

# Michael J Harrower

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

776  
citations

567281

15  
h-index

526287

27  
g-index

39  
all docs

39  
docs citations

39  
times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrology, Ideology, and the Origins of Irrigation in Ancient Southwest Arabia. <i>Current Anthropology</i> , 2008, 49, 497-510.	1.6	82
2	Geographic Information Systems (GIS) hydrological modeling in archaeology: an example from the origins of irrigation in Southwest Arabia (Yemen). <i>Journal of Archaeological Science</i> , 2010, 37, 1447-1452.	2.4	63
3	Autodetection of ancient Arabian tombs in high-resolution satellite imagery. <i>International Journal of Remote Sensing</i> , 2013, 34, 6611-6635.	2.9	59
4	Landscapes of death: GIS-based analyses of chullpas in the western Lake Titicaca basin. <i>Journal of Archaeological Science</i> , 2012, 39, 1687-1693.	2.4	53
5	Is the hydraulic hypothesis dead yet? Irrigation and social change in ancient Yemen. <i>World Archaeology</i> , 2009, 41, 58-72.	1.1	52
6	Cattle Cults of the Arabian Neolithic and Early Territorial Societies. <i>American Anthropologist</i> , 2012, 114, 45-63.	1.4	52
7	The Pre-Aksumite and Aksumite Settlement of NE Tigray, Ethiopia. <i>Journal of Field Archaeology</i> , 2008, 33, 151-176.	1.3	51
8	General/Specific, Local/Global: Comparing the Beginnings of Agriculture in the Horn of Africa (Ethiopia/Eritrea) and Southwest Arabia (Yemen). <i>American Antiquity</i> , 2010, 75, 452-472.	1.1	47
9	Landscapes of State Formation: Geospatial Analysis of Aksumite Settlement Patterns (Ethiopia). <i>African Archaeological Review</i> , 2014, 31, 513-541.	1.4	40
10	Mapping the roots of agriculture in southern Arabia: the application of satellite remote sensing, global positioning system and geographic information system technologies. <i>Archaeological Prospection</i> , 2002, 9, 35-42.	2.2	35
11	Beta Samati: discovery and excavation of an Aksumite town. <i>Antiquity</i> , 2019, 93, 1534-1552.	1.0	22
12	Hydro-geospatial analysis of ancient pastoral/agro-pastoral landscapes along Wadi Sana (Yemen). <i>Journal of Arid Environments</i> , 2012, 86, 131-138.	2.4	21
13	Survey, Automated Detection, and Spatial Distribution Analysis of Cairn Tombs in Ancient Southern Arabia. <i>SpringerBriefs in Archaeology</i> , 2013, , 259-268.	0.4	20
14	Gazetteer of small-scale monuments in prehistoric Hadramawt, Yemen: a radiocarbon chronology from the RASA-AHSD Project research 1996-2008. <i>Arabian Archaeology and Epigraphy</i> , 2011, 22, 1-22.	0.3	18
15	If a picture is worth a thousand words   3D modelling of a Bronze Age tower in Oman. <i>World Archaeology</i> , 2014, 46, 43-62.	1.1	16
16	Airborne LiDAR Reveals a Vast Archaeological Landscape at the Nan Madol World Heritage Site. <i>Remote Sensing</i> , 2019, 11, 2152.	4.0	15
17	Water, Geography, and Aksumite Civilization: The Southern Red Sea Archaeological Histories (SRSAH) Project Survey (2009-2016). <i>African Archaeological Review</i> , 2020, 37, 51-67.	1.4	15
18	First discovery of ancient soft-stone (chlorite) vessel production in Arabia: Aqir al-Shamoos (Oman). <i>Arabian Archaeology and Epigraphy</i> , 2016, 27, 197-207.	0.3	8

#	ARTICLE	IF	CITATIONS
19	Detecting and Mapping Slag Heaps at Ancient Copper Production Sites in Oman. <i>Remote Sensing</i> , 2019, 11, 3014.	4.0	7
20	Digital maps illuminate ancient trade routes. <i>Nature</i> , 2017, 543, 188-189.	27.8	6
21	Terrace agriculture in a mountainous arid environment – A study of soil quality and regolith provenance: Jabal Akhdar (Oman). <i>Geoderma</i> , 2020, 363, 114152.	5.1	6
22	Aksumite Settlement Patterns: Site Size Hierarchies and Spatial Clustering. <i>Journal of Archaeological Research</i> , 2023, 31, 103-146.	4.0	6
23	Mapping a Subsurface Water Channel with X-Band and C-Band Synthetic Aperture Radar at the Iron Age Archaeological Site of Uqdat al-Bakrah (Safah), Oman. <i>Geosciences (Switzerland)</i> , 2018, 8, 334.	2.2	5
24	Hyperspectral satellite imagery detection of ancient raw material sources: Soft-stone vessel production at Aqir al-Shamoos (Oman). <i>Archaeological Prospection</i> , 2018, 25, 363-374.	2.2	4
25	Spatial Archaeology: Mapping the Ancient Past with the Humanities and the Sciences. <i>International Journal of Humanities and Arts Computing</i> , 2020, 14, 176-196.	0.4	3
26	Water histories of ancient Yemen in global comparative perspective. , 2016, , 51-83.		2
27	From Rural Collectables to Global Commodities: Copper from Oman and Obsidian from Ethiopia. , 0, , 232-262.		2
28	Methods, Concepts and Challenges in Archaeological Site Detection and Modeling. <i>SpringerBriefs in Archaeology</i> , 2013, , 213-218.	0.4	2
29	Comparison and juxtaposition in archaeology. , 2016, , 29-50.		1
30	Water and the beginnings of pastoralism and agriculture in Southwest Arabia. , 2016, , 84-111.		0
31	Water histories of Southwest Arabian kingdoms (and the American West). , 2016, , 112-152.		0
32	Beta Samati: discovery and excavation of an Aksumite town – Corrigendum. <i>Antiquity</i> , 2020, 94, 289-289.	1.0	0