

Richard Potts

List of Publications by Year in descending order

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76
papers

6,822
citations

87723

38
h-index

95083

68
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79
all docs

79
docs citations

79
times ranked

5180
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstructing the Environmental Context of Human Origins in Eastern Africa Through Scientific Drilling. <i>Annual Review of Earth and Planetary Sciences</i> , 2022, 50, 451-476.	4.6	13
2	Effects of reduced mobility on trabecular bone density in captive big cats. <i>Royal Society Open Science</i> , 2022, 9, 211345.	1.1	5
3	Holocene bidirectional river system along the Kenya Rift and its influence on East African faunal exchange and diversity gradients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	12
4	Late quaternary biotic homogenization of North American mammalian faunas. <i>Nature Communications</i> , 2022, 13, .	5.8	7
5	Microevolution in our megadont relative. <i>Nature Ecology and Evolution</i> , 2021, 5, 14-16.	3.4	0
6	Investigating Biotic Interactions in Deep Time. <i>Trends in Ecology and Evolution</i> , 2021, 36, 61-75.	4.2	26
7	Eastern African environmental variation and its role in the evolution and cultural change of Homo over the last 1 million years. <i>Journal of Human Evolution</i> , 2021, 157, 103028.	1.3	26
8	Quaternary diatoms and palaeoenvironments of the Koora Plain, southern Kenya rift. <i>Quaternary Science Reviews</i> , 2021, 267, 107106.	1.4	7
9	Exploration of apatite (U Th)/He geochronological analysis of volcanic units in fossil-bearing strata of the Homa Peninsula, southwestern Kenya. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 579, 110599.	1.0	1
10	Increased ecological resource variability during a critical transition in hominin evolution. <i>Science Advances</i> , 2020, 6, .	4.7	68
11	The formation of human populations in South and Central Asia. <i>Science</i> , 2019, 365, .	6.0	383
12	Evolution of Early Equus in Italy, Georgia, the Indian Subcontinent, East Africa, and the Origins of African Zebras. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	42
13	Environmental dynamics during the onset of the Middle Stone Age in eastern Africa. <i>Science</i> , 2018, 360, 86-90.	6.0	146
14	Chronology of the Acheulean to Middle Stone Age transition in eastern Africa. <i>Science</i> , 2018, 360, 95-98.	6.0	73
15	Long-distance stone transport and pigment use in the earliest Middle Stone Age. <i>Science</i> , 2018, 360, 90-94.	6.0	237
16	The Oltulelei Formation of the southern Kenyan Rift Valley: A chronicle of rapid landscape transformation over the last 500 k.y.. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1474-1492.	1.6	24
17	New developments in sediment coring and implications for understanding human evolution. <i>Theoretical Biology Forum</i> , 2018, 111, 99-104.	0.2	0
18	Low trabecular bone density in recent sedentary modern humans. <i>American Journal of Physical Anthropology</i> , 2017, 162, 550-560.	2.1	53

