

Yotam Asscher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9111527/publications.pdf>

Version: 2024-02-01

18
papers

349
citations

1039406

9
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	A universal curve of apatite crystallinity for the assessment of bone integrity and preservation. <i>Scientific Reports</i> , 2018, 8, 12025.	1.6	66
2	Bone mineralization pathways during the rapid growth of embryonic chicken long bones. <i>Journal of Structural Biology</i> , 2016, 195, 82-92.	1.3	64
3	Variations in Atomic Disorder in Biogenic Carbonate Hydroxyapatite Using the Infrared Spectrum Grinding Curve Method. <i>Advanced Functional Materials</i> , 2011, 21, 3308-3313.	7.8	40
4	Absolute Dating of the Late Bronze to Iron Age Transition and the Appearance of Philistine Culture in Qubur el-Walaydah, Southern Levant. <i>Radiocarbon</i> , 2015, 57, 77-97.	0.8	39
5	Radiocarbon Dating Shows an Early Appearance of Philistine Material Culture in Tell es-Safi/Gath, Philistia. <i>Radiocarbon</i> , 2015, 57, 825-850.	0.8	27
6	The pigments of the frigidarium in the Sarno Baths, Pompeii: Identification, stratigraphy and weathering. <i>Journal of Cultural Heritage</i> , 2019, 40, 309-316.	1.5	20
7	A new method for extracting the insoluble occluded carbon in archaeological and modern phytoliths: Detection of ¹⁴ C depleted carbon fraction and implications for radiocarbon dating. <i>Journal of Archaeological Science</i> , 2017, 78, 57-65.	1.2	17
8	Combining multispectral images with X-ray fluorescence to quantify the distribution of pigments in the frigidarium of the Sarno Baths, Pompeii. <i>Journal of Cultural Heritage</i> , 2019, 40, 317-323.	1.5	11
9	The Chronology of the Late Bronze (LB)-Iron Age (IA) Transition in the Southern Levant: A Response to Finkelstein's Critique. <i>Radiocarbon</i> , 2019, 61, 1-11.	0.8	11
10	Prescreening Hydraulic Lime-Binders for Disordered Calcite in Caesarea Maritima: Characterizing the Chemical Environment Using FTIR. <i>Radiocarbon</i> , 2020, 62, 527-543.	0.8	11
11	An ivory bowl from Early Iron Age Tell es-Safi/Gath (Israel): manufacture, meaning and memory. <i>World Archaeology</i> , 2015, 47, 414-438.	0.5	9
12	Differentiating between long and short range disorder in infra-red spectra: on the meaning of "crystallinity" in silica. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21783-21790.	1.3	7
13	A Rapid On-Site Method for Micromorphological Block Impregnation and Thin Section Preparation. <i>Geoarchaeology - an International Journal</i> , 2016, 31, 324-331.	0.7	6
14	Absolute Time Ranges in the Plateau of the Late Bronze to Iron Age Transition and the Appearance of Bichrome Pottery in Canaan, Southern Levant. <i>Radiocarbon</i> , 2019, 61, 13-37.	0.8	6
15	High temperature pyrotechnology: A macro- and microarchaeology study of a late Byzantine-beginning of Early Islamic period (7th century CE) pottery kiln from Tel Qatra/Gedera, Israel. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102263.	0.2	5
16	Mineralogical interpretation of multispectral images: The case study of the pigments in the frigidarium of the Sarno Baths, Pompeii. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102774.	0.2	4
17	A Radiocarbon Sequence for the Late Bronze to Iron Age Transition at Ashkelon: Timing Early Philistine Pottery. <i>Bulletin of the American Schools of Oriental Research</i> , 0, , 000-000.	0.2	3
18	Charred micro-particles characterization in archaeological contexts: Identifying mixing between sediments with implications for stratigraphy. <i>Journal of Archaeological Science</i> , 2019, 107, 32-39.	1.2	2