

Robert J Speakman

List of Publications by Year in descending order

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58
papers

2,565
citations

257450

24
h-index

189892

50
g-index

58
all docs

58
docs citations

58
times ranked

2818
citing authors

#	ARTICLE	IF	CITATIONS
1	The movement of obsidian in Subarctic Canada: Holocene social relationships and human responses to a large-scale volcanic eruption. <i>Journal of Anthropological Archaeology</i> , 2019, 56, 101114.	1.6	7
2	Archaeological assessment reveals Earth's early transformation through land use. <i>Science</i> , 2019, 365, 897-902.	12.6	369
3	A multi-regional obsidian database for the Eastern Plains. <i>Plains Anthropologist</i> , 2019, 64, 143-162.	0.3	2
4	CHOOSING A PATH TO THE ANCIENT WORLD IN A MODERN MARKET: THE REALITY OF FACULTY JOBS IN ARCHAEOLOGY. <i>American Antiquity</i> , 2018, 83, 1-12.	1.1	22
5	Market share and recent hiring trends in anthropology faculty positions. <i>PLoS ONE</i> , 2018, 13, e0202528.	2.5	41
6	Steatite characterization using X-ray fluorescence and insights into Northern Iroquoian interregional interaction. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 506-515.	0.5	9
7	Rapid extraction and assay of uranium from environmental surface samples. <i>Talanta</i> , 2017, 173, 69-78.	5.5	7
8	Instrumental neutron activation analysis of Inka and local pottery from northern Chile's Atacama Desert. <i>Journal of Archaeological Science: Reports</i> , 2016, 9, 481-492.	0.5	12
9	Evidence of Eurasian metal alloys on the Alaskan coast in prehistory. <i>Journal of Archaeological Science</i> , 2016, 74, 176-183.	2.4	17
10	Pb Isotopic Composition of Panamanian Colonial Majolica by LA-ICP-MS. <i>Natural Science in Archaeology</i> , 2016, , 343-358.	1.7	2
11	The Copper CHARM Set: A New Set of Certified Reference Materials for the Standardization of Quantitative X-Ray Fluorescence Analysis of Heritage Copper Alloys*. <i>Archaeometry</i> , 2015, 57, 856-868.	1.3	54
12	Portable XRF analysis of archaeological sediments and ceramics. <i>Journal of Archaeological Science</i> , 2015, 53, 626-638.	2.4	187
13	Major, minor and trace element mass fractions determined using ED-XRF, WD-XRF and INAA for three fireclay reference materials: Å.137; Å.138; and Å.139. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 977-978.	1.5	5
14	Major, minor and trace element mass fractions determined using ED-XRF, WD-XRF and INAA for three synthetic mullite reference materials (NCS HC 14807; NCS HC 14808; and NCS HC 14809) and five stream sediment reference materials (GBW 07302; GBW 07310; GBW 07311; GBW 07312; and GBW 07405). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1005-1007.	1.5	1
15	Major, minor and trace element mass fractions determined using ED-XRF, WD-XRF and INAA for five certified clay reference materials: NCS DC 60102, 60105; NCS DC 61101 (GBW 03101A, 03102A, 03103, and) 180.784314		
16	Understanding irregular shell formation of <i>Nautilus</i> in aquaria: Chemical composition and structural analysis. <i>Zoo Biology</i> , 2014, 33, 285-294.	1.2	6
17	Investigating Obsidian Procurement at Integration Period (ca. AD 700-1500) <i>Tola</i> Sites in Highland Northern Ecuador via Portable X-ray Fluorescence (pXRF). <i>ACS Symposium Series</i> , 2013, , 211-232.	0.5	2
18	Potters and pigments: preliminary technological assessment of pigment recipes of American majolica by synchrotron radiation micro-X-ray diffraction (Sr-1/4XRD). <i>Journal of Archaeological Science</i> , 2013, 40, 1408-1415.	2.4	16

