

Hans Mommsen

List of Publications by Year in descending order

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44
papers

1,181
citations

471509

17
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377865

34
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45
docs citations

45
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	MODIFIED MAHALANOBIS FILTERS FOR GROUPING POTTERY BY CHEMICAL COMPOSITION*. <i>Archaeometry</i> , 1994, 36, 287-306.	1.3	118
2	Standardisation of elemental analytical techniques applied to provenance studies of archaeological ceramics: an inter laboratory calibration study Electronic supplementary information (ESI) available: five tabular appendices giving element concentrations measured in reference materials. See http://www.rsc.org/suppdata/an/b1/b109603f/ . <i>Analyst</i> , The, 2002, 127, 542-553.	3.5	116
3	Post-Depositional Elemental Alterations in Pottery: Neutron Activation Analyses of Surface and Core Samples*. <i>Archaeometry</i> , 2004, 46, 85-101.	1.3	91
4	Alterations of Na, K and Rb concentrations in Mycenaean pottery and a proposed explanation using X-ray diffraction. <i>Archaeometry</i> , 2002, 44, 187-198.	1.3	90
5	ANALCIME CRYSTALLIZATION AND COMPOSITIONAL PROFILES-COMPARING APPROACHES TO DETECT POST-DEPOSITIONAL ALTERATIONS IN ARCHAEOLOGICAL POTTERY*. <i>Archaeometry</i> , 2006, 48, 237-251.	1.3	89
6	Non-destructive provenance study of cuneiform tablets using portable X-ray fluorescence (pXRF). <i>Journal of Archaeological Science</i> , 2011, 38, 684-696.	2.4	80
7	A METHOD FOR GROUPING POTTERY BY CHEMICAL COMPOSITION. <i>Archaeometry</i> , 1988, 30, 47-57.	1.3	71
8	THE IMPORTANCE OF THE 'BEST RELATIVE FIT FACTOR' WHEN EVALUATING ELEMENTAL CONCENTRATION DATA OF POTTERY DEMONSTRATED WITH MYCENAEAN SHERDS FROM SINDA, CYPRUS. <i>Archaeometry</i> , 2007, 49, 359-371.	1.3	63
9	Provenance determination of pottery by trace element analysis: Problems, solutions and applications. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001, 247, 657-662.	1.5	57
10	The influence of different tempers on the composition of pottery. <i>Journal of Archaeological Science</i> , 2009, 36, 1582-1589.	2.4	41
11	A Complete Chemical Grouping of the Berkeley Neutron Activation Analysis Data on Mycenaean Pottery. <i>Journal of Archaeological Science</i> , 2002, 29, 613-637.	2.4	35
12	Element Concentration Distributions and Most Discriminating Elements for Provenancing by Neutron Activation Analyses of Ceramics from Bronze Age Sites in Greece. <i>Journal of Archaeological Science</i> , 1999, 26, 1053-1058.	2.4	31
13	Short Note: Provenancing of Pottery- The Need for an Integrated Approach?. <i>Archaeometry</i> , 2004, 46, 267-271.	1.3	30
14	Mycenaean pottery from the Argolid and Achaia-a mineralogical approach where chemistry leaves unanswered questions. <i>Archaeometry</i> , 2002, 44, 177-186.	1.3	24
15	A method for classifying multidimensional data with respect to uncertainties of measurement and its application to archaeometry. <i>Die Naturwissenschaften</i> , 1994, 81, 546-548.	1.6	21
16	A provenance study of Mycenaean pottery from Northern Israel. <i>Journal of Archaeological Science</i> , 2010, 37, 409-416.	2.4	21
17	Clay paste mixtures identified by Neutron Activation Analysis in pottery of a Roman workshop in Bonn, Germany. <i>Journal of Archaeological Science</i> , 2004, 31, 1251-1258.	2.4	18
18	ArchÄometrie. Teubner-StudienbÄ¼cher Chemie, 1986, , .	0.0	16

