

Mark D Mccoy

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

825
citations

567281

15
h-index

526287

27
g-index

42
all docs

42
docs citations

42
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	New Developments in the Use of Spatial Technology in Archaeology. <i>Journal of Archaeological Research</i> , 2009, 17, 263-295.	4.0	115
2	Geospatial Big Data and archaeology: Prospects and problems too great to ignore. <i>Journal of Archaeological Science</i> , 2017, 84, 74-94.	2.4	77
3	Airborne lidar survey of irrigated agricultural landscapes: an application of the slope contrast method. <i>Journal of Archaeological Science</i> , 2011, 38, 2141-2154.	2.4	76
4	Archaeological evidence for agricultural development in Kohala, Island of Hawai'i. <i>Journal of Archaeological Science</i> , 2003, 30, 923-940.	2.4	65
5	Agricultural potential and actualized development in Hawai'i: an airborne LiDAR survey of the leeward Kohala field system (Hawai'i Island). <i>Journal of Archaeological Science</i> , 2011, 38, 3605-3619.	2.4	52
6	A cost surface model of volcanic glass quarrying and exchange in Hawai'i. <i>Journal of Archaeological Science</i> , 2011, 38, 2547-2560.	2.4	37
7	Hawaiian Limpet Harvesting in Historical Perspective: A Review of Modern and Archaeological Data on <i>Cellana</i> spp. from the Kalaupapa Peninsula, Moloka'i Island. <i>Pacific Science</i> , 2008, 62, 21-38.	0.6	31
8	Strategies for constructing religious authority in ancient Hawai'i. <i>Antiquity</i> , 2011, 85, 927-941.	1.0	30
9	The role of agricultural innovation on Pacific Islands: a case study from Hawai'i Island. <i>World Archaeology</i> , 2010, 42, 90-107.	1.1	28
10	Introduction of Breadfruit (<i>Artocarpus altilis</i>) to the Hawaiian Islands. <i>Economic Botany</i> , 2010, 64, 374-381.	1.7	26
11	The Site Problem: A Critical Review of the Site Concept in Archaeology in the Digital Age. <i>Journal of Field Archaeology</i> , 2020, 45, S18-S26.	1.3	23
12	Wind erosion and intensive prehistoric agriculture: A case study from the Kalaupapa field system, Moloka'i Island, Hawai'i. <i>Geoarchaeology - an International Journal</i> , 2007, 22, 511-532.	1.5	22
13	Earliest direct evidence of monument building at the archaeological site of Nan Madol (Pohnpei), architectural stone. <i>Quaternary Research</i> , 2016, 86, 295-303.	1.7	20
14	Does Carneiro's circumscription theory help us understand Maori history? An analysis of the obsidian assemblage from Puerua Pa, New Zealand (Aotearoa). <i>Journal of Archaeological Science</i> , 2014, 42, 467-475.	2.4	17
15	Strategies for Obtaining Obsidian in Pre-European Contact Era New Zealand. <i>PLoS ONE</i> , 2014, 9, e84302.	2.5	17
16	A Revised Late Holocene Culture History for Moloka'i Island, Hawai'i. <i>Radiocarbon</i> , 2007, 49, 1273-1322.	1.8	16
17	The Race to Document Archaeological Sites Ahead of Rising Sea Levels: Recent Applications of Geospatial Technologies in the Archaeology of Polynesia. <i>Sustainability</i> , 2018, 10, 185.	3.2	16
18	Social network analysis of obsidian artefacts and Māori interaction in northern Aotearoa New Zealand. <i>PLoS ONE</i> , 2019, 14, e0212941.	2.5	13