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19	Silo science and portable XRF in archaeology: a response to Frahm. <i>Journal of Archaeological Science</i> , 2013, 40, 1435-1443.	2.4	158
20	Serpentine Hot Springs, Alaska: results of excavations and implications for the age and significance of northern fluted points. <i>Journal of Archaeological Science</i> , 2013, 40, 4222-4233.	2.4	67
21	Additional analysis of dendrochemical data of Fallon, Nevada. <i>Chemico-Biological Interactions</i> , 2012, 196, 96-101.	4.0	10
22	Assessing urban soil pollution in the cities of Zacatecas and Guadalupe, Mexico by instrumental neutron activation analysis. <i>Microchemical Journal</i> , 2012, 103, 158-164.	4.5	64
23	Characterization of surface decorations in Prehispanic archaeological ceramics by Raman spectroscopy, FTIR, XRD and XRF. <i>Vibrational Spectroscopy</i> , 2012, 58, 119-124.	2.2	62
24	Fracturing of the Panamanian Isthmus during initial collision with South America. <i>Geology</i> , 2011, 39, 1007-1010.	4.4	237
25	Earliest art in the Americas: incised image of a proboscidean on a mineralized extinct animal bone from Vero Beach, Florida. <i>Journal of Archaeological Science</i> , 2011, 38, 2908-2913.	2.4	39
26	Sourcing ceramics with portable XRF spectrometers? A comparison with INAA using Mimbres pottery from the American Southwest. <i>Journal of Archaeological Science</i> , 2011, 38, 3483-3496.	2.4	150
27	Assessing sediment pollution from the Julian Adame-Alatorre dam by instrumental neutron activation analysis. <i>Microchemical Journal</i> , 2011, 99, 20-25.	4.5	8
28	Macusani obsidian from southern Peru: A characterization of its elemental composition with a demonstration of its ancient use. <i>Journal of Archaeological Science</i> , 2010, 37, 569-576.	2.4	37
29	Romita pottery revisited: a reassessment of the provenance of ceramics from Colonial Mexico by LA-MC-ICP-MS. <i>Journal of Archaeological Science</i> , 2010, 37, 2698-2704.	2.4	19
30	CHEMICAL CHARACTERIZATION OF TIN-LEAD GLAZED POTTERY FROM THE IBERIAN PENINSULA AND THE CANARY ISLANDS: INITIAL STEPS TOWARD A BETTER UNDERSTANDING OF SPANISH COLONIAL POTTERY IN THE AMERICAS*. <i>Archaeometry</i> , 2009, 51, 546-567.	1.3	12
31	Initial source evaluation of archaeological obsidian from the Kuril Islands of the Russian Far East using portable XRF. <i>Journal of Archaeological Science</i> , 2009, 36, 1256-1263.	2.4	97
32	Ancient social landscapes of northwestern Argentina: preliminary results of an integrated approach to obsidian and ceramic provenance. <i>Journal of Archaeological Science</i> , 2009, 36, 1955-1964.	2.4	18
33	Preliminary study of a Georgia O'Keeffe pastel drawing using XRF and $\frac{1}{4}$ XRD. <i>Powder Diffraction</i> , 2009, 24, 116-123.	0.2	6
34	Chemical characterization of majolica from 14th-18th century production centers on the Iberian Peninsula: a preliminary neutron activation study. <i>Journal of Archaeological Science</i> , 2008, 35, 425-440.	2.4	23
35	Exchange patterns, boundary formation, and sociopolitical change in Late Bronze Age Southern Caucasia: preliminary results from a pottery provenance study in northwestern Armenia. <i>Journal of Archaeological Science</i> , 2008, 35, 1673-1682.	2.4	17
36	Obsidian use at the Ushki Lake complex, Kamchatka Peninsula (Northeastern Siberia): implications for terminal Pleistocene and early Holocene human migrations in Beringia. <i>Journal of Archaeological Science</i> , 2008, 35, 2179-2187.	2.4	37

