

ARCLG107: Technology and Analysis of Archaeological Material: Marcos Martinon-Torres

[View Online](#)

1.

STRAND A - TECHNOLOGY WITHIN SOCIETY .

2.

Appadurai, Arjun. *The Social Life of Things: Commodities in Cultural Perspective*. Cambridge University Press; 1986.

3.

Bentley RA, Maschner HDG, Chippindale C, eds. *Handbook of Archaeological Theories*. AltaMira Press; 2008. <https://www.dawsonera.com/abstract/9780759113602>

4.

Caple, Chris. *Objects: Reluctant Witnesses to the Past*. Routledge; 2006.
<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780203409060>

5.

Ewen, Charles Robin. *Artifacts. Vol Archaeologist's toolkit*. AltaMira Press; 2003.

6.

Hodder I, Wiley InterScience (Online service). *Entangled: An Archaeology of the*

Relationships between Humans and Things. Wiley-Blackwell; 2012.
<http://dx.doi.org/10.1002/9781118241912>

7.

Hurcombe, L. M. Archaeological Artefacts as Material Culture. Routledge; 2007.

8.

Jones A. Archaeometry and materiality: materials-based analysis in theory and practice. *Archaeometry*. 2004;46(3):327-338. doi:10.1111/j.1475-4754.2004.00161.x

9.

Kingery, W. D. Learning from Things: Method and Theory of Material Culture Studies. Smithsonian Institution Press; 1996.

10.

Latour, Bruno. Pandora's Hope: Essays on the Reality of Science Studies. Harvard University Press; 1999.

11.

Lemonnier P. The study of material culture today: Toward an anthropology of technical systems. *Journal of Anthropological Archaeology*. Published online 1986.
doi:0278-4165(86)90012-7

12.

Martinón-Torres M, Killick D. Archaeological Theories and Archaeological Sciences. The Oxford Handbook of Archaeological Theory. Published online 2015.
doi:10.1093/oxfordhb/9780199567942.013.004

13.

Miller, Heather Margaret-Louise. Archaeological Approaches to Technology.

Elsevier/Academic Press; 2007.

14.

Nanoglou S. Qualities of Humanness: Material Aspects of Greek Neolithic Anthropomorphic Imagery. *Journal of Material Culture*. 2008;13(3):311-334. doi:10.1177/1359183508095498

15.

Orton C, Hughes M. Pottery in Archaeology. Vol Cambridge manuals in archaeology. 2nd ed. Cambridge University Press; 2013.

16.

Olsen, Bjørnar. In Defense of Things: Archaeology and the Ontology of Objects. Vol Archaeology in society series. Rowman & Littlefield Publishers; 2010.

17.

Schick KD, Toth NP. Making Silent Stones Speak: Human Evolution and the Dawn of Technology. Phoenix; 1995.

18.

Schiffer, Michael B., Miller, Andrea R. The Material Life of Human Beings: Artifacts, Behavior, and Communication. Routledge; 1999.

19.

Sigaut F. Technology. In: Companion Encyclopedia of Anthropology. Vol Routledge world reference. [New ed.]. Routledge; 2002:420-459.

<https://contentstore.cla.co.uk//secure/link?id=80c47916-5436-e711-80c9-005056af4099>

20.

Tilley, Christopher Y. *Handbook of Material Culture*. SAGE; 2006.
<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9781446206430>

21.

Thornton C. Archaeometallurgy. In: *Metals and Societies: Studies in Honour of Barbara S. Ottaway*. Vol Universitätsforschungen zur prähistorischen Archäologie. R. Habelt; 2009:25-33.

22.

Boivin, Nicole. *Material Cultures, Material Minds: The Impact of Things on Human Thought, Society, and Evolution*. Cambridge University Press; 2008.

23.

Conneller C. *An Archaeology of Materials: Substantial Transformations in Early Prehistoric Europe*. Vol Routledge studies in archaeology. Routledge; 2011.

24.

Dant, Tim. *Material Culture in the Social World: Values, Activities, Lifestyles*. Open University Press; 1999.

25.

Donald M, Hurcombe LM. *Gender and Material Culture in Historical Perspective*. Vol Studies in gender and material culture. Macmillan; 2000.

26.

Henare, Amiria J. M., Holbraad, Martin, Wastell, Sari. *Thinking through Things: Theorising Artefacts Ethnographically*. Routledge; 2007.
<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780203088791>

27.

Hallam E, Ingold T, eds. Making and Growing: Anthropological Studies of Organisms and Artefacts. Vol Anthropological studies of creativity and perception. Ashgate; 2014.

28.

Lubar, Steven D., Kingery, W. D. History from Things: Essays on Material Culture. Smithsonian Institution Press; 1993.

29.

Meskell, Lynn. Archaeologies of Materiality. Blackwell; 2006.

30.

Miller, Daniel. Materiality. Duke University Press; 2005.

31.

Olsen B. In Defense of Things: Archaeology and the Ontology of Objects. Vol Archaeology in society series. Rowman & Littlefield Publishers; 2010.

32.

Andrefsky, William. Lithics: Macroscopic Approaches to Analysis. Vol Cambridge manuals in archaeology. 2nd ed. Cambridge University Press; 2005.

33.

Henderson, Julian. The Science and Archaeology of Materials: An Investigation of Inorganic Materials. Routledge; 2000.

34.

Orton, Clive, Hughes, Mike. Pottery in Archaeology. Vol Cambridge manuals in archaeology. 2nd ed. Cambridge University Press; 2013.

35.

Rice, Prudence M. Pottery Analysis: A Sourcebook. University of Chicago Press; 1987.

36.

Schick, Kathy Diane, Toth, Nicholas Patrick. Making Silent Stones Speak: Human Evolution and the Dawn of Technology. Phoenix; 1993.

37.

Ingold T. Materials against materiality. *Archaeological Dialogues*. 2007;14(01). doi:10.1017/S1380203807002127

38.

Kopytoff I. The cultural biology of things: commoditization as a process. In: *The Social Life of Things: Commodities in Cultural Perspective*. Cambridge University Press; 1986:64-94.
<http://quod.lib.umich.edu/cgi/t/text/pageviewer-idx?c=acls;cc=acls;rgn=full%20text;idno=heb32141.0001.001;didno=heb32141.0001.001;node=heb32141.0001.001%3A5.2;view=image;seq=00000079>

39.

Meskell, Lynn. Object Worlds in Ancient Egypt: Material Biographies Past and Present. Vol Materializing culture. Berg; 2004.

40.

Meskell L. Introduction, object orientations. In: *Archaeologies of Materiality*. Blackwell; 2006:1-17. doi:10.1002/9780470774052.ch1

41.

Olsen, Bjørnar. In Defense of Things: Archaeology and the Ontology of Objects. Vol Archaeology in society series. Rowman & Littlefield Publishers; 2010.

42.

Adams WY. Archaeological classification: theory versus practice. *Antiquity*. 1988;56(234):40-56. <http://search.proquest.com/docview/1293842480?accountid=14511>

43.

Brian Hayden. Are Emic Types Relevant to Archaeology? *Ethnohistory*. 1984;31(2):79-92. <http://www.jstor.org.libproxy.ucl.ac.uk/stable/482057>

44.

Sørensen M. 'Paradigm lost' - on the state of typology within archaeological theory. In: *Paradigm Found: Archaeological Theory Present, Past and Future : Essays in Honour of Even NeustupnÃ½*. Oxbow Books; 2015:84-94.

45.

Adams, William Yewdale, Adams, Ernest W. *Archaeological Typology and Practical Reality: A Dialectical Approach to Artifact Classification and Sorting*. Cambridge University Press; 1991.

46.

Barrett JC. Bronze Age pottery and the problem of classification. In: *Papers on the Prehistoric Archaeology of Cranborne Chase*. Vol Oxbow monograph. Oxbow; 1991:201-230.
<https://contentstore.cla.co.uk/secure/link?id=57e50199-1364-e811-80cd-005056af4099>

47.

Biers, William R. *Art, Artefacts, and Chronology in Classical Archaeology*. Vol Approaching the ancient world. Routledge; 1992.

48.

Lewis R. Binford. Archaeology as Anthropology. *American Antiquity*. 1962;28(2):217-225.
<http://www.jstor.org/stable/278380>

49.

Binford LR. Archaeological perspectives. In: *New Perspectives in Archaeology*. Aldine; 1968:155-186.
<https://contentstore.cla.co.uk//secure/link?id=2168a4ec-4d36-e711-80c9-005056af4099>

50.

Michael S. Bisson. Nineteenth Century Tools for Twenty-First Century Archaeology? Why the Middle Paleolithic Typology of François Bordes Must Be Replaced. *Journal of Archaeological Method and Theory*. 2000;7(1):1-48.
http://www.jstor.org.libproxy.ucl.ac.uk/stable/20177411?seq=1#page_scan_tab_contents

51.

Buck, Caitlin E., Millard, Andrew. Tools for Constructing Chronologies: Crossing Disciplinary Boundaries. Vol Lecture notes in statistics. Springer; 2004.

52.

Carver MOH. Theory and practice in urban pottery seriation. *Journal of Archaeological Science*. 1985;12:353-366. doi:0305-4403(85)90064-0

53.

Chapman WR. Arranging ethnology: A.H.L.F. Pitt Rivers and the typological tradition. In: *Objects and Others: Essays on Museums and Material Culture*. University of Wisconsin Press; 1985:15-48. <https://muse.jhu.edu/books/9780299103231/9780299103231-3.pdf>

54.

Clarke DL, Chapman B. Analytical Archaeology. 2nd ed. Methuen; 1978.

55.

Cumberpatch CG. Towards a phenomenological approach to medieval pottery. In: Not so Much a Pot, More a Way of Life: Current Approaches to Artefact Analysis in Archaeology. Vol Oxbow monograph. Oxbow; 1997:125-152.

<https://contentstore.cla.co.uk//secure/link?id=039ae9df-8f36-e711-80c9-005056af4099>

56.

Dunnell RC. Methodological issues in Americanist artifact classification. Advances in archaeological method and theory. 1986;9:149-207. <http://www.jstor.org/stable/20210077>

57.

Fish PR. Consistency in Archaeological Measurement and Classification: A Pilot Study. American Antiquity. 1978;43(1):86-89. <http://www.jstor.org/stable/279635>

58.

Gräslund, Bo. The Birth of Prehistoric Chronology: Dating Methods and Dating Systems in Nineteenth-Century Scandinavian Archaeology. Vol New studies in archaeology. Cambridge University Press; 1987.

59.

Ian Hodder. The Narrative and Rhetoric of Material Culture Sequences. World Archaeology. 1993;25(2):268-282.

<http://www.jstor.org.libproxy.ucl.ac.uk/stable/124819?&Search=yes&searchText=narrative&searchText=sequences&searchText=rhetoric&searchText=culture&searchText=material&list=hide&searchUri=%252Faction%252FdoBasicSearch%253FQuery%253DThe%252Bnarrative%252Band%252Brhetoric%252Bof%252Bmaterial%252Bculture%252Bsequences%2526Search%253DSearch%2526wc%253Don%2526fc%253Doff%2526globalSearch%253D%2526sbbBox%253D%2526sbjBox%253D%2526sbpBox%253D&prevSearch=&item=3&ttl=3322&returnArticleService=showFullText>

60.

Kempton, Willett. The Folk Classification of Ceramics: A Study of Cognitive Prototypes. Vol Language, thought, and culture. Academic Press; 1981.

61.

Klein LS. Archaeological Typology. Vol BAR international series. B.A.R.; 1982.

62.

Margolis, Eric, Laurence, Stephen. Creations of the Mind: Theories of Artifacts and Their Representation. Oxford University Press; 2007.

63.

Miller D. Artefacts as products of human categorisation processes. In: Symbolic and Structural Archaeology. Vol New directions in archaeology. Cambridge University Press; 1982:17-25. doi:10.1017/CBO9780511558252.003

64.

Miller, Daniel. Artefacts as Categories: A Study of Ceramic Variability in Central India. Vol New studies in archaeology. Cambridge University Press; 1985.

65.

Montelius O, Lindqvist S. Die Älteren Kulturperioden Im Orient Und in Europa I. Selbstverlag des verfassers; 1903.

66.

Stephen Plog. Analysis of Style in Artifacts. Annual Review of Anthropology. 1983;12:125-142. <http://www.jstor.org.libproxy.ucl.ac.uk/stable/2155643>

67.

Stephen Plog and Jeffrey L. Hantman. Chronology Construction and the Study of Prehistoric Culture Change. Journal of Field Archaeology. 1990;17(4):439-456.

<http://www.jstor.org.libproxy.ucl.ac.uk/stable/530005>

68.

Read, Dwight W. *Artifact Classification: A Conceptual and Methodological Approach*. Left Coast Press; 2007.

69.

Prudence M. Rice. Rethinking the Ware Concept. *American Antiquity*. 1976;41(4):538-543.
<http://www.jstor.org/stable/279024>

70.

Rowley-Conwy P. From Genesis to Prehistory: The Archaeological Three Age System and Its Contested Reception in Denmark, Britain, and Ireland. Oxford University Press; 2007.

71.

Sackett J. Approaches to style in lithic archaeology. *Journal of Anthropological Archaeology*. Published online 1982:59-112. doi:0278-4165(82)90008-3

72.

Schnapp A. Between antiquarians and archaeologists--continuities and ruptures. *Antiquity*. 2002;76(291):134-140. <http://search.proquest.com/docview/217579824?accountid=14511>

73.

Wendrich W. *The World According to Basketry.*; 1999.
<http://escholarship.org/uc/item/6n42w0rg>

74.

