Alan R Rogers

List of Publications by Year
in descending order

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63 papers	5,786 citations	126907 33 h-index	118850 62 g-index
74 all docs	74 docs citations	74 times ranked	5027 citing authors

#	Article	IF	Citations
1	GENETIC EVIDENCE FOR A PLEISTOCENE POPULATION EXPLOSION. Evolution; International Journal of Organic Evolution, 1995, 49, 608-615.	2.3	916
2	Does Biology Constrain Culture. American Anthropologist, 1988, 90, 819-831.	1.4	613
3	The Genetic Structure of Ancient Human Populations. Current Anthropology, 1993, 34, 483-496.	1.6	562
4	Genetic Evidence for a Pleistocene Population Explosion. Evolution; International Journal of Organic Evolution, 1995, 49, 608.	2.3	471
5	Genetic Perspectives on Human Origins and Differentiation. Annual Review of Genomics and Human Genetics, 2000, 1, 361-385.	6.2	326
6	Genetic Analysis of Lice Supports Direct Contact between Modern and Archaic Humans. PLoS Biology, 2004, 2, e340.	5.6	223
7	Genetic Variation Among World Populations: Inferences From 100 Alu Insertion Polymorphisms. Genome Research, 2003, 13, 1607-1618.	5.5	191
8	Using mitochondrial and nuclear DNA markers to reconstruct human evolution. BioEssays, 1998, 20, 126-136.	2.5	157
9	When is technology worth the trouble?. Journal of Archaeological Science, 2003, 30, 1315-1329.	2.4	137
10	Group Selection by Selective Emigration: The Effects of Migration and Kin Structure. American Naturalist, 1990, 135, 398-413.	2.1	132
11	Why menopause?. Evolutionary Ecology, 1993, 7, 406-420.	1.2	130
12	Mitochondrial mismatch analysis is insensitive to the mutational process. Molecular Biology and Evolution, 1996, 13, 895-902.	8.9	124
13	POPULATION STRUCTURE AND QUANTITATIVE CHARACTERS. Genetics, 1983, 105, 985-1002.	2.9	117
14	Sequence variations in the public human genome data reflect a bottlenecked population history. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 376-381.	7.1	113
15	Genomics refutes an exclusively African origin of humans. Journal of Human Evolution, 2005, 49, 1-18.	2.6	111
16	Evolutionary economics of human reproduction. Ethology and Sociobiology, 1990, 11, 479-495.	1.5	105
17	The male's dilemma: Increased offspring production is more paternity to steal. Evolutionary Ecology, 1995, 9, 662-677.	1.2	89
18	Evolutionary history of Tibetans inferred from whole-genome sequencing. PLoS Genetics, 2017, 13, e1006675.	3.5	89

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19	Linkage Disequilibrium Between Loci With Unknown Phase. Genetics, 2009, 182, 839-844.	2.9	73
20	Conserving resources for children. Human Nature, 1991, 2, 73-82.	1.6	69
21	Early history of Neanderthals and Denisovans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9859-9863.	7.1	66
22	Ascertainment bias in estimates of average heterozygosity. American Journal of Human Genetics, 1996, 58, 1033-41.	6.2	58
23	On Wright's mechanism for intergroup selection. Journal of Theoretical Biology, 1987, 127, 51-61.	1.7	57
24	QUANTITATIVE GENETICS OF SEXUAL DIMORPHISM IN HUMAN BODY SIZE. Evolution; International Journal of Organic Evolution, 1992, 46, 226-234.	2.3	51
25	The Matrix Coalescent and an Application to Human Single-Nucleotide Polymorphisms. Genetics, 2002, 161, 1641-1650.	2.9	50
26	How Population Growth Affects Linkage Disequilibrium. Genetics, 2014, 197, 1329-1341.	2.9	46
27	Population Differences in Quantitative Characters as Opposed to Gene Frequencies. American Naturalist, 1986, 127, 729-730.	2.1	45
28	Mobile elements reveal small population size in the ancient ancestors of Homo sapiens. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2147-2152.	7.1	44
29	Neanderthal-Denisovan ancestors interbred with a distantly related hominin. Science Advances, 2020, 6, eaay5483.	10.3	43
30	The heritability of gestational age in a two-million member cohort: implications for spontaneous preterm birth. Human Genetics, 2015, 134, 803-808.	3.8	42
31	Estimating sexual dimorphism by method-of-moments. American Journal of Physical Anthropology, 1996, 100, 191-206.	2.1	39
32	Order emerging from chaos in human evolutionary genetics. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 779-780.	7.1	38
33	Analysis of Bone Counts by Maximum Likelihood. Journal of Archaeological Science, 2000, 27, 111-125.	2.4	37
34	On Equifinality in Faunal Analysis. American Antiquity, 2000, 65, 709-723.	1.1	37
35	Population Structure and Modern Human Origins. The IMA Volumes in Mathematics and Its Applications, 1997, , 55-79.	0.5	34
36	Selective Transport of Animal Parts by Ancient Hunters: A New Statistical Method and an Application to the Emeryville Shellmound Fauna. Journal of Archaeological Science, 2001, 28, 763-773.	2.4	26