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37	Ceramic production, consumption and exchange in the Banda area, Ghana: Insights from compositional analyses. <i>Journal of Anthropological Archaeology</i> , 2008, 27, 363-381.	1.6	42
38	Four-thousand-year-old gold artifacts from the Lake Titicaca basin, southern Peru. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5002-5005.	7.1	87
39	Tungsten and Cobalt: Sheppard et al. Respond. <i>Environmental Health Perspectives</i> , 2008, 116, .	6.0	1
40	Comparison of XRF and PXRF for analysis of archaeological obsidian from southern Peru. <i>Journal of Archaeological Science</i> , 2007, 34, 2012-2024.	2.4	166
41	Multiple Environmental Monitoring Techniques for Assessing Spatial Patterns of Airborne Tungsten. <i>Environmental Science & Technology</i> , 2007, 41, 406-410.	10.0	9
42	Temporal Variability of Tungsten and Cobalt in Fallon, Nevada. <i>Environmental Health Perspectives</i> , 2007, 115, 715-719.	6.0	65
43	A NEW DATING METHOD FOR HIGH-CALCIUM ARCHAEOLOGICAL GLASSES BASED UPON SURFACE-WATER DIFFUSION: PRELIMINARY CALIBRATIONS AND PROCEDURES*. <i>Archaeometry</i> , 2007, 49, 153-177.	1.3	8
44	ACKNOWLEDGING FIFTY YEARS OF NEUTRON ACTIVATION ANALYSIS IN ARCHAEOLOGY. <i>Archaeometry</i> , 2007, 49, 179-183.	1.3	47
45	ARCHAEOMETRY AT THE UNIVERSITY OF MISSOURI RESEARCH REACTOR AND THE PROVENANCE OF OBSIDIAN ARTEFACTS IN NORTH AMERICA. <i>Archaeometry</i> , 2007, 49, 343-357.	1.3	51
46	Spatial patterns of tungsten and cobalt in surface dust of Fallon, Nevada. <i>Environmental Geochemistry and Health</i> , 2007, 29, 405-412.	3.4	20
47	Using Lichen Chemistry to Assess Airborne Tungsten and Cobalt in Fallon, Nevada. <i>Environmental Monitoring and Assessment</i> , 2007, 130, 511-518.	2.7	25
48	Elevated tungsten and cobalt in airborne particulates in Fallon, Nevada: Possible implications for the childhood leukemia cluster. <i>Applied Geochemistry</i> , 2006, 21, 152-165.	3.0	57
49	Reply to comment on "Elevated tungsten and cobalt in airborne particulates in Fallon, Nevada: Possible implications for the childhood leukemia cluster", by R. Seiler. <i>Applied Geochemistry</i> , 2006, 21, 715-723.	3.0	5
50	Reply to comment on "Elevated tungsten and cobalt in airborne particulates in Fallon, Nevada: Possible implications for the childhood leukemia cluster", by Blasland, Bouck & Lee, Inc.. <i>Applied Geochemistry</i> , 2006, 21, 1086-1091.	3.0	4
51	Testing technological practices: neutron activation analysis of neolithic ceramics from Valencia, Spain. <i>Journal of Archaeological Science</i> , 2006, 33, 671-680.	2.4	26
52	The Effects of Erosion on Archaeological Sites along the Upper Oahe Reservoir, South Dakota. <i>North American Archaeologist</i> , 2006, 27, 91-110.	0.5	1
53	An Initial Assessment of Prehistoric Ceramic Production and Exchange in Northern Yoruba, North Central Nigeria: Results of Ceramic Compositional Analysis. <i>African Archaeological Review</i> , 2005, 22, 141-168.	1.4	33
54	Elymian regional interaction in Iron Age western Sicily: a preliminary neutron activation study of incised/impressed tablewares. <i>Journal of Archaeological Science</i> , 2005, 32, 795-804.	2.4	15

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55	Instrumental Neutron Activation Analysis of Pottery from the George C. Davis (41Ce19) Site, Texas. North American Archaeologist, 2004, 25, 121-138.	0.5	5
56	CHEMICAL AND MINERALOGICAL CHARACTERIZATION OF SASANIAN AND EARLY ISLAMIC GLAZED CERAMICS FROM THE DEH LURAN PLAIN, SOUTHWESTERN IRAN*. Archaeometry, 2004, 46, 585-605.	1.3	39
57	Characterization of Maya pottery by INAA and ICP-MS. Journal of Radioanalytical and Nuclear Chemistry, 2004, 262, 103-110.	1.5	24
58	Neutron activation analysis of Urartian pottery from eastern Anatolia. Journal of Radioanalytical and Nuclear Chemistry, 2004, 262, 119-127.	1.5	7