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19	Direct radiocarbon dating and DNA analysis of the Darra-i-Kur (Afghanistan) human temporal bone. <i>Journal of Human Evolution</i> , 2017, 107, 86-93.	1.3	19
20	Lyons et al. reply. <i>Nature</i> , 2016, 537, E5-E6.	13.7	0
21	Lyons et al. reply. <i>Nature</i> , 2016, 538, E3-E4.	13.7	1
22	Holocene shifts in the assembly of plant and animal communities implicate human impacts. <i>Nature</i> , 2016, 529, 80-83.	13.7	147
23	Alternating high and low climate variability: The context of natural selection and speciation in Plio-Pleistocene hominin evolution. <i>Journal of Human Evolution</i> , 2015, 87, 5-20.	1.3	148
24	A framework for evaluating the influence of climate, dispersal limitation, and biotic interactions using fossil pollen associations across the late Quaternary. <i>Ecography</i> , 2014, 37, 1095-1108.	2.1	57
25	Old stones' song: Use-wear experiments and analysis of the Oldowan quartz and quartzite assemblage from Kanjera South (Kenya). <i>Journal of Human Evolution</i> , 2014, 72, 10-25.	1.3	132
26	Evolution of early <i>Homo</i> : An integrated biological perspective. <i>Science</i> , 2014, 345, 1236828.	6.0	394
27	Quaternary geochemical stratigraphy of the Kedong "Olorgesailie section of the southern Kenya Rift valley. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 194-212.	1.0	17
28	Facies, geochemistry and diatoms of late Pleistocene Olorgesailie tufas, southern Kenya Rift. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 197-217.	1.0	23
29	Hominin evolution in settings of strong environmental variability. <i>Quaternary Science Reviews</i> , 2013, 73, 1-13.	1.4	212
30	Earliest Archaeological Evidence of Persistent Hominin Carnivory. <i>PLoS ONE</i> , 2013, 8, e62174.	1.1	159
31	Evolution and Environmental Change in Early Human Prehistory. <i>Annual Review of Anthropology</i> , 2012, 41, 151-167.	0.4	83
32	Environmental and Behavioral Evidence Pertaining to the Evolution of Early <i>Homo</i> . <i>Current Anthropology</i> , 2012, 53, S299-S317.	0.8	82
33	New perspectives on middle Pleistocene change in the large mammal faunas of East Africa: <i>Damaliscus hypsodon</i> sp. nov. (Mammalia, Artiodactyla) from Lainyamok, Kenya. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 361-362, 84-93.	1.0	80
34	Big brains explained. <i>Nature</i> , 2011, 480, 43-44.	13.7	30
35	Ultrafine clay minerals of the Pleistocene Olorgesailie Formation, southern Kenya Rift: diagenesis and paleoenvironments of early hominins. <i>Clays and Clay Minerals</i> , 2010, 58, 294-310.	0.6	23
36	Wetland sedimentation and associated diatoms in the Pleistocene Olorgesailie Basin, southern Kenya Rift Valley. <i>Sedimentary Geology</i> , 2009, 222, 124-137.	1.0	33

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37	Reply to the comment on "Diatomaceous sediments and environmental change in the Pleistocene Olorgesailie Formation, southern Kenya Rift Valley" by R.B. Owen, R. Potts, A.K. Behrensmeyer and P. Ditchfield [Palaeogeography, Palaeoclimatology, Palaeoecology 269 (2008) 17-37]. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 282, 147-148.	1.0	14
38	Oldest Evidence of Toolmaking Hominins in a Grassland-Dominated Ecosystem. PLoS ONE, 2009, 4, e7199.	1.1	80
39	Oldowan behavior and raw material transport: perspectives from the Kanjera Formation. Journal of Archaeological Science, 2008, 35, 2329-2345.	1.2	124
40	Diatomaceous sediments and environmental change in the Pleistocene Olorgesailie Formation, southern Kenya Rift Valley. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 269, 17-37.	1.0	81
41	Sequence of mammalian fossils, including hominoid teeth, from the Bubing Basin caves, South China. Journal of Human Evolution, 2007, 52, 370-379.	1.3	109
42	Paleoclimate and human evolution workshop. Eos, 2006, 87, 161.	0.1	2
43	Early Pleistocene hominid teeth recovered in Mohui cave in Bubing Basin, Guangxi, South China. Science Bulletin, 2005, 50, 2777-2782.	1.7	4
44	Paleoenvironments and the evolution of adaptability in great apes. , 2004, , 237-259.		9
45	Small Mid-Pleistocene Hominin Associated with East African Acheulean Technology. Science, 2004, 305, 75-78.	6.0	118
46	Paleoenvironmental basis of cognitive evolution in great apes. American Journal of Primatology, 2004, 62, 209-228.	0.8	70
47	Magnetostratigraphic dating of early humans in China. Earth-Science Reviews, 2003, 61, 341-359.	4.0	133
48	Origin of Reddened and Melted Zones in Pleistocene Sediments of the Olorgesailie Basin, Southern Kenya Rift. Journal of Archaeological Science, 2002, 29, 307-316.	1.2	12
49	OLORGESAILIE, KENYA: A MILLION YEARS IN THE LIFE OF A RIFT BASIN. , 2002, , 97-106.		21
50	Late Pliocene Oldowan excavations at Kanjera South, Kenya. Antiquity, 2001, 75, 809-810.	0.5	7
51	Mid-Pleistocene Acheulean-like Stone Technology of the Bose Basin, South China. Science, 2000, 287, 1622-1626.	6.0	345
52	Current research on the Late Pliocene and Pleistocene deposits north of Homa Mountain, southwestern Kenya. Journal of Human Evolution, 1999, 36, 123-150.	1.3	59
53	Early Pleistocene habitat in Member 1 Olorgesailie based on paleosol stable isotopes. Journal of Human Evolution, 1999, 37, 721-746.	1.3	60
54	Paleolandscape variation and Early Pleistocene hominid activities: Members 1 and 7, Olorgesailie Formation, Kenya. Journal of Human Evolution, 1999, 37, 747-788.	1.3	202

