

Shannon P Mcpherron

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

5,342
citations

94433

37
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91884

69
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105
all docs

105
docs citations

105
times ranked

3293
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning, bootstrapping, null models, and why we are still not 100% sure which bone surface modifications were made by crocodiles. <i>Journal of Human Evolution</i> , 2022, 164, 103071.	2.6	11
2	The mediating effect of platform width on the size and shape of stone flakes. <i>PLoS ONE</i> , 2022, 17, e0262920.	2.5	1
3	Experimental investigation of orangutans'™ lithic percussive and sharp stone tool behaviours. <i>PLoS ONE</i> , 2022, 17, e0263343.	2.5	16
4	Investigating variability in the frequency of fire use in the archaeological record of Late Pleistocene Europe. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	4
5	Initial Upper Paleolithic bone technology and personal ornaments at Bacho Kiro Cave (Bulgaria). <i>Journal of Human Evolution</i> , 2022, 167, 103198.	2.6	12
6	Quantifying differences in hominin flaking technologies with 3D shape analysis. <i>Journal of Human Evolution</i> , 2021, 150, 102912.	2.6	17
7	Initial Upper Palaeolithic humans in Europe had recent Neanderthal ancestry. <i>Nature</i> , 2021, 592, 253-257.	27.8	119
8	The absolute chronology of Boker Tachtit (Israel) and implications for the Middle to Upper Paleolithic transition in the Levant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
9	Naïve, unenculturated chimpanzees fail to make and use flaked stone tools. <i>Open Research Europe</i> , 2021, 1, 20.	2.0	9
10	Subarctic climate for the earliest <i>Homo sapiens</i> in Europe. <i>Science Advances</i> , 2021, 7, eabi4642.	10.3	25
11	Reconstructing Late Pleistocene paleoclimate at the scale of human behavior: an example from the Neanderthal occupation of La Ferrassie (France). <i>Scientific Reports</i> , 2021, 11, 1419.	3.3	17
12	A proof of concept for machine learning-based virtual knapping using neural networks. <i>Scientific Reports</i> , 2021, 11, 19966.	3.3	4
13	Subsistence behavior during the Initial Upper Paleolithic in Europe: Site use, dietary practice, and carnivore exploitation at Bacho Kiro Cave (Bulgaria). <i>Journal of Human Evolution</i> , 2021, 161, 103074.	2.6	10
14	Fossils from Mille-Logya, Afar, Ethiopia, elucidate the link between Pliocene environmental changes and <i>Homo</i> origins. <i>Nature Communications</i> , 2020, 11, 2480.	12.8	20
15	A 14C chronology for the Middle to Upper Palaeolithic transition at Bacho Kiro Cave, Bulgaria. <i>Nature Ecology and Evolution</i> , 2020, 4, 794-801.	7.8	85
16	Initial Upper Palaeolithic <i>Homo sapiens</i> from Bacho Kiro Cave, Bulgaria. <i>Nature</i> , 2020, 581, 299-302.	27.8	188
17	Aggregates, Formational Emergence, and the Focus on Practice in Stone Artifact Archaeology. <i>Journal of Archaeological Method and Theory</i> , 2020, 27, 887-928.	3.0	19
18	The results of lithic experiments performed on glass cores are applicable to other raw materials. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	21