Wheat JB. Ceramic classification: Bradfield and Shepard, types and varieties. In: *The Ceramic Legacy of Anna O. Shepard*. University Press of Colorado; 1991:121-131.

75.

White JP, Thomas DH. What mean these stones? Ethnotaxonomic models and archaeological interpretations in the New Guinea Highlands. In: Models in Archaeology. Methuen; 1972:275-308.

<https://contentstore.cla.co.uk//secure/link?id=8ad5028d-5636-e711-80c9-005056af4099>

76.

Widemann F. Why is archaeometry so boring for archaeologists? In: Archaeological Ceramics: Papers Presented at a Seminar on Ceramics as Archaeological Material Held at the Smithsonian Institution, Washington, D.C. Smithsonian Institution Press; 1982:29-36.

77.

Wylie A. The typology debate. In: Thinking from Things: Essays in the Philosophy of Archaeology. University of California Press; 2002:42-56.

78.

Benco NL. Worked bone tools: Linking metal artisans and animal processors in medieval Islamic Morocco. *Antiquity*. 2002;76(292):447-457.

<http://search.proquest.com/docview/217562124?accountid=14511>

79.

Schlanger N. The Chaîne Opératoire. In: Archaeology: The Key Concepts. Vol Routledge key guides. Routledge; 2005:14-18.

<https://www.dawsonera.com/readonline/9780203491096/startPage/15>

80.

SILLAR B, TITE MS. THE CHALLENGE OF 'TECHNOLOGICAL CHOICES'FOR MATERIALS SCIENCE APPROACHES IN ARCHAEOLOGY. *Archaeometry*. 2000;42(1):2-20.
doi:10.1111/j.1475-4754.2000.tb00863.x

81.

Collins MB. Lithic technology as a means of processual inference. In: *Lithic Technology: Making and Using Stone Tools*. Vol World anthropology. Mouton; 1975:15-34.

82.

Françoise Audouze. Leroi-Gourhan, a Philosopher of Technique and Evolution. *Journal of Archaeological Research*. 2002;10(4):277-306.

<http://www.jstor.org.libproxy.ucl.ac.uk/stable/41053189>

83.

Bar-Yosef O, Van Peer P. The Chaine Operatoire Approach in Middle Paleolithic Archaeology. *Current Anthropology*. 2009;50(1):103-131. doi:10.1086/592234

84.

Binford RL. Hunters in a landscape. In: *In Pursuit of the Past: Decoding the Archaeological Record*. Thames and Hudson; 1983:109-143.

<https://contentstore.cla.co.uk//secure/link?id=1905bffa-5736-e711-80c9-005056af4099>

85.

Chanteller C. Lithic technology and the Chaîne Opératoire. In: *Prehistoric Britain*. Vol Blackwell studies in global archaeology. Blackwell; 2008:160-176.

86.

Crabtree DE. Comments of lithic technology and experimental archaeology. In: *Lithic Technology: Making and Using Stone Tools*. Vol World anthropology. Mouton; 1975:105-113.

87.

David N, Kramer C. Studying artifacts: functions, operating sequences, taxonomy. In: *Ethnoarchaeology in Action*. Vol Cambridge world archaeology. Cambridge University Press; 2001:138-167. doi:10.1017/CBO9781316036488.007

88.

Elizabeth DeMarrais, Luis Jaime Castillo and Timothy Earle. Ideology, Materialization, and Power Strategies. *Current Anthropology*. 1996;37(1):15-31.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/2744153>

89.

Dobres MA. Technology's links and chaînes : the processual unfolding of technique and technician. In: *The Social Dynamics of Technology: Practice, Politics, and World Views*. Smithsonian Institution Press; 1999:124-146.

90.

Chris Gosden and Yvonne Marshall. The Cultural Biography of Objects. *World Archaeology*. 1999;31(2):169-178. <http://www.jstor.org.libproxy.ucl.ac.uk/stable/125055>

91.

Holtorf C. Notes on the Life History of a Pot Sherd. *Journal of Material Culture*. 2002;7(1):49-71. doi:10.1177/1359183502007001305

92.

Hoskins, Janet. *Biographical Objects: How Things Tell the Stories of People's Lives*. Routledge; 1998.

93.

Hurcombe L. Plant processing for cordage and textiles using serrated flint edges: new chaines opératoires suggested by ethnographic, archaeological and experimental evidence for bast fibre processing. In: *Plant Processing Form a Prehistoric and Ethnographic Perspective =: Préhistoire et Ethnographie Du Travail Des Plantes : Proceedings of a Workshop at Ghent University (Belgium) November 28, 2006*. Vol BAR international series. John & Erica Hedges; 2007:41-66.

94.

Ingold T. 'Tools for the Hand, Language for the Face': An Appreciation of Leroi-Gourhan's

Gesture and Speech. Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences. 1999;30(4):411-453.
doi:10.1016/S1369-8486(99)00022-9

95.

Jeffra CD. Experimental approaches to archaeological ceramics: unifying disparate methodologies with the chaîne opératoire. Archaeological and Anthropological Sciences. 2015;7(1):141-149. doi:10.1007/s12520-014-0177-4

96.

Jennings J, Antrobus KL, Atencio SJ, et al. "Drinking Beer in a Blissful Mood" Alcohol Production, Operational Chains, and Feasting in the Ancient World. Current Anthropology. 2005;46(2):275-303. doi:10.1086/427119

97.

Lemonnier, Pierre. Elements for an Anthropology of Technology. Vol Anthropological papers / Museum of Anthropology, University of Michigan. Museum of Anthropology, University of Michigan; 1992.

98.

Lemonnier, Pierre. Technological Choices: Transformation in Material Cultures since the Neolithic. Vol Material cultures. Routledge; 1993.

99.

Lucas G. Case study: the life and times of a Roman jar. In: The Archaeology of Time. Vol Themes in archaeology. Routledge; 2005:95-113.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45056.pdf

100.

Meskell, Lynn. Object Worlds in Ancient Egypt: Material Biographies Past and Present. Vol Materializing culture. Berg; 2004.

101.

Rye, Owen S. Pottery Technology: Principles and Reconstruction. Vol Manuals on archeology. Taraxacum; 1981.

102.

Shanks M. The life of an artefact in an interpretive archaeology.
<http://documents.stanford.edu/michaelshanks/229>

103.

Schiffer MB. Behavioral chain analysis: activities, organization and the use of space. In: Behavioral Archaeology: First Principles. Vol Foundations of archaeological inquiry. University of Utah Press; 1995:103-174.

104.

Schlanger N. Mindful technology: unleashing the chaîne opératoire for an archaeology of mind. In: The Ancient Mind: Elements of Cognitive Archaeology. Vol New directions in archaeology. Cambridge University Press; 1994:143-151.
doi:10.1017/CBO9780511598388.015

105.

Schlanger N, Sinclair A. Technology in the Humanities. Archaeological review from Cambridge. 1990;9(1):3-167.

106.

Skibo JM, Schiffer MB. Understanding artifact variability and change: a behavioral framework. In: Anthropological Perspectives on Technology. Vol Amerind Foundation New World studies series. University of New Mexico Press; 2001:139-149.

107.

Vidale M. Operational sequences beyond linearity. In: Papers from the EAA Third Annual Meeting at Ravenna 1997. Vol BAR international series. Archaeopress; 1998:179-184.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45067.pdf

108.

Rapp, George Robert. Archaeomineralogy. Vol Natural science in archaeology. 2nd ed. Springer; 2009.

109.

Ashurst, John, Dimes, Francis G., Honeyborne, D. B. Conservation of Building and Decorative Stone: Vol. 1. Vol Butterworths series in conservation and museology. Butterworths; 1990.

110.

Bachmann, H. G. The Identification of Slags from Archaeological Sites. Vol Occasional publication. Institute of Archaeology; 1982.

111.

Bayley J, Dungworth D, Paynter S. Centre for Archaeology Guidelines: Archaeometallurgy. English Heritage; 2001. <http://www.english-heritage.org.uk/publications>

112.

Leo Biek and Justine Bayley. Glass and other Vitreous Materials. World Archaeology. 1979;11(1):1-25. <http://www.jstor.org/stable/124331>

113.

Freestone, Ian, Gaimster, David R. M. Pottery in the Making: World Ceramic Traditions. British Museum Press; 1997.

114.

Gleba, Margarita. Textile Production in Pre-Roman Italy. Vol Ancient textiles series. Oxbow Books; 2008.

115.

Hurcombe, L. M. Archaeological Artefacts as Material Culture. Routledge; 2007.

116.

Orton, Clive, Hughes, Mike. Pottery in Archaeology. Vol Cambridge manuals in archaeology. 2nd ed. Cambridge University Press; 2013.

117.

Paynter S, Dungworth D. Archaeological Evidence for Glassworking. English Heritage; 2011. <http://www.english-heritage.org.uk/publications/glassworkingguidelines/glassworking-guide-lines.pdf>

118.

Thomson, Roy, Mould, Quita. Leather Tanneries: The Archaeological Evidence. Archetype; 2011.

119.

Tomber, R., Dore, John, English Heritage, British Museum, National Roman Fabric Reference Collection, Museum of London. The National Roman Fabric Reference Collection: A Handbook. Vol MoLAS monograph. Museum of London Archaeology Service; 1998.

120.

BGS Rock Classification Scheme - British Geological Survey. <http://www.bgs.ac.uk/bgsrscs/>

121.

Archaeological Geology of Ancient Egypt.
http://www.eeescience.utoledo.edu/Faculty/Harrell/Egypt/AGRG_Home.html

122.

Utilitarian Stones. Published 2012. <http://escholarship.org/uc/item/77t294df#page-1>

123.

Building Stones. Published 2012.
<http://escholarship.org/uc/item/3fd124g0?query=building%20stones#page-1>

124.

Pigments through the Ages - detailed pigment histories, recipes.
<http://www.webexhibits.org/pigments/>

125.

Mineralogy Database - Mineral Collecting, Localities, Mineral Photos and Data.
<http://www.mindat.org/>

126.

Freestone I. Chapter 4: Pliny on Roman glassmaking. In: Archaeology, History and Science: Integrating Approaches to Ancient Materials. Vol Publications of the Institute of Archaeology, University College London. Left Coast Press; 2008:77-100.
<http://www.UCL.eblib.com/patron/Read.aspx?p=677776&pg=1>

127.

Freestone I, Huges M, Stapleton C. The composition and production of Anglo-Saxon glass. In: Catalogue of Anglo-Saxon Glass in the British Museum. Vol British Museum research publication. British Museum; 2008:29-46.
http://www.britishmuseum.org/research/publications/research_publications_series/2008/catalogue_of_anglo_saxon_glass.aspx

128.

Paynter S, Dungworth D. Archaeological Evidence for Glassworking. English Heritage; 2011.
<http://www.english-heritage.org.uk/publications/glassworkingguidelines/glassworking-guidelines.pdf>

129.

Price, J., Cottam, Sally. Romano-British Glass Vessels: A Handbook. Vol Practical handbooks in archaeology. Council for British Archaeology; 1998.

130.

Strand EA, Frei KM, Gleba M, Mannering U, Nosch ML, Skals I. Old Textiles -- New Possibilities. European Journal of Archaeology. 2010;13(2):149-173.
doi:10.1177/1461957110365513

131.

Barber, E. J. W. Prehistoric Textiles: The Development of Cloth in the Neolithic and Bronze Ages with Special Reference to the Aegean. Princeton University Press; 1991.

132.

Jørgensen, Lise Bender. North European Textiles until AD 1000. Aarhus University Press; 1992.

133.

Gleba, Margarita, Mannering, Ulla. Textiles & Textile Production in Europe: From Prehistory to AD 400. Vol Ancient textiles series. Oxbow; 2012.

134.

Harris S. Smooth and cool or warm and soft, investigating the properties of cloth in prehistory. In: North European Symposium for Archaeological Textiles X. Vol Ancient textiles series. Oxbow Books; 2009:112-140.

http://www.academia.edu/203730/Smooth_and_cool_or_warm_and_soft_investigating_the_properties_of_cloth_in_prehistory._In_E._Andersson,_Strand_M._Gleba_U._Mannering_C._Munkholt_M._Ringgaard_eds._North_European_Symposium_for_Archaeological_Textiles_X._Oxford_Oxbow_Books_Ancient_Textiles_Series_5_pp._140-112

135.

Technological examination of Neolithic-Bronze Age pottery from central and southeast

Europe and from the Near East. Journal of Archaeological Science. Published online 1981.
doi:0305-4403(81)90012-1

136.

Orton, Clive, Hughes, Mike. Pottery in Archaeology. Vol Cambridge manuals in archaeology.
2nd ed. Cambridge University Press; 2013.

137.

Quinn, Patrick S. Ceramic Petrography: The Interpretation of Archaeological Pottery &
Related Artefacts in Thin Section. Archaeopress; 2013.

138.

Bachmann, H. G. The Identification of Slags from Archaeological Sites. Vol Occasional
publication. Institute of Archaeology; 1982.

139.

Bayley J, Dungworth D, Paynter S. Centre for Archaeology Guidelines: Archaeometallurgy.
English Heritage; 2001. <http://www.english-heritage.org.uk/publications>

140.

Bayley J, Crossley DW, Ponting M, Historical Metallurgy Society. Metals and Metalworking: A
Research Framework for Archaeometallurgy. Vol Occasional publication / Historical
Metallurgy Society. Historical Metallurgy Society; 2008.

141.

Craddock PT. Early Metal Mining and Production. Edinburgh University Press; 1995.