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37	Bias in estimators of archaic admixture. Theoretical Population Biology, 2015, 100, 63-78.	1.1	25
38	Human sociobiology. American Journal of Physical Anthropology, 1987, 30, 127-150.	2.1	23
39	Genetic admixture in the Late Pleistocene. , 1996, 100, 1-5.		22
40	Fitness in stratified societies. Ethology and Sociobiology, 1990, 11, 497-509.	1.5	17
41	Population dynamics under exploitation competition. Journal of Theoretical Biology, 1986, 119, 363-368.	1.7	16
42	A Late Holocene Population Bottleneck in California Tule Elk (Cervus elaphus nannodes): Provisional Support from Ancient DNA. Journal of Archaeological Method and Theory, 2013, 20, 495-524.	3.0	15
43	Three components of genetic drift in subdivided populations. American Journal of Physical Anthropology, 1988, 77, 435-449.	2.1	14
44	Modeling the Amplification Dynamics of Human Alu Retrotransposons. PLoS Computational Biology, 2005, 1, e44.	3.2	12
45	Legofit: estimating population history from genetic data. BMC Bioinformatics, 2019, 20, 526.	2.6	12
46	On the Value of Soft Bones in Faunal Analysis. Journal of Archaeological Science, 2000, 27, 635-639.	2.4	11
47	Estimating the age of retrotransposon subfamilies using maximum likelihood. Genomics, 2009, 94, 78-82.	2.9	11
48	How Much Can Fossils Tell Us about Regional Continuity?. Current Anthropology, 1995, 36, 674-676.	1.6	11
49	Economics and the evolution of life histories. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9114-9115.	7.1	10
50	Genetic relatedness to sisters' children has been underestimated. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121937.	2.6	10
51	Reply to Mafessoni and PrÃ¼fer: Inferences with and without singleton site patterns. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10258-E10260.	7.1	9
52	A Model of Kin-Structured Migration. Evolution; International Journal of Organic Evolution, 1987, 41, 417.	2.3	8
53	Ancestral Alleles and Population Origins: Inferences Depend on Mutation Rate. Molecular Biology and Evolution, 2007, 24, 990-997.	8.9	8
54	Statistical analysis of the migration component of genetic drift. American Journal of Physical Anthropology, 1988, 77, 451-457.	2.1	7

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55	Assortative mating and the segregation variance. Theoretical Population Biology, 1983, 23, 110-113.	1.1	6
56	Estimating bonobo (Pan paniscus) and chimpanzee (Pan troglodytes) evolutionary history from nucleotide site patterns. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200858119.	7.1	5
57	Data collection and information loss in the study of spatial pattern. World Archaeology, 1982, 14, 249-258.	1.1	4
58	Correlations between relatives in small populations. American Journal of Physical Anthropology, 1986, 71, 377-380.	2.1	4
59	An efficient algorithm for estimating population history from genetic data. , 0, 2, .		4
60	Evolution and Human Choice Over Time. Novartis Foundation Symposium, 1997, 208, 231-252.	1.1	3
61	Resource partitioning and the stability of population dynamics: A reply to Åomnicki and Sedziwy. Journal of Theoretical Biology, 1989, 138, 545-549.	1.7	2
62	The Sociobiology of Sex and Sexes Today [and Comments and Reply]. Current Anthropology, 1984, 25, 193-212.	1.6	1
63	Sexual dimorphism in skeletal shape in voles (Arvicolinae): disparate selection on male bodies and female heads. Journal of Mammalogy, 2020, 101, 951-957.	1.3	1