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19	What is "in situ"? A reply to Harmand et al. (2015). <i>Journal of Human Evolution</i> , 2020, 142, 102740.	2.6	23
20	A method for the taphonomic assessment of bone tools using 3D surface texture analysis of bone microtopography. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	20
21	Introducing platform surface interior angle (PSIA) and its role in flake formation, size and shape. <i>PLoS ONE</i> , 2020, 15, e0241714.	2.5	9
22	Introducing platform surface interior angle (PSIA) and its role in flake formation, size and shape. , 2020, 15, e0241714.		0
23	Introducing platform surface interior angle (PSIA) and its role in flake formation, size and shape. , 2020, 15, e0241714.		0
24	Introducing platform surface interior angle (PSIA) and its role in flake formation, size and shape. , 2020, 15, e0241714.		0
25	Introducing platform surface interior angle (PSIA) and its role in flake formation, size and shape. , 2020, 15, e0241714.		0
26	Measuring spatial structure in time-averaged deposits insights from Roc de Marsal, France. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5743-5762.	1.8	17
27	Earliest known Oldowan artifacts at >2.58 Ma from Ledi-Geraru, Ethiopia, highlight early technological diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11712-11717.	7.1	115
28	Reply to Sahle and Gossa: Technology and geochronology at the earliest known Oldowan site at Ledi-Geraru, Ethiopia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20261-20262.	7.1	2
29	Two million years of flaking stone and the evolutionary efficiency of stone tool technology. <i>Nature Ecology and Evolution</i> , 2018, 2, 628-633.	7.8	43
30	Were Western European Neandertals Able to Make Fire?. <i>Journal of Paleolithic Archaeology</i> , 2018, 1, 54-79.	1.7	35
31	A geometric morphometric relationship predicts stone flake shape and size variability. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1991-2003.	1.8	37
32	Time wears on: Assessing how bone wears using 3D surface texture analysis. <i>PLoS ONE</i> , 2018, 13, e0206078.	2.5	38
33	Harold L. Dibble (1951-2018). <i>Nature Ecology and Evolution</i> , 2018, 2, 1521-1522.	7.8	0
34	Additional statistical and graphical methods for analyzing site formation processes using artifact orientations. <i>PLoS ONE</i> , 2018, 13, e0190195.	2.5	39
35	Differentiating between cutting actions on bone using 3D geometric morphometrics and Bayesian analyses with implications to human evolution. <i>Journal of Archaeological Science</i> , 2018, 89, 56-67.	2.4	43
36	The age of the hominin fossils from Jebel Irhoud, Morocco, and the origins of the Middle Stone Age. <i>Nature</i> , 2017, 546, 293-296.	27.8	371

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37	How Did Hominins Adapt to Ice Age Europe without Fire?. <i>Current Anthropology</i> , 2017, 58, S278-S287.	1.6	61
38	Major Fallacies Surrounding Stone Artifacts and Assemblages. <i>Journal of Archaeological Method and Theory</i> , 2017, 24, 813-851.	3.0	127
39	Early Stone Tools and Cultural Transmission: Resetting the Null Hypothesis. <i>Current Anthropology</i> , 2017, 58, 652-672.	1.6	95
40	Testing the Roc de Marsal Neandertal "Burial" with Geoarchaeology. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1005-1015.	1.8	16
41	A New Chronology for Rhafas, Northeast Morocco, Spanning the North African Middle Stone Age through to the Neolithic. <i>PLoS ONE</i> , 2016, 11, e0162280.	2.5	30
42	A Core Reduction Experiment Finds No Effect of Original Stone Size and Reduction Intensity on Flake Debris Size Distribution. <i>American Antiquity</i> , 2016, 81, 562-575.	1.1	15
43	A Core Reduction Experiment Finds No Effect of Original Stone Size and Reduction Intensity on Flake Debris Size Distribution. <i>American Antiquity</i> , 2016, 81, 562-575.	1.1	3
44	What is Still Bay? Human biogeography and bifacial point variability. <i>Journal of Human Evolution</i> , 2016, 97, 58-72.	2.6	50
45	Digital data collection in paleoanthropology. <i>Evolutionary Anthropology</i> , 2015, 24, 238-249.	3.4	17
46	Edge Length and Surface Area of a Blank: Experimental Assessment of Measures, Size Predictions and Utility. <i>PLoS ONE</i> , 2015, 10, e0133984.	2.5	32
47	Establishing statistical confidence in Cortex Ratios within and among lithic assemblages: a case study of the Middle Paleolithic of southwestern France. <i>Journal of Archaeological Science</i> , 2015, 59, 89-109.	2.4	37
48	Taphonomy of fossils from the hominin-bearing deposits at Dikika, Ethiopia. <i>Journal of Human Evolution</i> , 2015, 86, 112-135.	2.6	48
49	A critical look at evidence from La Chapelle-aux-Saints supporting an intentional Neandertal burial. <i>Journal of Archaeological Science</i> , 2015, 53, 649-657.	2.4	51
50	Diachronic Change within the Still Bay at Blombos Cave, South Africa. <i>PLoS ONE</i> , 2015, 10, e0132428.	2.5	49
51	The open-air site of Tolbor 16 (Northern Mongolia): Preliminary results and perspectives. <i>Quaternary International</i> , 2014, 347, 53-65.	1.5	45
52	An experimental assessment of the influences on edge damage to lithic artifacts: a consideration of edge angle, substrate grain size, raw material properties, and exposed face. <i>Journal of Archaeological Science</i> , 2014, 49, 70-82.	2.4	54
53	Demography and the demise of Neandertals: A comment on "Tenfold population increase in Western Europe at the Neandertal-to-modern human transition". <i>Journal of Human Evolution</i> , 2013, 64, 311-313.	2.6	29
54	The rodents from the late middle Pleistocene hominid-bearing site of J'bel Irhoud, Morocco, and their chronological and paleoenvironmental implications. <i>Quaternary Research</i> , 2013, 80, 552-561.	1.7	18