142.

Roberts BW, Thornton CP, eds. Archaeometallurgy in Global Perspective: Methods and
Syntheses. Springer; 2014.

<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9781461490173>

143.

Andrefsky, William. *Lithics: Macroscopic Approaches to Analysis*. Vol Cambridge manuals in archaeology. 2nd ed. Cambridge University Press; 2005.

144.

Mesoudi A. *Cultural Evolution: How Darwinian Theory Can Explain Human Culture and Synthesize the Social Sciences*. University of Chicago Press; 2011.

145.

Schick, Kathy Diane, Toth, Nicholas Patrick. *Making Silent Stones Speak: Human Evolution and the Dawn of Technology*. Phoenix; 1993.

146.

Whittaker, John C. *Flintknapping: Making and Understanding Stone Tools*. University of Texas Press; 1994.

147.

Eerkens JW, Lipo CP. Cultural transmission, copying errors, and the generation of variation in material culture and the archaeological record. *Journal of Anthropological Archaeology*. 2005;24(4):316-334. doi:10.1016/j.jaa.2005.08.001

148.

Brian Hayden. Practical and Prestige Technologies: The Evolution of Material Systems. *Journal of Archaeological Method and Theory*. 1998;5(1):1-55.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/20177377>

149.

Martinón-Torres M, Uribe-Villegas MA. Technology and Culture in the Invention of Lost-wax Casting in South America: an Archaeometric and Ethnoarchaeological Perspective. Cambridge Archaeological Journal. 2015;25(01):377-390.
doi:10.1017/S0959774314001164

150.

Bailey GN. Concepts, time-scales and explanations in economic prehistory. In: Economic Archaeology: Towards an Integration of Ecological and Social Approaches. Vol BAR international series. B.A.R.; 1981:97-117.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45090.pdf

151.

Barnett, William, Hoopes, John W. The Emergence of Pottery: Technology and Innovation in Ancient Societies. Vol Smithsonian series in archaeological inquiry. Smithsonian Institution Press; 1995.

152.

Basalla, George. The Evolution of Technology. Vol Cambridge history of science. Cambridge University Press; 1988.

153.

Bayley J. Innovation in later medieval urban metalworking. Historical metallurgy: journal of the Historical Metallurgy Society. 1996;30:67-71.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45091.pdf

154.

Blackman MJ, Stein GJ, Vandiver PB. The Standardization Hypothesis and Ceramic Mass Production: Technological, Compositional, and Metric Indexes of Craft Specialization at Tell Leilan, Syria. American Antiquity. 1993;58(1):60-80. <http://www.jstor.org/stable/281454>

155.

Charlton MF, Crew P, Rehren T, Shennan SJ. Explaining the evolution of ironmaking recipes

- An example from northwest Wales. *Journal of Anthropological Archaeology*. 2010;29(3):352-367. doi:10.1016/j.jaa.2010.05.001

156.

Costin C. The impact of the Inca conquest on local technology in the Upper Mantaro Valley, Peru. In: What's New?: A Closer Look at the Process of Innovation. Vol One world archaeology. Unwin Hyman; 1989:107-139.

157.

Crossley D. The English glassmaker and his search for materials in the 16th and 17th centuries. In: The Prehistory & History of Glassmaking Technology. Vol Ceramics and civilization. American Ceramic Society; 1998.

<https://contentstore.cla.co.uk/secure/link?id=5e208207-d864-e811-80cd-005056af4099>

158.

Fitzhugh B. Risk and Invention in Human Technological Evolution. *Journal of Anthropological Archaeology*. 2001;20(2):125-167. doi:10.1006/jaar.2001.0380

159.

Brian Hayden. Practical and Prestige Technologies: The Evolution of Material Systems. *Journal of Archaeological Method and Theory*. 1998;5(1):1-55.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/20177377>

160.

Henderson et al. J. Experiment and innovation: early Islamic industry at al-Raqqa, Syria. *Antiquity*. 2005;79:130-145.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=asu&AN=505112931&site=ehost-live&scope=site>

161.

Humphris J, Martinón-Torres M, Rehren T, Reid A. Variability in single smelting episodes – a pilot study using iron slag from Uganda. *Journal of Archaeological Science*.

2009;36(2):359-369. doi:10.1016/j.jas.2008.09.020

162.

Knecht H. The role of innovation in changing early upper paleolithic organic projectile technologies - ResearchGate. Techniques et Culture. Published online 1991:115-144. http://www.researchgate.net/publication/30453447_The_role_of_innovation_in_changing_early_upper_paleolithic_organic_projectile_technologies

163.

Lechtman H. Andean value systems and the development of prehistoric metallurgy. Technology and culture. 1984;25:1-36. <http://muse.jhu.edu/journals/tech/>

164.

Lesick, Kurtis, University of Calgary. Eureka: The Archaeology of Innovation & Science : Proceedings of the Twenty-Ninth Annual Conference of the Archaeological Association of the University of Calgary. Archaeological Association of the University of Calgary; 2002.

165.

Loney HL. Society and Technological Control: A Critical Review of Models of Technological Change in Ceramic Studies. American Antiquity. 2000;65(4):646-668. <http://www.jstor.org/stable/2694420>

166.

Martinón-Torres M. Inside Solomon's House: An Archaeological Study of the Old Ashmolean Chymical Laboratory in Oxford*. Ambix. 2012;59(1):22-48.
doi:10.1179/174582312X13296104891436

167.

Martinon-Torres M, Rehren T. Post-medieval crucible productionand distribution: a study of materials and materialities. Archaeometry. 2009;51(1):49-74.
http://www.ucl.ac.uk/archaeology/people/staff/rehren/usercontent_profile/MMTRehrenMaterialityCruciblesAmetry51.pdf

168.

Mellars P. Technological changes across the Middle-upper Palaeolithic transition: economic, social and cognitive perspectives. In: *The Human Revolution: Behavioural and Biological Perspectives on the Origins of Modern Humans*. Edinburgh University Press; 1989:338-365.
<https://contentstore.cla.co.uk/secure/link?id=697b38f3-ba64-e811-80cd-005056af4099>

169.

Moorey PR. The mobility of artisans and opportunities for technology transfer between Western Asia and Egypt in the Late Bronze Age. In: *The Social Context of Technological Change: Egypt and the Near East, 1650-1550 B.C. : Proceedings of a Conference Held at St Edmund Hall, Oxford, 12-14 September 2000*. Oxbow; 2001:1-14.

170.

Margaret C. Nelson. The Study of Technological Organization. *Archaeological Method and Theory*. 1991;3:57-100. <http://www.jstor.org.libproxy.ucl.ac.uk/stable/20170213>

171.

Michael J. O'Brien, Thomas D. Holland, Robert J. Hoard and Gregory L. Fox. Evolutionary Implications of Design and Performance Characteristics of Prehistoric Pottery. *Journal of Archaeological Method and Theory*. 1994;1(3):259-304.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/20177313>

172.

Raymond, Robert. *Out of the Fiery Furnace: The Impact of Metals on the History of Mankind*. Pennsylvania State UP; 1986.

173.

Rehder JE. Blowpipes versus bellows in ancient metallurgy. *Journal of Field Archaeology*. 1994;21(3).
<http://www.ingentaconnect.com/content/maney/jfa/1994/00000021/00000003/art00005>

174.

Rehren T, Martinon-Torres M. Chapter 9: Naturam ars imitata: European brassmaking between craft and science. In: Archaeology, History and Science: Integrating Approaches to Ancient Materials. Vol Publications of the Institute of Archaeology, University College London. Left Coast Press; 2008:167-188.

<http://www.UCL.eblib.com/patron/Read.aspx?p=677776&pg=1>

175.

Rehren T, Pusch E, Herold A. Glass coloring works within a copper-centered industrial complex in Late Bronze Age Egypt. In: The Prehistory & History of Glassmaking Technology . Vol Ceramics and civilization. American Ceramic Society; 1998:227-250.
http://www.academia.edu/1082340/Glass_coloring_works_within_a_copper-centered_industrial_complex_in_Late_Bronze_Age_Egypt

176.

Roberts BW, Radivojević M. Invention as a Process: Pyrotechnologies in Early Societies. Cambridge Archaeological Journal. 2015;25(01):299-306.
doi:10.1017/S0959774314001188

177.

Roux V. Ceramic Standardization and Intensity of Production: Quantifying Degrees of Specialization. American Antiquity. 2003;68(4):768-782.
<http://www.jstor.org/stable/3557072>

178.

Roux V. Technological innovations and developmental trajectories: social factors as evolutionary forces. In: Innovation in Cultural Systems: Contributions from Evolutionary Anthropology. Vol Vienna series in theoretical biology. MIT Press; 2010:217-234.

179.

Schiffer MB. The explanation of long-term technological change. In: Anthropological Perspectives on Technology. Vol Amerind Foundation New World studies series. University of New Mexico Press; 2001:215-235.

180.

Michael Brian Schiffer. The Devil Is in the Details: The Cascade Model of Invention Processes. *American Antiquity*. 2005;70(3):485-502. <http://www.jstor.org/stable/40035310>

181.

Schiffer, Michael B. *Studying Technological Change: A Behavioral Approach*. Vol Foundations of archaeological inquiry. University of Utah Press; 2011.

182.

S. J. Shennan and J. R. Wilkinson. Ceramic Style Change and Neutral Evolution: A Case Study from Neolithic Europe. *American Antiquity*. 2001;66(4):577-593.
<http://www.jstor.org/stable/2694174>

183.

Shennan, Stephen. *Genes, Memes and Human History: Darwinian Archaeology and Cultural Evolution*. Thames & Hudson; 2002.

184.

Shennan S. Long-term trajectories of technological change. In: Richerson PJ, Christiansen MH, eds. *Cultural Evolution: Society, Technology, Language and Religion*. Cambridge, Mass.: MIT Press; 2013:143-155.

185.

Shortland AJ. Hopeful monsters? Invention and innovation in the archaeological record. In: *Invention and Innovation: The Social Context of Technological Change, 2: Egypt, the Aegean and the Near East, 1650-1150 BC*. Oxbow Books; 2004:1-11.
<https://contentstore.cla.co.uk/secure/link?id=466f3fbb-b764-e811-80cd-005056af4099>

186.

Torrence, Robin, Leeuw, Sander Ernst van der. *What's New?: A Closer Look at the Process of Innovation*. Vol One world archaeology. Unwin Hyman; 1989.

187.

Van der Leeuw SE, Papousek DA, Coudart A. Technical traditions and unquestioned assumptions : the case of pottery in Michoacan. *Techniques & culture*. 1992;(17-18). doi:10.4000/tc.691

188.

David Wengrow. The Evolution of Simplicity: Aesthetic Labour and Social Change in the Neolithic Near East. *World Archaeology*. 2001;33(2):168-188.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/827897>

189.

Cathy Lynne Costin. Craft Specialization: Issues in Defining, Documenting, and Explaining the Organization of Production. *Archaeological Method and Theory*. 1991;3:1-56.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/20170212>

190.

Peacock DP. Towards a model for Roman pottery studies. In: *Pottery in the Roman World: An Ethnoarchaeological Approach*. Vol Longman archaeology series. Longman; 1982:6-11.

191.

Katherine A. Spielmann. Feasting, Craft Specialization, and the Ritual Mode of Production in Small-Scale Societies. *American Anthropologist*. 2002;104(1):195-207.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/683770>

192.

M. James Blackman, Gil J. Stein and Pamela B. Vandiver. The Standardization Hypothesis and Ceramic Mass Production: Technological, Compositional, and Metric Indexes of Craft Specialization at Tell Leilan, Syria. *American Antiquity*. 1993;58(1):60-80.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/281454>

193.

Burri E. Production and use: temper as a marker of domestic production in the case of two middle Neolithic villages in Concise. In: Archaeometric and Archaeological Approaches to Ceramics: Papers Presented at EMAC '05, 8th European Meeting on Ancient Ceramics, Lyon 2005. Vol BAR international series. Archaeopress; 2007:33-39.

194.

Castanzo RA. Ceramics on the Side: Pottery Making as an Augmentation of Household Economy in the Valley of Puebla during the Formative Period. Archeological Papers of the American Anthropological Association. 2009;19(1):133-147.
doi:10.1111/j.1551-8248.2009.01017.x

195.

Cathy Lynne Costin. The Use of Ethnoarchaeology for the Archaeological Study of Ceramic Production. Journal of Archaeological Method and Theory. 2000;7(4):377-403.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/20177427>

196.

Freestone I. Glass production in Late Antiquity and the Early Islamic period: a geochemical perspective. In: Geomaterials in Cultural Heritage. Vol Geological Society special publication. The Geological Society; 2006:201-216.
<https://contentstore.cla.co.uk//secure/link?id=51291be6-8d36-e711-80c9-005056af4099>

197.

Freestone I. Pliny on Roman glassmaking. In: Archaeology, History and Science: Integrating Approaches to Ancient Materials. Vol Publications of the Institute of Archaeology, University College London. Left Coast Press; 2008:77-100.
<http://www.ucl.eblib.com/patron/FullRecord.aspx?p=677776>

198.

Freestone I, Price J, Cartwright C. The batch: its recognition and significance. In: Annales Du 17e Congrès de l'Association Internationale Pour l'Histoire Du Verre, Anvers, 2006 =: Annales of the 17th Congress of the International Association for the History of Glass, 2006, Antwerp. University Press Antwerp; 2009:130-135.
http://www.academia.edu/3122507/The_Batch_and_its_Significance

199.

Freestone, Ian, Gaimster, David R. M. Pottery in the Making: World Ceramic Traditions. British Museum Press; 1997.

