

By Marcos Martín-Torres

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8197919/publications.pdf>

Version: 2024-02-01

100
papers

2,043
citations

257450

24
h-index

276875

41
g-index

105
all docs

105
docs citations

105
times ranked

1287
citing authors

#	ARTICLE	IF	CITATIONS
1	The Old Ashmolean Museum and Oxford's Seventeenth-Century Chymical Community: A Material Culture Approach To Laboratory Experiments. <i>Ambix</i> , 2022, 69, 19-33.	0.3	2
2	Technology, life histories and circulation of gold objects during the Middle Period (AD 400–1000): A perspective from the Atacama Desert, Chile. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	2
3	The philosophers and the crucibles. New data on the 17th–18th century remains from the Old Ashmolean laboratory, Oxford. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102684.	0.5	0
4	Chromium crucible steel was first made in Persia. <i>Journal of Archaeological Science</i> , 2021, 127, 105224.	2.4	4
5	Reverse engineering of ceramic anthropomorphic figurines from the Tumaco archaeological tradition in southwest Colombia. <i>PLoS ONE</i> , 2021, 16, e0250230.	2.5	1
6	Interwoven traditions in Bell Beaker metallurgy: Approaching the social value of copper at Bauma del Serrat del Pont (Northeast Iberia). <i>PLoS ONE</i> , 2021, 16, e0255818.	2.5	5
7	Cu-based alloys as a benchmark for T-PGAA quantitative analysis at spallation neutron sources. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 331-340.	3.0	8
8	Cast a different iron: Grey and mottled cast iron production in early China. <i>Journal of Cultural Heritage</i> , 2020, 46, 184-192.	3.3	10
9	Of forming, gilding and intentionality in pre-Columbian goldwork: Analytical characterisation of artefacts from the Museo del Oro, Bogotá. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102626.	0.5	1
10	Traditions and innovations: versatility of copper and tin bronze making recipes in Iron Age Emporion (L'Escal, Spain). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	12
11	Captación y selección de materias primas en la primera metalurgia del Sureste de la península ibérica. <i>Trabajos De Prehistoria</i> , 2020, 77, 87.	0.7	4
12	Copper metallurgy in prehistoric upper Ili Valley, Xinjiang, China. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 2407-2417.	1.8	18
13	The Provenance, Use, and Circulation of Metals in the European Bronze Age: The State of Debate. <i>Journal of Archaeological Research</i> , 2019, 27, 131-185.	4.0	82
14	Trace elements and lead isotopic composition of copper deposits from the eastern part of the Internal Zone of the Betic Cordillera (SE Iberia): application to provenance of archaeological materials. <i>Journal of Iberian Geology</i> , 2019, 45, 585-608.	1.3	9
15	Iron decarburisation techniques in the eastern Guanzhong Plain, China, during Late Warring States period: an investigation based on slag inclusion analyses. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6537-6549.	1.8	18
16	Validation of a new data-analysis software for multiple-peak analysis of ^{13}C spectra at ISIS pulsed Neutron and Muon Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 938, 51-55.	1.6	3
17	Of gold masks, bronze mirrors and brass bracelets: Analyses of metallic artefacts from Samdzong, Upper Mustang, Nepal 450–650 CE. <i>Archaeological Research in Asia</i> , 2019, 18, 68-81.	0.7	6
18	Coal-fuelled crucible lead-silver smelting in 12th-13th century China: A technological innovation in the age of deforestation. <i>Journal of Archaeological Science</i> , 2019, 104, 75-84.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Surface chromium on Terracotta Army bronze weapons is neither an ancient anti-rust treatment nor the reason for their good preservation. <i>Scientific Reports</i> , 2019, 9, 5289.	3.3	9
20	Fire assay and cupellation at the late medieval Porto Mint, Portugal: a technological study. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 496-506.	0.5	4
21	From Iberia to the Southern Levant: The Movement of Silver Across the Mediterranean in the Early Iron Age. <i>Journal of World Prehistory</i> , 2019, 32, 1-31.	3.6	50
22	Testing the New World: early modern chemistry and mineral prospecting at colonial Jamestown, 1607-1610. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6851-6864.	1.8	3
23	Shape as a measure of weapon standardisation: From metric to geometric morphometric analysis of the Iron Age "Havor" lance from Southern Scandinavia. <i>Journal of Archaeological Science</i> , 2019, 101, 34-51.	2.4	6
24	Heat transfer properties of post-medieval crucibles. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 1571-1575.	1.8	3
25	Hanzhong bronzes and highly radiogenic lead in Shang period China. <i>Journal of Archaeological Science</i> , 2019, 101, 131-139.	2.4	24
26	Editorial: JAS on the move. <i>Journal of Archaeological Science</i> , 2018, 91, A1-A2.	2.4	0
27	Glass and Alchemy in Early Modern Europe: An Analytical Study of Glassware from the Oberstockstall Laboratory in Austria. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7346-7350.	13.8	3
28	Experimental design of the Cu-As-Sn ternary colour diagram. <i>Journal of Archaeological Science</i> , 2018, 90, 106-119.	2.4	32
29	Glass and Alchemy in Early Modern Europe: An Analytical Study of Glassware from the Oberstockstall Laboratory in Austria. <i>Angewandte Chemie</i> , 2018, 130, 7468-7472.	2.0	0
30	Goldsmithing traditions and innovations in colonial Colombia: an analytical study of crucibles from Santa Cruz de Mompo. <i>Post-Medieval Archaeology</i> , 2018, 52, 147-169.	0.6	4
31	Ink marks, bronze crossbows and their implications for the Qin Terracotta Army. <i>Heritage Science</i> , 2018, 6, .	2.3	1
32	Bloomery iron smelting in the Daye County (Hubei): Technological traditions in Qing China. <i>Archaeological Research in Asia</i> , 2018, 16, 148-165.	0.7	15
33	Amber in prehistoric Iberia: New data and a review. <i>PLoS ONE</i> , 2018, 13, e0202235.	2.5	16
34	Early metallurgy in SE Iberia. The workshop of Las Pilas (Mojácar, Almería, Spain). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1539-1569.	1.8	36
35	Iridium to provenance ancient silver. <i>Journal of Archaeological Science</i> , 2017, 81, 1-12.	2.4	18
36	Bronze production in the Iron Age of the Iberian Peninsula: The case of El Castre, Viga (Asturias, NW)	0.5	13