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55	The late Middle Palaeolithic in Southwest France: New TL dates for the sequence of Pech de l'Az� IV. <i>Quaternary International</i> , 2013, 294, 160-167.	1.5	28
56	Thermoluminescence dates for the Middle Palaeolithic site of Chez-Pinaud Jonzac (France). <i>Journal of Archaeological Science</i> , 2013, 40, 1176-1185.	2.4	32
57	Desert Pavement Disturbance and Artifact Taphonomy: A Case Study from the Eastern Libyan Plateau, Egypt. <i>Geoarchaeology - an International Journal</i> , 2013, 28, 112-130.	1.5	16
58	Neandertals made the first specialized bone tools in Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14186-14190.	7.1	217
59	Comment on "Late Mousterian Persistence near the Arctic Circle". <i>Science</i> , 2012, 335, 167-167.	12.6	15
60	Response to "Comment on Late Mousterian Persistence near the Arctic Circle". <i>Science</i> , 2012, 335, 167-167.	12.6	9
61	New evidence on Neandertal use of fire: Examples from Roc de Marsal and Pech de l'Az� IV. <i>Quaternary International</i> , 2012, 247, 325-340.	1.5	112
62	Evidence for Neandertal use of fire at Roc de Marsal (France). <i>Journal of Archaeological Science</i> , 2012, 39, 2414-2423.	2.4	87
63	Multi-method (TL and OSL), multi-material (quartz and flint) dating of the Mousterian site of Roc de Marsal (Dordogne, France): correlating Neanderthal occupations with the climatic variability of MIS 5. <i>Journal of Archaeological Science</i> , 2012, 39, 3071-3084.	2.4	58
64	Radiocarbon dates for the late Middle Palaeolithic at Pech de l'Az� IV, France. <i>Journal of Archaeological Science</i> , 2012, 39, 3436-3442.	2.4	22
65	Neandertal mobility and large-game hunting: The exploitation of reindeer during the Quina Mousterian at Chez-Pinaud Jonzac (Charente-Maritime, France). <i>Journal of Human Evolution</i> , 2012, 63, 624-635.	2.6	116
66	The handaxe reloaded: A morphometric reassessment of Acheulian and Middle Paleolithic handaxes. <i>Journal of Human Evolution</i> , 2011, 61, 61-74.	2.6	108
67	Strontium isotope evidence for migration in late Pleistocene Rangifer: Implications for Neanderthal hunting strategies at the Middle Palaeolithic site of Jonzac, France. <i>Journal of Human Evolution</i> , 2011, 61, 176-185.	2.6	139
68	The Roc de Marsal Neandertal child: A reassessment of its status as a deliberate burial. <i>Journal of Human Evolution</i> , 2011, 61, 243-253.	2.6	70
69	Timing of the appearance of habitual fire use. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E298; author reply E299.	7.1	67
70	Tool-marked bones from before the Oldowan change the paradigm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E116; author reply E117.	7.1	38
71	Nubian Complex strategies in the Egyptian high desert. <i>Journal of Human Evolution</i> , 2010, 59, 188-201.	2.6	52
72	Evidence for stone-tool-assisted consumption of animal tissues before 3.39 million years ago at Dikika, Ethiopia. <i>Nature</i> , 2010, 466, 857-860.	27.8	615