200.

Haines HR, Feinman GM, Nicholas LM. HOUSEHOLD ECONOMIC SPECIALIZATION AND SOCIAL DIFFERENTIATION: The stone-tool assemblage at El Palmillo, Oaxaca. *Ancient Mesoamerica*. 2004;15(02):251-266. doi:10.1017/S0956536104040155

201.

Henderson J, McLoughlin SD, McPhail DS. Radical changes in Islamic glass technology: evidence for conservatism and experimentation with new glass recipes from early and middle Islamic Raqqa, Syria. *Archaeometry*. 2004;46(3):439-468. doi:10.1111/j.1475-4754.2004.00167.x

202.

Henderson et al. J. Experiment and innovation: early Islamic industry at al-Raqqa, Syria. *Antiquity*. 2005;79:130-145.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=asu&AN=505112931&site=ehost-live&scope=site>

203.

Hodder, Ian, McDonald Institute for Archaeological Research. Changing Materialities at Çatalhöyük: Reports from the 1995-99 Seasons. Vol McDonald Institute monographs. McDonald Institute for Archaeological Research; 2005.

204.

Humphris J, Martinón-Torres M, Rehren T, Reid A. Variability in single smelting episodes – a pilot study using iron slag from Uganda. *Journal of Archaeological Science*. 2009;36(2):359-369. doi:10.1016/j.jas.2008.09.020

205.

Li XJ. Crossbows and imperial craft organisation: the bronze triggers of China's Terracotta Army. *Antiquity*. 2014;88(339):126-140.
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=asu&AN=94949342&site=ehost-live&scope=site>

206.

Martinón-Torres M, Li XJ, Bevan A, Xia Y, Zhao K, Rehren T. Forty Thousand Arms for a Single Emperor: From Chemical Data to the Labor Organization Behind the Bronze Arrows of the Terracotta Army. *Journal of Archaeological Method and Theory*. 2014;21(3):534-562. doi:10.1007/s10816-012-9158-z

207.

Peacock, D. P. S., University of Southampton. *Rome in the Desert: A Symbol of Power*. University of Southampton; 1992.

208.

Poblome J, Degryse P, Viaene W, et al. The Concept of a Pottery Production Centre. An Archaeometrical Contribution from Ancient Sagalassos. *Journal of Archaeological Science*. 2002;29(8):873-882. doi:10.1006/jasc.2001.0756

209.

Rehren T, Pusch E, Herold A. Glass coloring works within a copper-centered industrial complex in Late Bronze Age Egypt. In: *The Prehistory & History of Glassmaking Technology*. Vol Ceramics and civilization. American Ceramic Society; 1998:227-250.
http://www.academia.edu/1082340/Glass_coloring_works_within_a_copper-centered_industrial_complex_in_Late_Bronze_Age_Egypt

210.

Rehren T, Pusch E, Herold A. Qantir-Piramesses and the organisation of the Egyptian glass industry. In: *The Social Context of Technological Change: Egypt and the Near East, 1650-1550 B.C. : Proceedings of a Conference Held at St Edmund Hall, Oxford, 12-14 September 2000*. Oxbow; 2001:223-238.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45094.pdf

211.

Rehren T, Martinon-Torres M. Chapter 9: Naturam ars imitata: European brassmaking between craft and science. In: Archaeology, History and Science: Integrating Approaches to Ancient Materials. Vol Publications of the Institute of Archaeology, University College London. Left Coast Press; 2008:167-188.

<http://www.ucl.eblib.com/patron/FullRecord.aspx?p=677776>

212.

Prudence M. Rice, William Y. Adams, Joseph W. Ball, Whitney M. Davis, Timothy Earle, Robert E. Fry, Ian Hodder, L. R. V. Joesink-Mandeville, Charles C. Kolb, Masae Nishimura, Yasushi Kojo, Miguel Rivera Dorado, Barbara L. Stark and Sander E. Van Der Leeuw. Evolution of Specialized Pottery Production: A Trial Model [and Comments and Reply]. *Current Anthropology*. 1981;22(3):219-240.

<http://www.jstor.org.libproxy.ucl.ac.uk/stable/2742199>

213.

Prudence M. Rice. Recent Ceramic Analysis: 2. Composition, Production, and Theory. *Journal of Archaeological Research*. 1996;4(3):165-202.

<http://www.jstor.org.libproxy.ucl.ac.uk/stable/41053131>

214.

Prudence M. Rice. Late Classic Maya Pottery Production: Review and Synthesis. *Journal of Archaeological Method and Theory*. 2009;16(2):117-156.

<http://www.jstor.org.libproxy.ucl.ac.uk/stable/25653117>

215.

Valentine Roux. Ceramic Standardization and Intensity of Production: Quantifying Degrees of Specialization. *American Antiquity*. 2003;68(4):768-782. doi:10.2307/3557072

216.

Shennan S. Cost, benefit and value in the organization of early European copper production. *Antiquity*. 1999;73(280):352-363.

<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9434845>

&fulltextType=RA&fileId=S0003598X0008830X

217.

Shortland AJ. The Number, Extent and Distribution of the Vitreous Materials Workshops at Amarna. *Oxford Journal of Archaeology*. 2000;19(2):115-134.
doi:10.1111/1468-0092.00104

218.

Shortland A, Nicholson P, Jackson C. Glass and faience at Amarna: different methods of both supply for production and subsequent distribution. In: *The Social Context of Technological Change: Egypt and the Near East, 1650-1550 B.C. : Proceedings of a Conference Held at St Edmund Hall, Oxford, 12-14 September 2000*. Oxbow; 2001.

219.

Jones S. Nations, cultures and types: dismantling archaeological discourses of the Orcadian Neolithic and beyond. In: *Auf Der Suche Nach Identitäten: Volk, Stamm, Kultur, Ethnos : Internationale Tagung Der Universität Leipzig Vom 8.-9. Dezember 2000 Im Rahmen Des Sonderforschungsbereiches 417 'Regionenbezogene Identifikationsprozesse, Das Beispiel Sachsen' Und Des Teilprojektes A5 Der Professur fÄ¼r Ur- Und FrÄ¼hgeschichte 'Ethnogenese Und Traditionskonstruktion, archÄœologische Quellen Und Ihre Deutungen in Der Historiographie Des 19. Und 20. Jahrhunderts'*. Vol BAR international series. Archaeopress; 2007:81-92.

220.

Dolfini A. The function of Chalcolithic metalwork in Italy: an assessment based on use-wear analysis. *Journal of Archaeological Science*. 2011;38(5):1037-1049.
doi:10.1016/j.jas.2010.11.025

221.

Gramsch A. Vergleichen Als Historische Methode. Analogien in Den Archäologien. Vol BAR international series. Archaeopress; 2000.

222.

Goodale N, Otis H, Andrefsky W, Kuijt I, Finlayson B, Bart K. Sickle blade life-history and the transition to agriculture: an early Neolithic case study from Southwest Asia. *Journal of Archaeological Science*. 2010;37(6):1192-1201. doi:10.1016/j.jas.2009.12.017

223.

Ickerodt U. Einführung in Das Grundproblem Des Archäologisch-Kulturhistorischen Vergleichens Und Deutens. Frankfurt, Peter Lang; 2010.
<http://www.peterlang.com/index.cfm?event=cmp.ccc.seitenstruktur.detailseiten&seitentyp=produkt&pk=56299&cid=534&concordeid=59799>

224.

Bruce A. Jones. Use-Wear Analysis of White Mountain Redwares at Grasshopper Pueblo, Arizona. *Kiva*. 1989;54(4):353-360. <http://www.jstor.org.libproxy.ucl.ac.uk/stable/30247208>

225.

Lemorini C, Nunziante Cesaro S, eds. An Integration of the Use-Wear and Residue Analysis for the Identification of the Function of Archaeological Stone Tools: Proceedings of the International Workshop, Rome, March 5th-7th, 2012. Vol BAR international series. Archaeopress; 2014.

226.

Longo L, Skakun NN, Congress Prehistoric technology: 40 years later, Verona (Italy). Museo di storia naturale, Università di Verona. 'Prehistoric Technology' 40 Years Later: Functional Studies and the Russian Legacy. Vol BAR international series. Archaeopress; 2008.

227.

López Varela SL, van Gijn A, Jacobs L. De-mystifying Pottery Production in the Maya Lowlands: Detection of Traces of Use-Wear on Pottery Sherds through Microscopic Analysis and Experimental Replication. *Journal of Archaeological Science*. 2002;29(10):1133-1147. doi:10.1006/jasc.2002.0760

228.

Marreiros JM, Gibaja Bao JF, Ferreira Bicho N, eds. Use-Wear and Residue Analysis in Archaeology. Springer International Publishing; 2015. doi:10.1007/978-3-319-08257-8

229.

Gijn AL van. Flint in Focus: Lithic Biographies in the Neolithic and Bronze Age. Sidestone Press; 2010.

230.

Gijn AL van, Whittaker JC, Anderson PC, eds. Explaining and Exploring Diversity in Agricultural Technology. Vol Early agricultural remnants and technical heritage (EARTH). Oxbow Books; 2014.

231.

Skibo JM. Pottery Function: A Use-Alteration Perspective. Vol Interdisciplinary contributions to archaeology. Plenum Press; 1992.

232.

Carmen J. Commodities, rubbish and treasure: valuing archaeological objects. Archaeological review from Cambridge. 1990;9:195-207.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_47259.pdf

233.

Cochrane EE, Gardner A. Evolutionary and Interpretive Archaeologies: A Dialogue. Vol Publications of the Institute of Archaeology, University College London. Left Coast; 2011.

234.

Fernández-Götz M. La Construcción Arqueológica de La Etnicidad. Vol Serie Keltia. Toxosoutos; 2008.

235.

Jones A. Memory and Material Culture. Vol Topics in contemporary archaeology. Cambridge University Press; 2007.

236.

Jones S. The Archaeology of Ethnicity: Constructing Identities in the Past and Present. Routledge; 1997.

237.

Larick R. Age grading and ethnicity in the style of Loikop (Samburu) spears. World Archaeology. 1986;18(2):269-283. doi:10.1080/00438243.1986.9980003

238.

Lillios KT, Tsamis V. Material Mnemonics: Everyday Memory in Prehistoric Europe. Oxbow Books; 2010.

239.

Díaz-Andreu García M. The Archaeology of Identity: Approaches to Gender, Age, Status, Ethnicity and Religion. Routledge; 2005.

240.

Olivier L. The Hochdorf 'princely' grave and the question of the nature of archaeological funerary assemblages. In: Time and Archaeology. Vol One world archaeology. Routledge; 1999:109-138.

241.

Olivier L. The Dark Abyss of Time: Archaeology and Memory. Vol Archaeology in society series. AltaMira Press; 2011.

242.

Parkinson WA. Tribal boundaries: Stylistic variability and social boundary maintenance

during the transition to the Copper Age on the Great Hungarian Plain. *Journal of Anthropological Archaeology*. 2006;25(1):33-58. doi:10.1016/j.jaa.2005.06.002

243.

Porr M. Palaeolithic Art as Cultural Memory: a Case Study of the Aurignacian Art of Southwest Germany. *Cambridge Archaeological Journal*. 2010;20(01). doi:10.1017/S0959774310000065

244.

Sackett JR. Approaches to style in lithic archaeology. *Journal of Anthropological Archaeology*. 1982;1(1):59-112. doi:10.1016/0278-4165(82)90008-3

245.

S. J. Shennan and J. R. Wilkinson. Ceramic Style Change and Neutral Evolution: A Case Study from Neolithic Europe. *American Antiquity*. 2001;66(4):577-593.
<http://www.jstor.org/stable/2694174>

246.

Sørensen MLS. *Gender Archaeology*. Polity Press; 2000.

247.

Tehrani J, Collard M. Investigating cultural evolution through biological phylogenetic analyses of Turkmen textiles. *Journal of Anthropological Archaeology*. 2002;21(4):443-463. doi:10.1016/S0278-4165(02)00002-8

248.

Van Dyke RM, Alcock SE, eds. *Archaeologies of Memory*. Blackwell Publishers Ltd; 2003. doi:10.1002/9780470774304

249.

Wobst HM. Stylistic behaviour and information exchange. In: For the Director: Research Essays in Honor of James B. Griffin. Vol Anthropological papers, Museum of Anthropology. University of Michigan. Museum of Anthropology, University of Michigan; 1997:317-342.

250.

Woodward A. Beads and Beakers: heirlooms and relics in the British Early Bronze Age. *Antiquity*. 2002;76(294):1040-1047. doi:10.1017/S0003598X00091845

251.

Appadurai A. Introduction: commodities and the politics of value. In: *The Social Life of Things: Commodities in Cultural Perspective*. Cambridge University Press; 1986:3-63. doi:10.1017/CBO9780511819582.003

252.

Earle T. Exchange systems in prehistory. In: *Trade and Exchange: Archaeological Studies from History and Prehistory*. Springer; 2010:205-217. doi:10.1007/978-1-4419-1072-1_13

253.

Sahlins M. On the sociology of primitive exchange. In: *Stone Age Economics*. Routledge; 1974:185-275. http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_69459.pdf

254.

Hughes M. Tracing to source. In: *Science and the Past*. British Museum Press; 1991.

255.

Wilson L, Pollard AM. The provenance hypothesis. In: *Handbook of Archaeological Sciences*. John Wiley; 2001:507-517.

256.

Tykot RH. Archaeological provenance studies. In: Physics Methods in Archaeometry. Vol Proceedings of the International School of Physics 'Enrico Fermi'. IOS Press; 2004:407-432.