#	ARTICLE	IF	CITATIONS
37	Depletion gilding, innovation and life-histories: the changing colours of Nahuange metalwork. <i>Antiquity</i> , 2017, 91, 1253-1267.	1.0	20
38	Gold parting, iridium and provenance of ancient silver: A reply to Pernicka. <i>Journal of Archaeological Science</i> , 2017, 86, 127-130.	2.4	7
39	A Better Shade of Black: Effects of Manufacturing Parameters on the Development of Ancient Black Bronzes*. <i>Archaeometry</i> , 2017, 59, 1034-1049.	1.3	10
40	Archaeometallurgy in Colombia: Recent Developments. <i>Archaeology International UCL, Institute of Archaeology</i> , 2017, 20, .	0.2	3
41	The Mutapa and the Portuguese: ., 2017, , 169-196.		2
42	The archaeometallurgical reconstruction of early second-millennium AD metal production activities at Shankare Hill, northern Lowveld, South Africa. <i>Azania</i> , 2016, 51, 327-361.	0.9	10
43	Marking practices and the making of the Qin Terracotta Army. <i>Journal of Anthropological Archaeology</i> , 2016, 42, 169-183.	1.6	12
44	Copper mining and smelting technology in the northern Lowveld, South Africa, ca. 1000 CE to ca. 1880 CE. <i>Journal of Archaeological Science</i> , 2016, 75, 10-26.	2.4	13
45	Copper-alloy use in a Tyrrhenian medieval town: The case of Leopoli-Cencelle (Italy). <i>Journal of Archaeological Science: Reports</i> , 2016, 7, 597-608.	0.5	4
46	The ALBIMEH Project – Atlantic Late Bronze Age Metal Hoards Compared. <i>Archaeology International UCL, Institute of Archaeology</i> , 2016, 19, .	0.2	2
47	Technology and Culture in the Invention of Lost-wax Casting in South America: an Archaeometric and Ethnoarchaeological Perspective. <i>Cambridge Archaeological Journal</i> , 2015, 25, 377-390.	0.9	23
48	New objects in old structures. The Iron Age hoard of the Palacio III megalithic funerary complex (Almadn de la Plata, Seville, Spain). <i>Journal of Archaeological Science</i> , 2015, 57, 322-334.	2.4	8
49	Laboratories of Art. Alchemy and Art Technology from Antiquity to the 18th Century. <i>Ambix</i> , 2015, 62, 386-396.	0.3	0
50	Identification of beeswax excavated from the Han Period Mausoleum M1 of the King of Jiangdu, Jiangsu, China. <i>Journal of Archaeological Science: Reports</i> , 2015, 4, 552-558.	0.5	1
51	Bullion production in imperial China and its significance for sulphide ore smelting world-wide. <i>Journal of Archaeological Science</i> , 2015, 55, 151-165.	2.4	14
52	Forty years and still growing: <i>Journal of Archaeological Science</i> looks to the future. <i>Journal of Archaeological Science</i> , 2015, 56, 1-8.	2.4	15
53	Metallurgical traditions under Inka rule: a technological study of metals and technical ceramics from the Aconcagua Valley, Central Chile. <i>Journal of Archaeological Science</i> , 2015, 54, 86-98.	2.4	15
54	The prehistoric individual, connoisseurship and archaeological science: The Muisca goldwork of Colombia. <i>Journal of Archaeological Science</i> , 2015, 63, 136-155.	2.4	26