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73	Additional evidence on the use of personal ornaments in the Middle Paleolithic of North Africa. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16051-16056.	7.1	289
74	Structured light scanning for high-resolution documentation of in situ archaeological finds. Journal of Archaeological Science, 2009, 36, 19-24.	2.4	92
75	Context, curation, and bias: an evaluation of the Middle Paleolithic collections of Combe-Grenal (France). Journal of Archaeological Science, 2009, 36, 2540-2550.	2.4	25
76	Prospections sur les plateaux désertiques du désert libyque Égyptien (Abydos, Moyenne Égypte). Quelques exemples de technologies lithiques. Anthropologie, 2009, 113, 341-355.	0.4	10
77	Middle Palaeolithic Lithic Technology from the Western High Desert of Egypt. Journal of Field Archaeology, 2009, 34, 307-318.	1.3	26
78	Isotopic dietary analysis of a Neanderthal and associated fauna from the site of Jonzac (Charente-Maritime), France. Journal of Human Evolution, 2008, 55, 179-185.	2.6	86
79	New dates for the Fontchevade (Charente, France) Homo remains. Journal of Human Evolution, 2007, 52, 217-221.	2.6	13
80	The Missing Mousterian. Current Anthropology, 2006, 47, 777-803.	1.6	110
81	Excavator Bias at the Site of Pech de l'Azé IV, France. Journal of Field Archaeology, 2005, 30, 317-328.	1.3	23
82	High Desert Paleolithic Survey at Abydos, Egypt. Journal of Field Archaeology, 2005, 30, 283-303.	1.3	24
83	Artifact orientations and site formation processes from total station proveniences. Journal of Archaeological Science, 2005, 32, 1003-1014.	2.4	108
84	TL dates for the Middle Paleolithic site of Combe-Capelle Bas, France. Journal of Archaeological Science, 2003, 30, 1443-1450.	2.4	26
85	Handaxes as a Measure of the Mental Capabilities of Early Hominids. Journal of Archaeological Science, 2000, 27, 655-663.	2.4	194
86	The Palaeolithic Societies of Europe. Clive Gamble. 1999. Cambridge University Press, Cambridge, UK. xxii + 505 pp. \$85.00 (cloth), ISBN 0-521-65105-1; \$37.95 (paper), ISBN 0-521-65872-1.. American Antiquity, 2000, 65, 779-780.	1.1	0
87	Stone Tool Analysis Using Digitized Images: Examples from the Lower and Middle Paleolithic. Lithic Technology, 1999, 24, 38-52.	1.1	35
88	The Making of Combe-Capelle on CD-ROM. Journal of Field Archaeology, 1997, 24, 59-66.	1.3	1
89	Mousterian Lithic Technology: An Ecological Perspective. Steven L. Kuhn. Princeton University Press, Princeton, New Jersey, 1995. xiv + 209 pp., figures, tables, references cited, index. \$49.50 (cloth).. American Antiquity, 1997, 62, 166-167.	1.1	0
90	Testing the Reality of a "Living Floor" with Archaeological Data. American Antiquity, 1997, 62, 629-651.	1.1	120

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91	Notched Tool Reuse and Raw Material Availability in French Middle Paleolithic Sites. <i>American Antiquity</i> , 1996, 61, 377-387.	1.1	52
92	On the Computerization of Archaeological Projects. <i>Journal of Field Archaeology</i> , 1988, 15, 431-440.	1.3	29
93	Introduction to the 1994-1998 Excavations. , 0, , 28-60.		0
94	Electrical Resistivity Survey of Font-à-Cheval. , 0, , 95-102.		0
95	Description of the Lithic Industries. , 0, , 170-226.		0
96	Processes of Site Formation and Their Implications. , 0, , 229-247.		0
97	Perspectives on stone tools and cognition in the early Paleolithic record. , 0, , 286-309.		10
98	Naïve, unenculturated chimpanzees fail to make and use flaked stone tools. <i>Open Research Europe</i> , 0, 1, 20.	2.0	3
99	A Preliminary Report on Pech de l'Azac IV, Layer 8 (Middle Paleolithic, France). <i>PaleoAnthropology</i> , 0, 2009, 182-219.	3.0	80