257.

Bauer AA, Agbe-Davies AS. Rethinking trade as a social activity: an introduction. In: Social Archaeologies of Trade and Exchange: Exploring Relationships among People, Places, and Things. Left Coast Press; 2010:13-28.

http://www.academia.edu/659814/Rethinking_Trade_as_a_Social_Activity_An_Introduction

258.

Crump, Thomas. The Phenomenon of Money. Routledge & Kegan Paul; 1981.

259.

George Dalton. Theoretical Issues in Economic Anthropology. Current Anthropology.

1969;10(1):63-102.

<http://www.jstor.org/stable/2740685?&Search=yes&searchText=anthropology&searchText=issues&searchText=Theoretical&searchText=economic&list=hide&searchUri=%252Facti%252FdoBasicSearch%253FQuery%253DTheoretical%252Bissues%252Bin%252Beconomic%252Banthropology%2526acc%253Don%2526wc%253Don%2526fc%253Doff&prevSearch=&item=6&ttl=42299&returnArticleService=showFullText>

260.

John H. Dowling. The Goodfellows vs. the Dalton Gang: The Assumptions of Economic Anthropology. Journal of Anthropological Research. 1979;35(3):292-308.

<http://www.jstor.org/stable/3629904>

261.

Earle T. Production and exchange in prehistory. In: Companion Encyclopedia of Archaeology. Routledge; 1999:608-635.

http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45082.pdf

262.

C. A. Gregory. Gifts to Men and Gifts to God: Gift Exchange and Capital Accumulation in Contemporary Papua. *Man*. 1980;15(4):626-652.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/2801537>

263.

Gregory CA. Exchange and reciprocity. In: Companion Encyclopedia of Anthropology. Vol Routledge world reference. [New ed.]. Routledge; 2002:911-933.

264.

Mauss, Marcel. The Gift: The Form and Reason for Exchange in Archaic Societies. Vol Routledge classics. Routledge; 2002.

265.

Polanyi, Karl. Trade and Market in the Early Empires: Economies in History and Theory. Free Press

266.

Renfrew C. Trade as action at a distance. In: Ancient Civilization and Trade. Vol School of American Research advanced seminar series. 1st ed. University of New Mexico Press; 1975:3-59.
<https://contentstore.cla.co.uk//secure/link?id=4d6d7854-7036-e711-80c9-005056af4099>

267.

Monica L. Smith. The Role of Ordinary Goods in Premodern Exchange. *Journal of Archaeological Method and Theory*. 1999;6(2):109-135.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/20177399>

268.

Weiner, Annette B. Inalienable Possessions: The Paradox of Keeping-While-Giving. University of California Press; 1992.

269.

Adams NK. Political affinities and economic fluctuations: the evidence from textiles. In: Ancient Textiles: Production, Craft and Society : Proceedings of the First International Conference on Ancient Textiles, Held at Lund, Sweden, and Copenhagen, Denmark, on March 19-23, 2003. Oxbow Books; 2007:201-207.

<https://contentstore.cla.co.uk//secure/link?id=a430ef6a-8236-e711-80c9-005056af4099>

270.

Bamforth DB, Woodman PC. Tool hoards and Neolithic use of the landscape in north-eastern Ireland. *Oxford Journal of Archaeology*. 2004;23(1):21-44.
doi:10.1111/j.1468-0092.2004.00200.x

271.

Barrett JC, Needham SP. Production, circulation and exchange: problems in the interpretation of Bronze Age bronzework. In: *The Archaeology of Context in the Neolithic and Bronze Age: Recent Trends*. Vol Recent trends series. Department of Archaeology and Prehistory, University of Sheffield; 1988:127-140.

http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45069.pdf

272.

Bell C. Wheels within wheels? A view of Mycenaean trade from the Levantine emporia. In: Emporia: Aegeans in the Central and Eastern Mediterranean : Proceedings of the 10th International Aegean Conference/10e Rencontre Égéenne Internationale, Athens, Italian School of Archaeology, 14-18 April 2004. Vol Aegaeum. Université de Liège, Histoire de l'art et archéologie de la Grèce antique; 2005:363-370.

273.

Bradley, Richard, Edmonds, M. R. Interpreting the Axe Trade: Production and Exchange in Neolithic Britain. Vol New studies in archaeology. Cambridge University Press; 1993.

274.

Clough, T. H. McK., Cummins, W. A. Stone Axe Studies: Volume 2: The Petrology of Prehistoric Stone Implements from the British Isles. Vol Research report / Council for British Archaeology. Council for British Archaeology; 1988.

275.

Cooney, Gabriel, Mandal, Stephen, Byrnes, Emmet, O'Carroll, Finola. The Irish Stone Axe Project: Monograph I. Wordwell; 1998.

276.

Cochrane EE, Neff H. Investigating compositional diversity among Fijian ceramics with laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS): implications for interaction studies on geologically similar islands. *Journal of Archaeological Science*. 2006;33(3):378-390. doi:10.1016/j.jas.2005.08.003

277.

Crawford, Michael H. Coinage and Money under the Roman Republic: Italy and the Mediterranean Economy. Vol The Library of numismatics. Methuen; 1985.

278.

Creighton, John. Coins and Power in Late Iron Age Britain. Vol New studies in archaeology. Cambridge University Press; 2000.

279.

Dietler M. Rituals of commensality and the politics of state formation in the 'Princely' societies of Early Iron Age Europe. In: *Les Princes de La Protohistoire et l'émergence de l'Etat: Actes de La Table Ronde Internationale Organisée Par Le Centre Jean Bérard et l'Ecole Française de Rome*, Naples, 27-29 Octobre 1994. Vol Collection de l'Ecole française de Rome. Centre J. Bérard; 1999:135-152.

280.

Dietler, Michael. *Archaeologies of Colonialism: Consumption, Entanglement, and Violence in Ancient Mediterranean France*. Vol The Joan Palevsky imprint in classical literature. University of California Press; 2010.

281.

Dillian, Carolyn D., White, Carolyn L. Trade and Exchange: Archaeological Studies from History and Prehistory. Springer; 2010.

282.

Edmonds, M. R. Stone Tools and Society: Working Stone in Neolithic and Bronze Age Britain. Routledge; 1995.

283.

Frankenstein S, Rowlands M. The Internal Structure and regional Context of Early Iron Age Society in South-Western Germany. In: Social Transformations in Archaeology: Global and Local Perspectives. Vol Material cultures. Routledge; 1998.

284.

Philip Grierson. Commerce in the Dark Ages: A Critique of the Evidence. Transactions of the Royal Historical Society. 1959;9:123-140. <http://www.jstor.org/stable/3678808>

285.

Kenneth G. Hirth. Political Economy and Archaeology: Perspectives on Exchange and Production. Journal of Archaeological Research. 1996;4(3):203-239.
<http://www.jstor.org/stable/41053132>

286.

Ian Hodder. Regression Analysis of Some Trade and Marketing Patterns. World Archaeology . 1974;6(2):172-189. <http://www.jstor.org/stable/124001>

287.

Hodder, Ian, Orton, Clive. Spatial Analysis in Archaeology. Vol New studies in archaeology. Cambridge University Press; 1976.

288.

Christopher Howgego. The Supply and Use of Money in the Roman World 200 B.C. to A.D. 300. *The Journal of Roman Studies*. 1992;82:1-31. <http://www.jstor.org/stable/301282>

289.

Lo Cascio E. How did the Romans view their coinage and its function? In: *Coin Finds and Coin Use in the Roman World: The Thirteenth Oxford Symposium on Coinage and Monetary History*, 25.-27.3.1993 : A NATO Advanced Research Workshop. Vol Studien zu Fundmünzen der Antike. Gebr. Mann Verlag; 1996:273-287.

290.

Minc LD. Monitoring regional market systems in prehistory: Models, methods, and metrics. *Journal of Anthropological Archaeology*. 2006;25(1):82-116. doi:10.1016/j.jaa.2005.09.003

291.

Needham S. Displacement and exchange in archaeological methodology. In: *Trade and Exchange in Prehistoric Europe: Proceedings of a Conference Held at the University of Bristol, April 1992*. published by Oxbow Books in association with the Prehistoric Society and the Société préhistorique française; 1993:161-169.

<https://contentstore.cla.co.uk/secure/link?id=d834d987-1564-e811-80cd-005056af4099>

292.

Parkinson WA. Tribal boundaries: Stylistic variability and social boundary maintenance during the transition to the Copper Age on the Great Hungarian Plain. *Journal of Anthropological Archaeology*. 2006;25(1):33-58. doi:10.1016/j.jaa.2005.06.002

293.

Peacock, D. P. S., Williams, D. F. *Amphorae and the Roman Economy: An Introductory Guide*. Vol Longman archaeology series. Longman; 1986.

294.

Perlés C. Systems of exchange and organization of production in Neolithic Greece. *Journal*

of Mediterranean archaeology. 1992;5(2):115-164. doi:10.1558/jmea.v5i2.115

295.

Stein GJ, Hollander D, Schwartz M. Reconstructing Mesopotamian Exchange Networks in the 4th Millennium BC: Geochemical and Archaeological Analyses of Bitumen Artifacts from Hacinebi Tepe, Turkey. Paléorient. 1999;25(1):67-82. doi:10.3406/paleo.1999.989

296.

Shennan S. Commodities, transactions and growth in the Central European Early Bronze Age. European journal of archaeology. 1993;1(2):59-72.
http://metalib.ucl.ac.uk:9003/sfx_local?url_ver=Z39.88-2004&ctx_ver=Z39.88-2004&ctx_enc=info:ofi/enc:UTF-8&rfr_id=info:sid/sfxit.com:opac_856&url_ctx_fmt=info:ofi/fmt:kev:mtx:ctx&sfx.ignore_date_threshold=1&rft.object_id=963017837284&svc_val_fmt=info:ofi/fmt:kev:mtx:sch_svc&

297.

Sherratt S. Eppur si muove: Pots, markets, and values in the second-millennium Mediterranean. In: The Complex Past of Pottery: Production, Circulation and Consumption of Mycenaean and Greek Pottery (Sixteenth to Early Fifth Centuries BC) : Proceedings of the ARCHON International Conference, Held in Amsterdam, 8-9 November 1996. J.C. Gieben; 1999:163-211.

298.

Sherratt AG, Sherratt ES. From luxuries to commodities: The nature of Mediterranean Bronze Age trading systems. In: Bronze Age Trade in the Mediterranean: Papers Presented at the Conference Held at Rewley House, Oxford, in December 1989. Vol Studies in Mediterranean archaeology. Åstrom; 1991:351-386.

299.

Sillar B. Reputable pots and disreputable potters: Individual and community choice in present-day pottery production and exchange in the Andes. In: Not so Much a Pot, More a Way of Life: Current Approaches to Artefact Analysis in Archaeology. Vol Oxbow monograph. Oxbow; 1997:1-20.

300.

Blinkhorn P, Cumberpatch CG. Not so Much a Pot, More a Way of Life: Current Approaches to Artefact Analysis in Archaeology. Vol Oxbow monograph. Oxbow; 1997.

301.

Van Der Leuw S. Some notes from the potter's point of view. In: The Complex Past of Pottery: Production, Circulation and Consumption of Mycenaean and Greek Pottery (Sixteenth to Early Fifth Centuries BC) : Proceedings of the ARCHON International Conference, Held in Amsterdam, 8-9 November 1996. J.C. Gieben; 1999:115-132.

302.

Woolf G. World-systems analysis and the Roman empire. Journal of Roman archaeology. 1999;3:44-58. <http://berlinarchaeology.files.wordpress.com/2013/01/woolf-1990.pdf>

303.

Flintsource.Net. <http://www.flintsource.net/>

304.

IAOS World Obsidian Source Catalog.
http://www.obsidianlab.com/sourcecatalog/s_home.html

305.

FREUND KP. AN ASSESSMENT OF THE CURRENT APPLICATIONS AND FUTURE DIRECTIONS OF OBSIDIAN SOURCING STUDIES IN ARCHAEOLOGICAL RESEARCH. *Archaeometry*. 2013;55(5):779-793. doi:10.1111/j.1475-4754.2012.00708.x

306.

Gratze B. Obsidian Characterization by Laser Ablation ICP-MS and its Application to Prehistoric Trade in the Mediterranean and the Near East: Sources and Distribution of Obsidian within the Aegean and Anatolia. *Journal of Archaeological Science*. 1999;26(8):869-881. doi:10.1006/jasc.1999.0459

307.

Herz N. Sourcing lithic artefacts by instrumental analysis. In: Earth Sciences and Archaeology. Kluwer Academic/Plenum Publishers; 2001:449-472.

308.

Huckell BB, Kilby JD, Boulanger MT, Glascock MD. Sentinel Butte: neutron activation analysis of White River Group chert from a primary source and artifacts from a Clovis cache in North Dakota, USA. *Journal of Archaeological Science*. 2011;38(5):965-976. doi:10.1016/j.jas.2010.11.011

309.

Pollard, A. M., Heron, Carl, Royal Society of Chemistry (Great Britain). Archaeological Chemistry. 2nd ed. Royal Society of Chemistry; 2008.

310.

Maniatis Y. Scientific techniques and methodologies for the provenance of white marble. In: Physics Methods in Archaeometry. Vol Proceedings of the International School of Physics 'Enrico Fermi'. IOS Press; 2004:179-202.

311.

Renfrew C, Dixon JE, Cann JR. Obsidian and early cultural contact in the Near East. *Proceedings of the Prehistoric Society*. 1966;32:30-72. doi:10.1017/S0079497X0001433X

312.