#	ARTICLE	IF	CITATIONS
55	Crossbows and imperial craft organisation: the bronze triggers of China's Terracotta Army. <i>Antiquity</i> , 2014, 88, 126-140.	1.0	20
56	Not so efficient, but still distilled: the technology of Qing Dynasty zinc production at Dafengmen, Chongqing, southwest China. <i>Journal of Archaeological Science</i> , 2014, 43, 278-288.	2.4	14
57	Forty Thousand Arms for a Single Emperor: From Chemical Data to the Labor Organization Behind the Bronze Arrows of the Terracotta Army. <i>Journal of Archaeological Method and Theory</i> , 2014, 21, 534-562.	3.0	43
58	Computer vision, archaeological classification and China's terracotta warriors. <i>Journal of Archaeological Science</i> , 2014, 49, 249-254.	2.4	50
59	Technical Ceramics. , 2014, , 107-131.		36
60	Prehistoric iron production technologies in the Upper Thai-Malay Peninsula: metallography and slag inclusion analyses of iron artefacts from Khao Sam Kaeo and Phu Khao Thong. <i>Archaeological and Anthropological Sciences</i> , 2013, 5, 311-329.	1.8	11
61	5,000 years old Egyptian iron beads made from hammered meteoritic iron. <i>Journal of Archaeological Science</i> , 2013, 40, 4785-4792.	2.4	71
62	Metals in the Indigenous Societies of the Insular Caribbean. , 2013, , .		0
63	Negotiating a colonial Maya identity: metal ornaments from Tipu, Belize. <i>Open Journal of Archaeometry</i> , 2013, 1, 24.	0.2	2
64	Inside Solomon's House: An Archaeological Study of the Old Ashmolean Chymical Laboratory in Oxford. <i>Ambix</i> , 2012, 59, 22-48.	0.3	12
65	Composition, colour and context in Muisca votive metalwork (Colombia, AD 600-1800). <i>Antiquity</i> , 2012, 86, 772-791.	1.0	22
66	Amber Sources and Trade in the Prehistory of the Iberian Peninsula. <i>European Journal of Archaeology</i> , 2012, 15, 187-216.	0.5	47
67	Distilling zinc for the Ming Dynasty: the technology of large scale zinc production in Fengdu, southwest China. <i>Journal of Archaeological Science</i> , 2012, 39, 908-921.	2.4	26
68	Investigating the production provenance of iron artifacts with multivariate methods. <i>Journal of Archaeological Science</i> , 2012, 39, 2280-2293.	2.4	85
69	Metallic encounters in Cuba: The technology, exchange and meaning of metals before and after Columbus. <i>Journal of Anthropological Archaeology</i> , 2012, 31, 439-454.	1.6	15
70	ANALYTICAL STUDY OF IRON SLAG FROM THE NOVGOROD HINTERLAND. , 2012, , 185-194.		1
71	The Archaeology of Alchemy and Chemistry in the Early Modern World: An Afterthought. <i>Archaeology International UCL, Institute of Archaeology</i> , 2012, 15, .	0.2	0
72	Many Potters - One Style: Pottery Production and Distribution in Transitional Late Byzantine-Early Islamic Palaestina Tertia. , 2011, , 71-76.		1

