forster, N. Grave, P.	2011	Journal of Archaeological Science	Journal	Archaeology
Non-destructive analysis using PXRF: methodology and application to archaeological ceramics. DOI 10.1002/xrs.1360	Non-destructive analysis using PXRF: methodology and application to archaeological ceramics	Forster, N. Grave, P. Vickery, N. Kealhofer, L.	2011	X-Ray Spectrometry	Journal	Archaeology
Assessing the applicability of portable X-ray fluorescence spectrometry for obsidian provenance research in the Maya Lowlands.	XRF, archaeology, economy, Maya, sourcing	Nazaroff, AJ Prufer, KM Drake, L	2010	Journal of Archaeological Science	Journal	Archaeology
Bioaccessible Arsenic in Soils of the Island of Hawaii	Arsenic in Soils	Cutler, William (Bill)	May 2011		PhD dissertation	
The Applicability of Bulk Elemental Characterization Techniques for Identifying Prehistoric Ceramic Recipes in the Phoenix Basin, Arizona	Elemental Characterization Techniques	Kelly, Sophia E. Fertelmes, Craig M.	March 2011		Meeting Proceedings	Archaeology
Geochemical Characterization of Vesicular Basalt Outcrops within the Gila River Indian Community, Arizona.	Geochemical Characterization of Vesicular Basalt	Fertelmes, Craig M. Loendorf, Chris Brown, Letricia	March 2011		Meeting Proceedings	Archaeology
Evaluation of the Reliability and Validity of the Bruker Tracer III-V Portable X-Ray Fluorescence Spectrometer for Obsidian Provenance Research in Southern Arizona	Evaluation of the Bruker Tracer III-V	Fertelmes, Craig M. Loendorf, Chris			Meeting Proceedings	Archaeology

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Roman bronze artefacts from Thamusida (Morocco): chemical and phase analyses	bronze metal composition	Gliozzo, E. Kockelmann, W.A. Bartoli, L. Tykot, R.H.	2011	Nuclear Instruments and Methods in Physics Research Section B	Journal	Archaeology
Non-invasive Chemical and Phase Analysis of Roman Bronze Artefacts from Thamusida (Morocco)	bronze metal composition	Gliozzo, E. Arletti, R. Cartechini, L. Imberti, S. Kockelmann, W.A. Memmi, I. Rinaldi, R. Tykot, R.H.	2010	Applied Radiation and Isotopes	Journal	Archaeology
A Fisk Patent Metallic Burial Case from Western Missouri: An Interdisciplinary and Comprehensive Effort to Reconstruct the History of an Early Settler of Lexington, Missouri	metal composition	Wescott, D.J. Brinsko, K. Golda, S.L. Nichols, J. Stewart, R. Tykot, R.H. Zamstein, L.	2010	Archaeological and Anthropological Sciences	Journal	Archaeology
Sourcing of Sardinian Obsidian Collections in the Museo Preistorico-Etnografico 'Luigi Pigorini' Using Non-Destructive Portable XRF	metal composition	Tykot, R.H.	2010	L'ossidiana del Monte Arci nel Mediterraneo. Nuovi apporti sulla diffusione, sui sistemi di produzione e sulla loro cronologia. Atti del 5° Convegno internazionale (Pau, Italia, 27-29 Giugno 2008)	Journal Meeting Proceedings	Archaeology
Mineralogy, Provenance and Manufacture of Two Middle Archaic Greenstone Pendants from Little Salt Spring, Florida: A Preliminary Non-Destructive Investigation	stone tools	Bonomo, M.F. Lowry, J.P. Gifford, J.A. Tykot, R.H.	2012	Geoarchaeology	Journal	Archaeology
Obsidian Finds on the Fringes of the Central Mediterranean: Exotic or Eccentric Exchange?	obsidian sourcing	Tykot, R.H.	2011	Exotica in the Prehistoric Mediterranean		Archaeology
Intra-Site Obsidian Subsource Patterns at Contraguda, Sardinia (Italy)	obsidian sourcing	Tykot, R.H. Lai, L. Tozzi, C.	2011	Proceedings of the 37th International Symposium on Archaeometry, 13th-16th May 2008, Siena, Italy	Meeting Proceedings	Archaeology

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Evaluation of Data Processing and Analysis Approaches for Fresco Pigments by Portable X-Ray Fluorescence Spectrometry and Portable Raman Spectroscopy	archaeometry, fresco pigments	Donais, Mary Kate George, David Duncan, Bradley Wojtas, Sara Daigle, Anna	March 2011	Analytical Methods	Journal	Archaeology
Elemental characterization of Neolithic artefacts using portable X-ray fluorescence (PXRF)	Elemental characterization	Carter, Tristan	2009	Çatalhöyük 2009 Archive Report	Technical Report	Archaeology
Multi-technique geochemical characterization of the Alca obsidian source, Peruvian Andes	Characterization of Alca obsidian source, Peru	Rademaker, Kurt Glascock, Michael D. Kaiser, Bruce Gibson, David Lux, Daniel R.	ms submitted (2012)	Geology	Journal	Archaeology