Michael E. Smith, Adrian L. Burke, Timothy S. Hare and Michael D. Glascock. Sources of Imported Obsidian at Postclassic Sites in the Yautepec Valley, Morelos: A Characterization Study Using XRF and INAA. *Latin American Antiquity*. 2007;18(4):429-450.
<http://www.jstor.org/stable/25478196>

313.

Thorpe RS. The geological sources and transport of the bluestones of Stonehenge,

Wiltshire, U.K. Proceedings of the Prehistoric Society. Published online 1991:103-157.

314.

Blomster JP. Olmec Pottery Production and Export in Ancient Mexico Determined Through Elemental Analysis. *Science*. 2005;307(5712):1068-1072. doi:10.1126/science.1107599

315.

Day PM, Kiriati E, Tsolakidou A, Kilikoglou V. Group Therapy in Crete: A Comparison Between Analyses by NAA and Thin Section Petrography of Early Minoan Pottery. *Journal of Archaeological Science*. 1999;26(8):1025-1036. doi:10.1006/jasc.1999.0424

316.

Freestone I. Ceramic Petrography. *American journal of archaeology*. 1995;99:111-115.

317.

Patrick E. McGovern, Thomas L. Sever, J. Wilson Myers, Eleanor Emlen Myers, Bruce Bevan, Naomi F. Miller, S. Bottema, Hitomi Hongo, Richard H. Meadow, Peter Ian Kuniholm, S. G. E. Bowman, M. N. Leese, R. E. M. Hedges, Frederick R. Matson, Ian C. Freestone, Sarah J. Vaughan, Julian Henderson, Pamela B. Vandiver, Charles S. Tumosa, Curt W. Beck, Patricia Smith, A. M. Child, A. M. Pollard, Ingolf Thuesen and Catherine Sease. *Science in Archaeology: A Review*. *American Journal of Archaeology*. 1995;99(1):79-142.
<http://www.jstor.org/stable/506880>

318.

Morris EL, Woodward A. Ceramic petrology and prehistoric pottery in the UK. *Proceedings of the Prehistoric Society*. 2003;69:279-304. doi:10.1017/S0079497X00001353

319.

Peacock DPS. Neolithic pottery production in Cornwall. *Antiquity*. 1969;43(170):145-149.
<http://search.proquest.com/docview/1293745764?accountid=14511>

320.

Gale NH. A response to the paper of A. M. Pollard. In: From Mine to Microscope: Advances in the Study of Ancient Technology. Oxbow Books; 2009:191-196.
<http://www.UCL.eblib.com/patron/Read.aspx?p=1696495&pg=1>

321.

Gale NH, Stos-Gale Z. Lead isotope analyses applied to provenance studies. In: Modern Analytical Methods in Art and Archaeology. Vol Chemical analysis. Wiley; 2000:503-584.

322.

GUERRA MF, CALLIGARO T, PEREA A. THE TREASURE OF GUARRAZAR: TRACING THE GOLD SUPPLIES IN THE VISIGOTHIC IBERIAN PENINSULA. *Archaeometry*. 2007;49(1):53-74.
doi:10.1111/j.1475-4754.2007.00287.x

323.

Krause, Rüdiger. Studien Zur Kupfer- Und Frühbronzezeitlichen Metallurgie Zwischen Karpatenbecken Und Ostsee. Vol Vorgeschichtliche Forschungen. Leidorf; 2003.

324.

Pernicka E. Archaeometallurgy: examples of the application of scientific methods to the provenance of archaeological metal objects. In: Physics Methods in Archaeometry. Vol Proceedings of the International School of Physics 'Enrico Fermi'. IOS Press; 2004:309-329.

325.

Pollard AM. Chapter 17: What a long, strange Trip it's been: lead Isotopes and Archaeology. In: From Mine to Microscope: Advances in the Study of Ancient Technology. Oxbow Books; 2009:181-189. <http://www.ucl.eblib.com/patron/FullRecord.aspx?p=1696495>

326.

Stos-Gale Z. Chapter 16: Across the wine dark seas.... sailor tinkers and royal cargoes in

the late Bronze Age Eastern Mediterranean. In: From Mine to Microscope: Advances in the Study of Ancient Technology. Oxbow Books; 2009:163-180.
<http://www.ucl.eblib.com/patron/FullRecord.aspx?p=1696495>

327.

Calligaro T, Dran JC, Poirot JP, Querré G, Salomon J, Zwaan JC. PIXE/PIGE characterisation of emeralds using an external micro-beam. Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms. 2000;161-163:769-774. doi:10.1016/S0168-583X(99)00974-X

328.

Calligaro T, Colinart S, Poirot JP, Sudres C. Combined external-beam PIXE and μ -Raman characterisation of garnets used in Merovingian jewellery. Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms. 2002;189(1-4):320-327. doi:10.1016/S0168-583X(01)01078-3

329.

Gratuze B, Janssens K. Provenance analysis of glass artefacts. In: Non-Destructive Microanalysis of Cultural Heritage Materials. Vol Comprehensive analytical chemistry. Elsevier; 2004:663-712.

330.

Popelka-Filcoff RS, Miksa EJ, Robertson JD, Glascock MD, Wallace H. Elemental analysis and characterization of ochre sources from Southern Arizona. Journal of Archaeological Science . 2008;35(3):752-762. doi:10.1016/j.jas.2007.05.018

331.

Robertshaw P, Wood M, Melchiorre E, Popelka-Filcoff RS, Glascock MD. Southern African glass beads: chemistry, glass sources and patterns of trade. Journal of Archaeological Science. 2010;37(8):1898-1912. doi:10.1016/j.jas.2010.02.016

332.

Stein GJ, Hollander D, Schwartz M. Reconstructing Mesopotamian Exchange Networks in

the 4th Millennium BC: Geochemical and Archaeological Analyses of Bitumen Artifacts from Hacinebi Tepe, Turkey. *Paléorient*. 1999;25(1):67-82. doi:10.3406/paleo.1999.989

333.

Weigand PC. Turquoise sources and source analysis: Mesoamerica and the southwestern USA. In: Exchange Systems in Prehistory. Vol Studies in archeology. Academic Press; 1977:15-34.

334.

Beck ME. Midden Ceramic Assemblage Formation: A Case Study from Kalinga, Philippines. *American Antiquity*. 2006;71(1):27-51. <http://www.jstor.org/stable/40035320>

335.

Hardy-Smith T, Edwards PC. The Garbage Crisis in prehistory: artefact discard patterns at the Early Natufian site of Wadi Hammeh 27 and the origins of household refuse disposal strategies. *Journal of Anthropological Archaeology*. 2004;23(3):253-289.
doi:10.1016/j.jaa.2004.05.001

336.

Schiffer MB. Chapter 1: The nature of archaeological evidence: Chapter 2: The dimensions of artifact variability. In: *Formation Processes of the Archaeological Record*. University of New Mexico Press; 1987:3-23.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_69460.pdf

337.

Lewis R. Binford. Behavioral Archaeology and the 'Pompeii Premise'. *Journal of Anthropological Research*. 1981;37(3):195-208.
<http://www.jstor.org.libproxy.ucl.ac.uk/stable/3629723?&Search=yes&searchText=archaeology&searchText=Behavioral&list=hide&searchUri=%252Faction%252FdoBasicSearch%253FQuery%253DBehavioral%252Barchaeology%252Band%252Bthe%2526Search%253DSearch%2526wc%253Don%2526fc%253Doff%2526globalSearch%253D%2526sbbBox%253D%2526sbjBox%253D%2526sbpBox%253D&prevSearch=&item=17&ttl=9941&returnArticleService=showFullText>

338.

Richard Bradley. The Destruction of Wealth in Later Prehistory. *Man*. 1982;17(1):108-122.
<http://www.jstor.org/stable/2802104>

339.

Chapman, John. Fragmentation in Archaeology: People, Places, and Broken Objects in the Prehistory of South-Eastern Europe. Routledge; 2000.

340.

Chapman, John, Gaydarska, Bisserka. Parts and Wholes: Fragmentation in Prehistoric Context. Oxbow Books; 2007.

341.

Deal M. Household pottery disposal in the Maya highlands: An ethnoarchaeological interpretation. *Journal of Anthropological Archaeology*. Published online 1985:243-291.
doi:0278-4165(85)90008-X

342.

Deal M, Hagstrum MB. Ceramic reuse behavior among the Maya and Wanka: implications for archaeology. In: *Expanding Archaeology*. University of Utah Press; 1995:111-125.

343.

Hayden B, Cannon A. Where the garbage goes: Refuse disposal in the Maya Highlands. *Journal of Anthropological Archaeology*. Published online 1983:117-163.
doi:0278-4165(83)90010-7

344.

Hill, J. D. Ritual and Rubbish in the Iron Age of Wessex: A Study on the Formation of a Specific Archaeological Record. Vol BAR British series. Tempus Reparatum; 1995.

345.

Hutson SR, Stanton TW. Cultural Logic and Practical Reason: the Structure of Discard in Ancient Maya Houselots. *Cambridge Archaeological Journal*. 2007;17(02). doi:10.1017/S0959774307000212

346.

Charles H. LeeDecker. Discard Behavior on Domestic Historic Sites: Evaluation of Contexts for the Interpretation of Household Consumption Patterns. *Journal of Archaeological Method and Theory*. 1994;1(4):345-375. <http://www.jstor.org/stable/20177317>

347.

Martin L, Russell N. Trashing rubbish. In: *Towards Reflexive Method in Archaeology: The Example at Çatalhöyük*: By Members of the Çatalhöyük Team. Vol McDonald Institute monographs. McDonald Institute for Archaeological Research; 2000:57-69.
<https://contentstore.cla.co.uk//secure/link?id=74d1321e-9136-e711-80c9-005056af4099>

348.

Moore, Henrietta L. *Space, Text, and Gender: An Anthropological Study of the Marakwet of Kenya*. Guilford Press; 1996.

349.

Needham, Stuart, Spence, Tony, Serjeantson, D., et al. Refuse and Disposal at Area 16 East, Runnymede. Vol Runnymede Bridge research excavations. Trustees of the British Museum; 1996.

350.

Patrik L. Is there an archaeological record? *Advances in archaeological method and theory*. 1985;8:27-62. <http://www.jstor.org/stable/20170186>

351.

Pounds, Norman John Greville. *Hearth & Home: A History of Material Culture*. Indiana University Press; 1989.

352.

Michael B. Schiffer. Archaeological Context and Systemic Context. *American Antiquity*. 1972;37(2):156-165. <http://www.jstor.org/stable/278203>

353.

Schiffer, Michael B. *Formation Processes of the Archaeological Record*. University of New Mexico Press; 1987.

354.

Schofield, A. J., Theoretical Archaeology Group (England). *Interpreting Artefact Scatters: Contributions to Ploughzone Archaeology*. Vol Oxbow monograph. Oxbow Books; 1991.

355.

Michael J. Shott. Status and Role of Formation Theory in Contemporary Archaeological Practice. *Journal of Archaeological Research*. 1998;6(4):299-329.
<http://www.jstor.org/stable/41053161>

356.

Sommer U. Dirt theory, or archaeological sites seen as rubbish heaps. *Journal of theoretical archaeology*. 1990;1:47-60.

357.

Sommer U. Wer hat Dornröschen aufgeweckt? Taphonomie und Mainstream-Archäologie. In: *Taphonomische Forschungen (Nicht Nur) Zum Neolithikum*. Vol Fokus Jungsteinzeit. Welt und Erde; 2012:15-34.

358.

Staski, Edward, Sutro, Livingston D. *The Ethnoarchaeology of Refuse Disposal*. Vol Anthropological research papers. Arizona State University; 1991.

359.

Thompson, M. Rubbish Theory: The Creation and Destruction of Value. Oxford University Press; 1979.

360.

Walker W. Ceremonial trash? In: Expanding Archaeology. University of Utah Press; 1995:67-79. http://www.academia.edu/2519493/Ceremonial_Trash

361.

Wilson DC. Identification and assessment of secondary refuse aggregates. Journal of archaeological method and theory. 1994;1(1):41-68. <http://www.jstor.org/stable/20177304>

362.

Benito-Calvo A, de la Torre I. Analysis of orientation patterns in Olduvai Bed I assemblages using GIS techniques: Implications for site formation processes. Journal of Human Evolution . 2011;61(1):50-60. doi:10.1016/j.jhevol.2011.02.011

363.

Bevan A. Spatial methods for analysing large-scale artefact inventories. Antiquity. 2012;86(332):492-506.
<http://search.proquest.com/docview/1021249050?accountid=14511>

364.

Martinón-Torres M, Li XJ, Bevan A, Xia Y, Kun Z, Rehren T. Making Weapons for the Terracotta Army. Archaeology International. 2011;13. doi:10.5334/ai.1316

365.

Tilley C, Hamilton S, Harrison S, Anderson E. Nature, Culture, Clitter: Distinguishing Between Cultural and Geomorphological Landscapes; The Case of Hilltop Tors in

South-West England. Journal of Material Culture. 2000;5(2):197-224.
doi:10.1177/135918350000500204

366.

Bevan A. Mediterranean Islands, Fragile Communities and Persistent Landscapes: Antikythera in Long-Term Perspective. Cambridge University Press; 2013.

367.

Blankholm, H. P. Intrasite Spatial Analysis in Theory and Practice. Aarhus University Press; 1991.

368.

BRUGHMANS T. CONNECTING THE DOTS: TOWARDS ARCHAEOLOGICAL NETWORK ANALYSIS. Oxford Journal of Archaeology. 2010;29(3):277-303.
doi:10.1111/j.1468-0092.2010.00349.x

369.