#	ARTICLE	IF	CITATIONS
73	Inscriptions, filing, grinding and polishing marks on the bronze weapons from the Qin Terracotta Army in China. <i>Journal of Archaeological Science</i> , 2011, 38, 492-501.	2.4	22
74	SOUTHEAST ASIA'S FIRST ISOTOPICALLY DEFINED PREHISTORIC COPPER PRODUCTION SYSTEM: WHEN DID EXTRACTIVE METALLURGY BEGIN IN THE KHAO WONG PRACHAN VALLEY OF CENTRAL THAILAND?. <i>Archaeometry</i> , 2011, 53, 146-163.	1.3	22
75	Some Recent Developments in the Historiography of Alchemy. <i>Ambix</i> , 2011, 58, 215-237.	0.3	11
76	Orígenes del dorado por amalgama: aportaciones desde la orfebrería protohistórica del noroeste de la Península Ibérica. <i>Trabajos De Prehistoria</i> , 2011, 68, 187-198.	0.7	11
77	Making Weapons for the Terracotta Army. <i>Archaeology International UCL, Institute of Archaeology</i> , 2011, 13, .	0.2	3
78	Prehistoric copper production and technological reproduction in the Khao Wong Prachan Valley of Central Thailand. <i>Archaeological and Anthropological Sciences</i> , 2010, 2, 237-264.	1.8	73
79	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. <i>Journal of Molecular Structure</i> , 2010, 976, 350-359.	3.6	47
80	Khao Sam Kaeo – an archaeometallurgical crossroads for trans-asiatic technological traditions. <i>Journal of Archaeological Science</i> , 2010, 37, 1761-1772.	2.4	67
81	Dhar Noma: from early agriculture to metallurgy in southeastern Mauritania. <i>Azania</i> , 2009, 44, 3-48.	0.9	81
82	POST-MEDIEVAL CRUCIBLE PRODUCTION AND DISTRIBUTION: A STUDY OF MATERIALS AND MATERIALITIES*. <i>Archaeometry</i> , 2009, 51, 49-74.	1.3	49
83	Variability in single smelting episodes – a pilot study using iron slag from Uganda. <i>Journal of Archaeological Science</i> , 2009, 36, 359-369.	2.4	52
84	Slag inclusions in iron objects and the quest for provenance: an experiment and a case study. <i>Journal of Archaeological Science</i> , 2009, 36, 1745-1757.	2.4	111
85	Pastoralist iron production on the Laikipia Plateau, Kenya: wider implications for archaeometallurgical studies. <i>Journal of Archaeological Science</i> , 2009, 36, 2314-2326.	2.4	37
86	Small size, high value: composition and manufacture of second millennium AD copper-based beads from northern Zimbabwe. <i>Journal of African Archaeology</i> , 2009, 7, 79-97.	0.6	68
87	Modern and ancient gold jewellery attributed to the Etruscans: a science-based study. <i>ArcheoSciences</i> , 2009, , 357-364.	0.1	8
88	Mass-Produced Mullite Crucibles in Medieval Europe: Manufacture and Material Properties. <i>Journal of the American Ceramic Society</i> , 2008, 91, 2071-2074.	3.8	40
89	Problèmes et perspectives à partir de l'étude des vestiges archéologiques issus de la coupellation: l'exemple du site de Montbliard (France). <i>ArcheoSciences</i> , 2008, , 59-70.	0.1	17
90	POST-MEDIEVAL CRUCIBLE PRODUCTION AND DISTRIBUTION: A STUDY OF MATERIALS AND MATERIALITIES. <i>Archaeometry</i> , 2008, .	1.3	0

#	ARTICLE	IF	CITATIONS
91	Metals, microanalysis and meaning: a study of metal objects excavated from the indigenous cemetery of El Chorro de Mañata, Cuba. <i>Journal of Archaeological Science</i> , 2007, 34, 194-204.	2.4	31
92	Mullite and the mystery of Hessian wares. <i>Nature</i> , 2006, 444, 437-438.	27.8	49
93	Hominin lower second premolar morphology: evolutionary inferences through geometric morphometric analysis. <i>Journal of Human Evolution</i> , 2006, 50, 523-533.	2.6	145
94	Diversifying the picture: indigenous responses to European arrival in Cuba. <i>Archaeology International</i> UCL, Institute of Archaeology, 2006, 10, .	0.2	0
95	El Padre Sarmiento y el megalitismo gallego. <i>Cuadernos De Estudios Gallegos</i> , 2004, 51, 435-448.	0.2	1
96	Defying God and the king: A 17th-century gold rush for "megalithic treasure". <i>Public Archaeology</i> , 2002, 2, 219-235.	0.6	5
97	Los megalitos de Ormino. Crónica del valor territorial de los monumentos megalíticos a partir de las fuentes escritas. <i>Trabajos De Prehistoria</i> , 2001, 58, 95-108.	0.7	5
98	Archaeological Theories and Archaeological Sciences. , 0, , .		16
99	Crises y moldes en Los Nogales: Estudio tecnológico de cerámicas metalúrgicas del Período Tardío en el valle del Aconcagua, Chile Central. <i>Estudios Atacamenos</i> , 0, 67, .	0.3	0
100	Technology, Use and Reuse of Gold during the Middle Period: The Case of Casa Parroquial, Atacama Desert, Chile. <i>Cambridge Archaeological Journal</i> , 0, , 1-25.	0.9	2