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55	Variability selection in hominid evolution. <i>Evolutionary Anthropology</i> , 1998, 7, 81-96.	1.7	522
56	Environmental hypotheses of hominin evolution. , 1998, 107, 93-136.		383
57	Late Pliocene Faunal Turnover in the Turkana Basin, Kenya and Ethiopia. <i>Science</i> , 1997, 278, 1589-1594.	6.0	227
58	Protein Identification of Blood Residues on Experimental Stone Tools. <i>Journal of Archaeological Science</i> , 1996, 23, 289-296.	1.2	60
59	Apparent Versus Real Faunal Turnover in the Late Pliocene Vertebrate Record of Africa. <i>The Paleontological Society Special Publications</i> , 1996, 8, 28-28.	0.0	0
60	Revisiting the Savanna Hypothesis: Effects of Habitat Disturbance On Hominid Evolution. <i>The Paleontological Society Special Publications</i> , 1996, 8, 309-309.	0.0	0
61	Hominid fossil sample from Kanjera, Kenya: Description, provenance, and implications of new and earlier discoveries. <i>American Journal of Physical Anthropology</i> , 1995, 96, 7-23.	2.1	12
62	Mid-Pleistocene Change in Large Mammal Faunas of East Africa. <i>Quaternary Research</i> , 1995, 43, 106-113.	1.0	71
63	Variables versus models of early Pleistocene hominid land use. <i>Journal of Human Evolution</i> , 1994, 27, 7-24.	1.3	98
64	Water Flow and the Formation of Early Pleistocene Artifact Sites in Olduvai Gorge, Tanzania. <i>Journal of Anthropological Archaeology</i> , 1994, 13, 228-254.	0.7	119
65	Provenancing of Hominid and Mammalian Fossils from Kanjera, Kenya, using EDXRF. <i>Journal of Archaeological Science</i> , 1994, 21, 553-563.	1.2	27
66	Why the Oldowan? Plio-Pleistocene Toolmaking and the Transport of Resources. <i>Journal of Anthropological Research</i> , 1991, 47, 153-176.	0.1	123
67	Early Hominid Activities at Oldwai.. <i>Man; A Monthly Record of Anthropological Science</i> , 1990, 25, 345.	0.3	0
68	Singleâ€crystal ⁴⁰ Ar/ ³⁹ Ar dating of the Olorgesailie Formation, Southern Kenya Rift. <i>Journal of Geophysical Research</i> , 1990, 95, 8453-8470.	3.3	233
69	Excavations and new findings at Kanjera, Kenya. <i>Journal of Human Evolution</i> , 1989, 18, 269-276.	1.3	19
70	Olorgesailie: new excavations and findings in Early and Middle Pleistocene contexts, southern Kenya rift valley. <i>Journal of Human Evolution</i> , 1989, 18, 477-484.	1.3	77
71	Taphonomy, paleoecology, and hominids of Lainyamok, Kenya. <i>Journal of Human Evolution</i> , 1988, 17, 597-614.	1.3	34
72	On an Early Hominid Scavenging Niche. <i>Current Anthropology</i> , 1988, 29, 153-155.	0.8	11

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73	On Butchery by Olduvai Hominids. <i>Current Anthropology</i> , 1987, 28, 95-98.	0.8	10
74	Temporal span of bone accumulations at Olduvai Gorge and implications for early hominid foraging behavior. <i>Paleobiology</i> , 1986, 12, 25-31.	1.3	61
75	Lainyamok, a new middle Pleistocene hominid site. <i>Nature</i> , 1983, 306, 365-368.	13.7	22
76	Cutmarks made by stone tools on bones from Olduvai Gorge, Tanzania. <i>Nature</i> , 1981, 291, 577-580.	13.7	472