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19	Geochemical sourcing of obsidians from the Pākaunui site, South Island, New Zealand. <i>Archaeology in Oceania</i> , 2014, 49, 158-163.	0.7	12
20	Dispersal, Isolation, and Interaction in the Islands of Polynesia: A Critical Review of Archaeological and Genetic Evidence. <i>Diversity</i> , 2017, 9, 37.	1.7	12
21	Preparing for the Future Impacts of Megastorms on Archaeological Sites: An Evaluation of Flooding from Hurricane Harvey, Houston, Texas. <i>American Antiquity</i> , 2019, 84, 292-301.	1.1	12
22	Evaluating agricultural beta ²³⁰ Th/U and ¹⁴ C dates and plant microfossil data from Kealakekua, Hawai'i Island. <i>Archaeology in Oceania</i> , 2017, 52, 70-80.	0.7	11
23	A new archaeological field survey of the site of Nan Madol, Pohnpei. <i>Rapa Nui Journal</i> , 2015, 29, 5-22.	0.2	11
24	Celebration as a source of power in archaic states: archaeological and historical evidence for the Makahiki festival in the Hawaiian Islands. <i>World Archaeology</i> , 2018, 50, 242-270.	1.1	10
25	The Geographic Range of Interaction Spheres During the Colonization of New Zealand (Aotearoa): New Evidence for Obsidian Circulation in Southern New Zealand. <i>Journal of Island and Coastal Archaeology</i> , 2016, 11, 285-293.	1.4	9
26	Unpiloted Aerial Vehicle Acquired Lidar for Mapping Monumental Architecture. <i>Advances in Archaeological Practice</i> , 2021, 9, 160-174.	1.2	7
27	In Pursuit of Māori Warfare: New archaeological research on conflict in pre-European contact New Zealand. <i>Journal of Anthropological Archaeology</i> , 2019, 56, 101113.	1.6	6
28	Pofatu, a curated and open-access database for geochemical sourcing of archaeological materials. <i>Scientific Data</i> , 2020, 7, 141.	5.3	6
29	Defining the geospatial revolution in archaeology. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102988.	0.5	6
30	Exploring archaeological landscapes using drone-acquired lidar: Case studies from Hawai'i, Colorado, and New Hampshire, USA. <i>Journal of Archaeological Science: Reports</i> , 2021, 39, 103133.	0.5	6
31	The Difficult Place of Deserted Coasts in Archaeology: New Archaeological Research on Cooks Beach (Pukaki), Coromandel Peninsula, New Zealand. <i>Journal of Island and Coastal Archaeology</i> , 2018, 13, 1-20.	1.4	6
32	Geochemical Sourcing of New Zealand Obsidians by Portable X-Ray Fluorescence from 2011 to 2018. <i>Journal of Open Archaeology Data</i> , 2019, 7, 1.	0.8	6
33	The value of an 'eclectic and pragmatic' approach to chronology building. <i>Antiquity</i> , 2012, 86, 1206-1209.	1.0	5
34	Irrigated taro (<i>Colocasia esculenta</i>) farming in North Kohala, Hawai'i: sedimentology and soil nutrient analyses. <i>Journal of Archaeological Science</i> , 2013, 40, 1528-1538.	2.4	5
35	Obsidian and volcanic glass artifact evidence for long-distance voyaging to the Polynesian Outlier island of Tikopia. <i>Quaternary Research</i> , 2020, 98, 49-57.	1.7	4
36	The influence of religious authority in everyday life: a landscape-scale study of domestic architecture and religious law in ancient Hawai'i. <i>World Archaeology</i> , 2016, 48, 411-430.	1.1	3

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37	After the missionaries: Historical archaeology and traditional religious sites in the Hawaiian Islands. <i>Journal of the Polynesian Society</i> , 2016, 125, 307-332.	0.2	1
38	Garden Offerings in the Kona Field System, Hawai'i Island: A Fine-Grained Chronology and Its Implications. <i>American Antiquity</i> , 0, , 1-10.	1.1	1
39	Patrick Vinton Kirch . <i>Kua'āina kahiko: life and land in ancient Kahikinui, Maui</i> . xxiv+310 pages, 80 b&w illustrations, 6 tables. 2014. Honolulu: University of Hawai'i Press; 978-0-8248-3955-0 hardback \$49.. <i>Antiquity</i> , 2015, 89, 504-505.	1.0	0
40	Stable carbon and nitrogen isotopes in kukui (<i>Aleurites moluccanus</i>) endocarp along rainfall and elevation gradients: Archaeological implications. <i>PLoS ONE</i> , 2018, 13, e0204654.	2.5	0