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19	Provenance determination of Mycenaean sherds found in Tell el Amarna by Neutron Activation Analysis. <i>Journal of Archaeological Science</i> , 1992, 19, 295-302.	2.4	15
20	Neutron Activation Analysis of Selected Sherds from Prophitis Ilias (Argolid, Greece): a Closed Late Helladic II Settlement Context. <i>Journal of Archaeological Science</i> , 1994, 21, 163-171.	2.4	14
21	Mycenaean pottery from Qantir-Piramesse, Egypt. <i>Annual of the British School at Athens</i> , 2001, 96, 123-155.	0.5	14
22	Cretan Pottery in the Levant in the Fifth and Fourth Centuries B.C.E. and Its Historical Implications. <i>American Journal of Archaeology</i> , 2017, 121, 559-593.	0.1	13
23	Neutron activation analysis of ceramics in the X-ray energy region. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987, 257, 451-461.	1.6	12
24	Provenance of Red-Figure Pottery of the Classical Period Excavated at Olympia. <i>Archaeometry</i> , 2016, 58, 371-379.	1.3	11
25	PROVENANCE DETERMINATION OF MYCENAEAN IIC VESSELS FROM THE 1934-1939 EXCAVATIONS AT TARSUS-TRAPANE BY NEUTRON ACTIVATION ANALYSIS. <i>Archaeometry</i> , 2011, 53, 900-915.	1.3	10
26	The importance of a reliable grouping - Neutron activation analysis (NAA) data of Mycenaean pottery sherds re-evaluated with the Bonn filter method. <i>Journal of Archaeological Science</i> , 2012, 39, 704-707.	2.4	10
27	Clay paste characterization and provenance determination of Middle and Late Helladic vessels from Midea. <i>Opuscula</i> , 2017, 10, 7-49.	0.4	9
28	Pottery production in Jerusalem during the Iron Age: A new compositional profiling. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 349-363.	1.5	8
29	Tonmasse und Keramik: Herkunftsbestimmung durch Spurenanalyse. , 2007, , 179-192.		8
30	From west to west: Determining production regions of Mycenaean pottery of Punta di Zambrone (Calabria, Italy). <i>Journal of Archaeological Science: Reports</i> , 2015, 3, 455-463.	0.5	6
31	RHODES AND KOS: EAST DORIAN POTTERY PRODUCTION OF THE ARCHAIC PERIOD. <i>Annual of the British School at Athens</i> , 2017, 112, 99-154.	0.5	6
32	Making pottery in the Nile Delta: ceramic provenance and technology at Naukratis, 6th-3rd centuries BC. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 1059-1087.	1.8	6
33	Imported Cypriot Pottery in Twelfth-Century B.C. Ashkelon. <i>Bulletin of the American Schools of Oriental Research</i> , 2015, 373, 235-243.	0.2	5
34	Mycenaean pottery from Amara West (Nubia, Sudan). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 683-697.	1.8	4
35	Investigating pottery production and consumption patterns at the Late Mycenaean cemetery of Perati. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102453.	0.5	4
36	The Kelenderis pottery workshop(s): newly identified agents in East Mediterranean maritime exchange networks in the Achaemenid period. <i>Levant</i> , 2019, 51, 287-313.	0.9	3

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37	Production Sites of Early Iron Age Greek Bronze Tripod Cauldrons: First Evidence from Neutron Activation Analysis of Casting Ceramics. <i>Geoarchaeology - an International Journal</i> , 2017, 32, 321-342.	1.5	2
38	Local Potterâ€™s reactions. Three case studies from southern Italy and Sicily. <i>Journal of Archaeological Science: Reports</i> , 2021, 39, 103182.	0.5	2
39	Neutron activation analysis of Aegean-style IIC pottery from the Goldman excavations at Tarsus-Gâ€™zâ€™kule. <i>Anatolian Studies</i> , 2018, 68, 75-98.	0.3	1
40	NEW ANALYSIS OF CYLINDRICAL AND OVOID JARS (â€™ARCHIVE JARS') FROM SOUTHERN JUDEA. <i>Archaeometry</i> , 2019, 61, 1264-1279.	1.3	1
41	Back to Naâ€™beh: New Compositional Analysis of Philistine Bichrome Pottery from Tell enâ€™Naâ€™beh. <i>Archaeometry</i> , 2021, 63, 705-720.	1.3	1
42	Interaction and the end of the Late Bronze Age as displayed through neutron activation analysis of Late Helladic sherds: a case study on Asine in the Argolid, Greece. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	1
43	Two Early Helladic II terracotta rollers from Asine and their glyptic context. <i>Opuscula</i> , 2018, 11, 81-96.	0.4	1
44	Archaeometric analyses of imports of Archaic East Greek Pottery found at Nemirovo. <i>Collections of the State Hermitage Museum.</i> , 2018, , 305-311.		1