Hietala, Harold J. Intrasite Spatial Analysis in Archaeology. Vol New directions in archaeology. Cambridge University Press; 1984.

370.

Hodder, Ian, Orton, Clive. Spatial Analysis in Archaeology. Vol New studies in archaeology. Cambridge University Press; 1976.

371.

Katsianis M, Tsipidis S, Kotsakis K, Kousoulakou A. A 3D digital workflow for archaeological intra-site research using GIS. Journal of Archaeological Science. 2008;35(3):655-667.
doi:10.1016/j.jas.2007.06.002

372.

Kroll, Ellen M., Price, T. Douglas, Society for American Archaeology. The Interpretation of Archaeological Spatial Patterning. Vol Interdisciplinary contributions to archaeology. Plenum Press; 1991.

373.

Livingood PC, Cordell AS. Point/counter point: the accuracy and feasibility of digital image techniques in the analysis of ceramic thin sections. *Journal of Archaeological Science*. 2009;36(3):867-872. doi:10.1016/j.jas.2008.11.015

374.

Vanzetti et al. A. The iceman as a burial. *Antiquity*. 2010;84(325):681-692.
<http://search.proquest.com/docview/755013317?accountid=14511>

375.

STRAND B - RESEARCH DESIGN AND MATERIALS ANALYSIS.

376.

Archaeometry - Volume 49, Issue 2 - May 2007 - Wiley Online Library.
<http://onlinelibrary.wiley.com.libproxy.ucl.ac.uk/doi/10.1111/arch.2007.49.issue-2/issuetoc;jsessionid=C29BB0DA1059927413EA82D1C17CC253.d03t04>

377.

Archaeometry - Volume 50, Issue 6 - December 2008 - Wiley Online Library.
<http://onlinelibrary.wiley.com.libproxy.ucl.ac.uk/doi/10.1111/arch.2008.50.issue-6/issuetoc>

378.

Archaeometry - Volume 50, Issue 6 - December 2008 - Wiley Online Library.
<http://onlinelibrary.wiley.com.libproxy.ucl.ac.uk/doi/10.1111/arch.2008.50.issue-6/issuetoc>

379.

Artioli G, Angelini I. Scientific Methods and Cultural Heritage: An Introduction to the Application of Materials Science to Archaeometry and Conservation Science. Oxford University Press; 2010.

380.

Bowman S, British Museum. Department of Scientific Research. Science and the Past. University of Toronto Press; 1991. <http://www.jstor.org/stable/10.3138/j.ctt2tv44s>

381.

Brothwell DR, Pollard AM. Handbook of Archaeological Sciences. John Wiley; 2001.

382.

Demortier G, Adriaens A, European Cooperation in the Field of Scientific and Technical Research (Organization), European Commission. Ion Beam Study of Art and Archaeological Objects. Vol EUR. Office for Official Publications of the European Communities; 2000.

383.

Dran JC, Salomon J, Calligaro T, Walter P. Ion beam analysis of art works: 14 years of use in the Louvre. Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms. 2004;219-220:7-15.
doi:10.1016/j.nimb.2004.01.019

384.

Ciliberto E, Spoto G. Modern Analytical Methods in Art and Archaeology. Vol Chemical analysis. Wiley; 2000.

385.

Edwards HGM, Chalmers JM, Royal Society of Chemistry (Great Britain). Raman Spectroscopy in Archaeology and Art History. Vol RSC analytical spectroscopy monographs. Royal Society of Chemistry; 2005.

386.

Edwards, Howell G. M., Lewis, Ian R. Handbook of Raman Spectroscopy: From the Research Laboratory to the Process Line. Vol Practical spectroscopy. Marcel Dekker; 2001.

387.

Giumlia-Mair A. Surface characterisation techniques in the study and conservation of art and archaeological artefacts: a review. Materials technology. 2010;25(5):345-261.
http://www.academia.edu/3427109/Surface_characterisation_techniques_in_the_study_and_conservation_of_art_and_archaeological_artefacts_a_review_Giumlia-Mair_Albertson_Boschian_Giachi_Lacomussi_Pallecchi_Rossi_Shugar_and_Stock_

388.

Goffer Z. Archaeological Chemistry. 2nd ed. Wiley; 2007.

389.

Henderson J. Scientific Analysis in Archaeology and Its Interpretation. Vol UCLA Institute of Archaeology, archaeological research tools. Oxford University Committee for Archaeology, Institute of Archaeology; 1989.

390.

Henderson J. The Science and Archaeology of Materials: An Investigation of Inorganic Materials. Routledge; 2000.

391.

Janssens KHA, Grieken R van. Non-Destructive Microanalysis of Cultural Heritage Materials. Vol Comprehensive analytical chemistry. Elsevier; 2004.

392.

Lambert JB. Traces of the Past: Unraveling the Secrets of Archaeology through Chemistry. Vol Helix books. Perseus; 1997.

393.

Martini M, Milazzo M, Piacentini M, Società italiana di fisica, International School of Physics 'Enrico Fermi'. Physics Methods in Archaeometry. Vol Proceedings of the International School of Physics 'Enrico Fermi'. IOS Press; 2004.

394.

Martinón-Torres M, Rehren T. Archaeology, History and Science: Integrating Approaches to Ancient Materials. Vol Publications of the Institute of Archaeology, University College London. Left Coast Press; 2008.

395.

Moreau JF. Proceedings: ISA 2006 : 36th International Symposium on Archaeometry : 2-6 May 2006, Quebec City, Canada. Vol Cahiers d'archéologie du CELAT. CELAT, Université Laval; 2009.

396.

Arthur M. Sackler Colloquia of the National Academy of Sciences, National Academy of Sciences (U.S.). Scientific Examination of Art: Modern Techniques in Conservation and Analysis : National Academy of Sciences, Washington, D.C., March 19-21, 2003. National Academies Press; 2005.

397.

Nesse WD. Introduction to Optical Mineralogy. 3rd ed. Oxford University Press; 2004.

398.

Olsen SL. Scanning Electron Microscopy in Archaeology. Vol BAR international series. B.A.R.; 1988.

399.

Parkes PA. Current Scientific Techniques in Archaeology. Croom Helm; 1986.

400.

Pérez-Arantegui J, ed. Proceedings of the 34th International Symposium on Archaeometry. Published 2006. <http://ifc.dpz.es/publicaciones/ebooks/id/2610>

401.

Pollard AM, Heron C, Royal Society of Chemistry (Great Britain). Archaeological Chemistry. 2nd ed. Royal Society of Chemistry; 2008.

402.

Pollard AM, Batt C, Young S, Stern B. Analytical Chemistry in Archaeology. Cambridge University Press; 2007.

403.

Shackley, M. Steven. X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology. Springer; 2011.

404.

Torrence R, Rehren T, Martinon-Torres M. Scoping the Future of Archaeological Science: Papers in Honour of Richard Klein. Journal of Archaeological Science. 2015;56. <http://www.sciencedirect.com/science/journal/03054403/56>

405.

Arthur M. Sackler Colloquia of the National Academy of Sciences, National Academy of Sciences (U.S.). Scientific Examination of Art: Modern Techniques in Conservation and Analysis : National Academy of Sciences, Washington, D.C., March 19-21, 2003. National Academies Press; 2005.

406.

Shackley M. An introduction to X-Ray Fluorescence (XRF) analysis in archaeology. In: X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology. Springer; 2011:7-44.

doi:10.1007/978-1-4419-6886-9_2

407.

Uda M, Demortier G, Nakai I, International Symposium on X-ray Archaeometry. X-Rays for Archaeology. Springer; 2005.

408.

Adriaens A. Non-destructive analysis and testing of museum objects: An overview of 5 years of research. *Spectrochimica Acta Part B: Atomic Spectroscopy*. 2005;60(12):1503-1516. doi:10.1016/j.sab.2005.10.006

409.

De Atley SP, Bishop RL. Toward an integrated interface for archaeology and archaeometry. In: The Ceramic Legacy of Anna O. Shepard. University Press of Colorado; 1991:358-381. <https://contentstore.cla.co.uk//secure/link?id=bf3b4d17-7436-e711-80c9-005056af4099>

410.

Hamilton E. The four scales of technical analysis; or 'how to make archaeometry more useful. In: Exploring the Role of Analytical Scale in Archaeological Interpretation. Vol BAR international series. Archaeopress; 2004:45-48.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45097.pdf

411.

Killick D. Archaeology and archaeometry: From casual dating to a meaningful relationship? *Antiquity*. 1997;71(273):518-524.
<http://search.proquest.com/docview/217552149?accountid=14511>

412.

Killick D. The awkward adolescence of archaeological science. *Journal of Archaeological Science*. 2015;56:242-247. doi:10.1016/j.jas.2015.01.010

413.

Jones A. Archaeological Theory and Scientific Practice. Vol Topics in contemporary archaeology. Cambridge University Press; 2001.

414.

Jones A. Archaeometry and materiality: materials-based analysis in theory and practice*. Archaeometry. 2004;46(3):327-338. doi:10.1111/j.1475-4754.2004.00161.x

415.

Martinón-Torres M. Why should archaeologists take history and science seriously? In: Archaeology, History and Science: Integrating Approaches to Ancient Materials. Vol Publications of the Institute of Archaeology, University College London. Left Coast Press; 2008:15-36. http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45457.pdf

416.

Martinón-Torres M, Killic DC. Archaeological Theories and Archaeological Sciences. In: Gardner A, Lake M, Sommer U, eds. The Oxford Handbook of Archaeological Theory. ; 2015.
<http://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780199567942.001.0001/oxfordhb-9780199567942-e-004?rskey=F3hTAd&result=1>

417.

Rehren T. Qantir-Piramesses and the organisation of the Egyptian glass industry. In: The Social Context of Technological Change: Egypt and the Near East, 1650-1550 B.C. : Proceedings of a Conference Held at St Edmund Hall, Oxford, 12-14 September 2000. Oxbow; 2001:223-138. http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45094.pdf

418.

Sillar B, Tite MS. The challenge of 'Technological choices' for materials science approaches in archaeology. Archaeometry. 2000;42(1):2-20. doi:10.1111/j.1475-4754.2000.tb00863.x

419.

Tite MS. Overview - materials study in archaeology. In: Handbook of Archaeological Sciences. John Wiley; 2001:443-448.
<https://contentstore.cla.co.uk//secure/link?id=a5c876a6-5736-e711-80c9-005056af4099>

420.

Hancock RGV. Elemental analysis. In: Modern Analytical Methods in Art and Archaeology. Vol Chemical analysis. Wiley; 2000:11-20.

421.

Shackley M. An introduction to X-Ray Fluorescence (XRF) analysis in archaeology. In: X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology. Springer; 2011:7-44.
doi:10.1007/978-1-4419-6886-9_2

422.

Shackley MS. An introduction to X-ray fluorescence (XRF) analysis in archaeology. In: Shackley MS, ed. X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology. New York ; London : Springer; 2011. doi:10.1007/978-1-4419-6886-9_2

423.

Contrey RM, Goodman-Elgar M, Bettencourt N, Seyfarth A, Van Hoose A, Wolff JA. Calibration of a portable X-ray fluorescence spectrometer in the analysis of archaeological samples using influence coefficients. *Geochemistry: Exploration, Environment, Analysis*. 2014;14(3). <http://geea.lyellcollection.org.libproxy.ucl.ac.uk/content/14/3/291.full.pdf>

424.

Frahm E, Doonan RCP. The technological versus methodological revolution of portable XRF in archaeology. *Journal of Archaeological Science*. 2013;40(2):1425-1434.
doi:10.1016/j.jas.2012.10.013

425.

Shackley M. Is there reliability and validity in portable X-ray fluorescence spectrometry (XRF)? *SAA archaeological record*. Published online 2010:17-20.

426.

Shackley MS. Portable X-ray Fluorescence Spectrometry (pXRF): The Good, the Bad, and the Ugly. *Archaeology Southwest Magazine*. 2012;26(2).
http://www.archaeologysouthwest.org/pdf/pXRF_essay_shackley.pdf

427.

Shugar AN, Mass JL. Handheld XRF for Art and Archaeology. Vol Studies in archaeological sciences. Leuven University Press; 2012.

428.

Shugar AN. Portable X-ray Fluorescence and Archaeology: Limitations of the Instrument and Suggested Methods To Achieve Desired Results. In: Armitage RA, Burton JH, eds. *Archaeological Chemistry VIII*. Vol ACS symposium series. American Chemical Society; 2013:173-189.

429.

Charalambous A, Kassianidou V, Papasavvas G. A compositional study of Cypriot bronzes dating to the Early Iron Age using portable X-ray fluorescence spectrometry (pXRF). *Journal of Archaeological Science*. 2014;46:205-216. doi:10.1016/j.jas.2014.03.006

430.

Dussubieux L, Walder H. Identifying American native and European smelted coppers with pXRF: a case study of artifacts from the Upper Great Lakes region. *Journal of Archaeological Science*. 2015;59:169-178. doi:10.1016/j.jas.2015.04.011

431.

Kearns T, Martinón-Torres M, Rehren T. Metal to mould: alloy identification in experimental casting moulds using XRF. *Historical metallurgy: journal of the Historical Metallurgy Society*. 2010;44(1):48-58.

432.

Martinón-Torres M, Li XJ, Bevan A, Xia Y, Zhao K, Rehren T. Forty Thousand Arms for a Single Emperor: From Chemical Data to the Labor Organization Behind the Bronze Arrows of the Terracotta Army. *Journal of Archaeological Method and Theory*. 2014;21(3):534-562. doi:10.1007/s10816-012-9158-z

433.

Martinón-Torres M, ValcÁircel Rojas R, SÁenz Samper J, Guerra MF. Metallic encounters in Cuba: The technology, exchange and meaning of metals before and after Columbus. *Journal of Anthropological Archaeology*. 2012;31(4):439-454. doi:10.1016/j.jaa.2012.03.006

434.

Martinón-Torres M, Uribe-Villegas MA. The prehistoric individual, connoisseurship, and archaeological science: the Muisca goldwork of Colombia. *Journal of Archaeological Science*. <http://www.sciencedirect.com/science/journal/03054403/open-access>

435.

Nicholas M, Manti P. Testing the applicability of handheld portable XRF to the characterisation of archaeological copper alloys. In: Bridgland J, ed. ICOM-CC 17th Triennial Conference Preprints, Melbourne. Paris: International Council of Museums; 15AD. <http://orca.cf.ac.uk/65469/>

436.

Orfanou V, Rehren Th. A (not so) dangerous method: pXRF vs. EPMA-WDS analyses of copper-based artefacts. *Archaeological and Anthropological Sciences*. 2015;7(3):387-397. doi:10.1007/s12520-014-0198-z

437.

Forster N, Grave P, Vickery N, Kealhofer L. Non-destructive analysis using PXRF: methodology and application to archaeological ceramics. *X-Ray Spectrometry*. 2011;40(5):389-398. doi:10.1002/xrs.1360

438.

Goren Y, Mommsen H, Klinger J. Non-destructive provenance study of cuneiform tablets using portable X-ray fluorescence (pXRF). *Journal of Archaeological Science*. 2011;38(3):684-696. doi:10.1016/j.jas.2010.10.020

439.

Hunt AMW, Speakman RJ. Portable XRF analysis of archaeological sediments and ceramics. *Journal of Archaeological Science*. 2015;53:626-638. doi:10.1016/j.jas.2014.11.031

440.

Speakman RJ, Little NC, Creel D, Miller MR, Iñaki Ez JG. Sourcing ceramics with portable XRF spectrometers? A comparison with INAA using Mimbres pottery from the American Southwest. *Journal of Archaeological Science*. 2011;38(12):3483-3496. doi:10.1016/j.jas.2011.08.011

441.

Dungworth D, Girbal B. Waler Castle, Deal, Kent: Analysis of Window Glass. English Heritage Research Department Report Series. 2011;2011(2).
<http://research.historicengland.org.uk/redirect.aspx?id=5944>

442.

Liu S, Li QH, Gan F, Zhang P, Lankton JW. Silk Road glass in Xinjiang, China: chemical compositional analysis and interpretation using a high-resolution portable XRF spectrometer. *Journal of Archaeological Science*. 2012;39(7):2128-2142. doi:10.1016/j.jas.2012.02.035

443.

Nazaroff AJ, Prufer KM, Drake BL. Assessing the applicability of portable X-ray fluorescence spectrometry for obsidian provenance research in the Maya lowlands. *Journal of Archaeological Science*. 2010;37(4):885-895. doi:10.1016/j.jas.2009.11.019

444.

Frahm E. Validity of off-the-shelf handheld portable XRF for sourcing Near Eastern obsidian chip debris. *Journal of Archaeological Science*. 2013;40(2):1080-1092.

doi:10.1016/j.jas.2012.06.038

445.

Speakman RJ, Steven Shackley M. Silo science and portable XRF in archaeology: a response to Frahm. *Journal of Archaeological Science*. 2013;40(2):1435-1443.
doi:10.1016/j.jas.2012.09.033

446.

Frahm E. Is obsidian sourcing about geochemistry or archaeology? A reply to Speakman and Shackley. *Journal of Archaeological Science*. 2013;40(2):1444-1448.
doi:10.1016/j.jas.2012.10.001

447.

Milić M. PXRF characterisation of obsidian from central Anatolia, the Aegean and central Europe. *Journal of Archaeological Science*. 2014;41:285-296. doi:10.1016/j.jas.2013.08.002

448.

Grave P, Attenbrow V, Sutherland L, Pogson R, Forster N. Non-destructive pXRF of mafic stone tools. *Journal of Archaeological Science*. 2012;39(6):1674-1686.
doi:10.1016/j.jas.2011.11.011

449.

Ogburn D, Sillar B, Sierra JC. Evaluating effects of chemical weathering and surface contamination on the in situ provenance analysis of building stones in the Cuzco region of Peru with portable XRF. *Journal of Archaeological Science*. 2013;40(4):1823-1837.
doi:10.1016/j.jas.2012.09.023

450.

Colombo C, Bracci S, Conti C, Greco M, Realini M. Non-invasive approach in the study of polychrome terracotta sculptures: employment of the portable XRF to investigate complex stratigraphy. *X-Ray Spectrometry*. 2011;40(4):273-279. doi:10.1002/xrs.1336

451.

Chaplin TD, Clark RJH, Martinón-Torres M. A combined Raman microscopy, XRF and SEM-EDX study of three valuable objects – A large painted leather screen and two illuminated title pages in 17th century books of ordinances of the Worshipful Company of Barbers, London. *Journal of Molecular Structure*. 2010;976(1-3):350-359.
doi:10.1016/j.molstruc.2010.03.042

452.

Eliyahu-Behar A, Shilstein S, Raban-Gerstel N, et al. An integrated approach to reconstructing primary activities from pit deposits: iron smithing and other activities at Tel Dor under Neo-Assyrian domination. *Journal of Archaeological Science*. 2008;35(11):2895-2908. doi:10.1016/j.jas.2008.06.004

453.

Gauss RK, Bátora J, Nowaczinski E, Rassmann K, Schukraft G. The Early Bronze Age settlement of Fidvág, Vráble (Slovakia): reconstructing prehistoric settlement patterns using portable XRF. *Journal of Archaeological Science*. 2013;40(7):2942-2960.
doi:10.1016/j.jas.2013.01.029

454.

Abe Y, Nakai I, Takahashi K, Kawai N, Yoshimura S. On-site analysis of archaeological artifacts excavated from the site on the outcrop at Northwest Saqqara, Egypt, by using a newly developed portable fluorescence spectrometer and diffractometer. *Analytical and Bioanalytical Chemistry*. 2009;395(7):1987-1996. doi:10.1007/s00216-009-3141-x

455.

Cotte M, Dumas P, Taniguchi Y, Checroun E, Walter P, Susini J. Recent applications and current trends in Cultural Heritage Science using synchrotron-based Fourier transform infrared micro-spectroscopy. *Comptes Rendus Physique*. 2009;10(7):590-600.
doi:10.1016/j.crhy.2009.03.016

456.

De Benedetto GE, Laviano R, Sabbatini L, Zambonin PG. Infrared spectroscopy in the

mineralogical characterization of ancient pottery. *Journal of Cultural Heritage.* 2002;3(3):177-186. doi:10.1016/S1296-2074(02)01178-0

457.

Eiland ML, Williams Q. Investigation of Islamic ceramics from Tell Tuneinir using X-ray diffraction. *Geoarchaeology.* 2001;16(8):875-903. doi:10.1002/gea.1025

458.

Freestone IC, Middleton AP. . Mineralogical applications of the analytical SEM in archaeology. *Mineralogical Magazine.* 1987;51:21-31.
http://www.minersoc.org/pages/Archive-MM/Volume_51/51-359-21.pdf

459.

Ingo GM, Balbi S, de Caro T, Fragalà I, Angelini E, Bultrini G. Combined use of SEM-EDS, OM and XRD for the characterization of corrosion products grown on silver roman coins. *Applied Physics A.* 2006;83(4):493-497. doi:10.1007/s00339-006-3533-0

460.

Martinón-Torres M, Uribe-Villegas MA. The prehistoric individual, connoisseurship, and archaeological science: the Muisca goldwork of Colombia. *Journal of Archaeological Science* . <http://www.sciencedirect.com/science/journal/03054403/open-access>

461.

Ricciardi P, Colombari P, Tournié A, Macchiarola M, Ayed N. A non-invasive study of Roman Age mosaic glass tesserae by means of Raman spectroscopy. *Journal of Archaeological Science.* 2009;36(11):2551-2559. doi:10.1016/j.jas.2009.07.008

462.

Sax M, Walsh JM, Freestone IC, Rankin AH, Meeks ND. The origins of two purportedly pre-Columbian Mexican crystal skulls. *Journal of Archaeological Science.* 2008;35(10):2751-2760. doi:10.1016/j.jas.2008.05.007

463.

Conservation institute TG. Infrared Spectroscopy in Conservation Science - Infrared Spectroscopy.; 1999.
http://www.getty.edu/conservation/publications_resources/pdf_publications/pdf/infrared_spectroscopy.pdf

464.

Young ML, Casadio F, Schnepp S, Pearlstein E, Almer JD, Haeffner DR. Non-invasive characterization of manufacturing techniques and corrosion of ancient Chinese bronzes and a later replica using synchrotron X-ray diffraction. *Applied Physics A*. 2010;100(3):635-646. doi:10.1007/s00339-010-5646-8

465.

Orton C. Sampling in Archaeology. Vol Cambridge manuals in archaeology. Cambridge University Press; 2000.

466.

Tite MS. Archaeological collections: invasive sampling versus object integrity. *Papers from the Institute of Archaeology: PIA*. 2002;13:1-6.
<http://pia-journal.co.uk/articles/abstract/10.5334/pia.189/>

467.

Tubb KW. Irreconcilable Differences? Problems with Unprovenanced Antiquities. *Papers from the Institute of Archaeology*. 2007;18. doi:10.5334/pia.294

468.

Hein A, Tsolakidou A, Iliopoulos I, et al. Standardisation of elemental analytical techniques applied to provenance studies of archaeological ceramics: an inter laboratory calibration study. *The Analyst*. 2002;127(4):542-553. doi:10.1039/b109603f

469.

Heginbotham A, Bezur A, Bouchard M, et al. An Evaluation of inter-laboratory

reproducibility for quantitative XRF of historic copper Alloys. In: Mardikian P, Chemello C, Watters C, Hull P, eds. In Metal 2010. Proceedings of the International Conference on Metal Conservation, Charleston, South Carolina, USA, October 11-15, 2010. Clemson University; 2010:178-188.

http://www.getty.edu/museum/pdfs/heginbotham_metal2010_submitted2.pdf

470.

Kovacs R, Schlosser S, Staub SP, Schmiderer A, Pernicka E, Günther D. Characterization of calibration materials for trace element analysis and fingerprint studies of gold using LA-ICP-MS. *Journal of Analytical Atomic Spectrometry*. 2009;24(4). doi:10.1039/b819685k

471.

Baxter MJ. *Exploratory Multivariate Analysis in Archaeology*. Edinburgh University Press; 1994.

472.

Baxter MJ. *Statistics in Archaeology*. Vol Arnold applications of statistics. Arnold; 2003.

473.

Baxter MJ, Buck CE. Data handling and statistical analysis. In: *Modern Analytical Methods in Art and Archaeology*. Vol Chemical analysis. Wiley; 2000:681-746.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45286.pdf

474.

BAXTER MJ, FREESTONE IC. LOG-RATIO COMPOSITIONAL DATA ANALYSIS IN ARCHAEOOMETRY*. *Archaeometry*. 2006;48(3):511-531.
doi:10.1111/j.1475-4754.2006.00270.x

475.

Charlton MF, Blakelock E, Martinon-Torres M. Investigating the production provenance of iron artifacts with multivariate methods. *Journal of Archaeological Science*. 2012;39(7):2280-2293. <http://discovery.ucl.ac.uk/1375923/1/1375923.pdf>

476.

Drennan RD. Statistics for Archaeologists: A Commonsense Approach. Vol Interdisciplinary contributions to archaeology. 2nd ed. Springer; 2009.
<http://dx.doi.org/10.1007/978-1-4419-0413-3>

477.

Fletcher M, Lock GR. Digging Numbers: Elementary Statistics for Archaeologists. Vol Monograph / Oxford University Committee for Archaeology. Oxford University Committee for Archaeology; 1991.

478.

Orton, Clive. Mathematics in Archaeology. Vol Collins archaeology. Collins; 1980.

479.

Shennan S. Quantifying Archaeology. 2nd ed. University of Iowa Press; 1997.

480.

Thornton CP, Lamberg-Karlovsky CC, Liezers M, Young SMM. On Pins and Needles: Tracing the Evolution of Copper-base Alloying at Tepe Yahya, Iran, via ICP-MS Analysis of Common-place Items. Journal of Archaeological Science. 2002;29(12):1451-1460.
doi:10.1006/jasc.2002.0809

481.

Ponting MJ. Keeping up with the Romans? Romanisation and copper alloys in First Revolt Palestine. Institute for Archaeo-Metallurgical Studies newsletter. 2002;22:3-6.
<https://contentstore.cla.co.uk//secure/link?id=c1071af0-4a36-e711-80c9-005056af4099>

482.

Chippindale C. Colleagues, talking, writing, publishing. In: Handbook of Archaeological

Methods. Vol 2. Altamira Press; 2006:1339-1371.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45101.pdf

483.

Sand-Jensen K. How to write consistently boring scientific literature. Oikos. 2007;116(5):723-727. doi:10.1111/j.0030-1299.2007.15674.x

484.

White P. Producing the record. In: Archaeology in Practice: A Student Guide to Archaeological Analyses. Blackwell; 2006:410-425.
http://ls-tlss.ucl.ac.uk/course-materials/ARCLG107_45099.pdf