

Mark A Jobling

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127
papers

7,135
citations

46
h-index

84
g-index

135
ext. papers

7,917
ext. citations

9.2
avg, IF

5.76
L-index

#	Paper	IF	Citations
127	The human Y chromosome: an evolutionary marker comes of age. <i>Nature Reviews Genetics</i> , 2003 , 4, 598-612	61.2	687
126	Y-chromosomal diversity in Europe is clinal and influenced primarily by geography, rather than by language. <i>American Journal of Human Genetics</i> , 2000 , 67, 1526-43	11	471
125	A Y chromosome gene family with RNA-binding protein homology: candidates for the azoospermia factor AZF controlling human spermatogenesis. <i>Cell</i> , 1993 , 75, 1287-95	56.2	446
124	Encoded evidence: DNA in forensic analysis. <i>Nature Reviews Genetics</i> , 2004 , 5, 739-51	30.1	368
123	Fathers and sons: the Y chromosome and human evolution. <i>Trends in Genetics</i> , 1995 , 11, 449-56	8.5	272
122	The dual origin of the Malagasy in Island Southeast Asia and East Africa: evidence from maternal and paternal lineages. <i>American Journal of Human Genetics</i> , 2005 , 76, 894-901	11	179
121	A comprehensive survey of human Y-chromosomal microsatellites. <i>American Journal of Human Genetics</i> , 2004 , 74, 1183-97	11	174
120	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014 , 12, 12-23	4.3	171
119	Signature of recent historical events in the European Y-chromosomal STR haplotype distribution. <i>Human Genetics</i> , 2005 , 116, 279-91	6.3	155
118	A predominantly neolithic origin for European paternal lineages. <i>PLoS Biology</i> , 2010 , 8, e1000285	9.7	151
117	The genetic legacy of religious diversity and intolerance: paternal lineages of Christians, Jews, and Muslims in the Iberian Peninsula. <i>American Journal of Human Genetics</i> , 2008 , 83, 725-36	11	151
116	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. <i>Lancet, The</i> , 2012 , 379, 915-922	40	145
115	Localization of DNA sequences required for human centromere function through an analysis of rearranged Y chromosomes. <i>Nature Genetics</i> , 1993 , 5, 368-75	36.3	138
114	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. <i>Human Mutation</i> , 2014 , 35, 1021-32	4.7	130
113	In the name of the father: surnames and genetics. <i>Trends in Genetics</i> , 2001 , 17, 353-7	8.5	121
112	What's in a name? Y chromosomes, surnames and the genetic genealogy revolution. <i>Trends in Genetics</i> , 2009 , 25, 351-60	8.5	120
111	Y-chromosome lineages trace diffusion of people and languages in southwestern Asia. <i>American Journal of Human Genetics</i> , 2001 , 68, 537-42	11	117

110	The Y-chromosome tree bursts into leaf: 13,000 high-confidence SNPs covering the majority of known clades. <i>Molecular Biology and Evolution</i> , 2015 , 32, 661-73	8.3	111
109	Recent male-mediated gene flow over a linguistic barrier in Iberia, suggested by analysis of a Y-chromosomal DNA polymorphism. <i>American Journal of Human Genetics</i> , 1999 , 65, 1437-48	11	111
108	Identifying genetic traces of historical expansions: Phoenician footprints in the Mediterranean. <i>American Journal of Human Genetics</i> , 2008 , 83, 633-42	11	107
107	New uses for new haplotypes the human Y chromosome, disease and selection. <i>Trends in Genetics</i> , 2000 , 16, 356-62	8.5	106
106	European Y-chromosomal lineages in Polynesians: a contrast to the population structure revealed by mtDNA. <i>American Journal of Human Genetics</i> , 1998 , 63, 1793-806	11	103
105	Y-chromosome variation and Irish origins. <i>Nature</i> , 2000 , 404, 351-2	50.4	103
104	Human Y-chromosome variation in the genome-sequencing era. <i>Nature Reviews Genetics</i> , 2017 , 18, 485-497	50.1	102
103	Structural variation on the short arm of the human Y chromosome: recurrent multigene deletions encompassing Amelogenin Y. <i>Human Molecular Genetics</i> , 2007 , 16, 307-16	5.6	102
102	Founders, drift, and infidelity: the relationship between Y chromosome diversity and patrilineal surnames. <i>Molecular Biology and Evolution</i> , 2009 , 26, 1093-102	8.3	91
101	High resolution Y chromosome typing: 19 STRs amplified in three multiplex reactions. <i>Forensic Science International</i> , 2002 , 125, 42-51	2.6	86
100	Homogeneity and distinctiveness of Polish paternal lineages revealed by Y chromosome microsatellite haplotype analysis. <i>Human Genetics</i> , 2002 , 110, 592-600	6.3	84
99	Genetic signatures of coancestry within surnames. <i>Current Biology</i> , 2006 , 16, 384-8	6.3	82
98	Excavating past population structures by surname-based sampling: the genetic legacy of the Vikings in northwest England. <i>Molecular Biology and Evolution</i> , 2008 , 25, 301-9	8.3	79
97	Y chromosomal evidence for the origins of oceanic-speaking peoples. <i>Genetics</i> , 2002 , 160, 289-303	4	79
96	Challenges in human genetic diversity: demographic history and adaptation. <i>Human Molecular Genetics</i> , 2007 , 16 Spec No. 2, R134-9	5.6	77
95	Dynamics of a human interparalog gene conversion hotspot. <i>Genome Research</i> , 2004 , 14, 835-44	9.7	63
94	Sex-specific genetic structure and social organization in Central Asia: insights from a multi-locus study. <i>PLoS Genetics</i> , 2008 , 4, e1000200	6	62
93	Duplications of the AZFa region of the human Y chromosome are mediated by homologous recombination between HERVs and are compatible with male fertility. <i>Human Molecular Genetics</i> , 2003 , 12, 341-7	5.6	61

92	Human Evolutionary Genetics		59
91	High level of male-biased Scandinavian admixture in Greenlandic Inuit shown by Y-chromosomal analysis. <i>Human Genetics</i> , 2003 , 112, 353-63	6.3	57
90	Large-scale recent expansion of European patrilineages shown by population resequencing. <i>Nature Communications</i> , 2015 , 6, 7152	17.4	56
89	Y-chromosomal SNP haplotype diversity in forensic analysis. <i>Forensic Science International</i> , 2001 , 118, 158-62	2.6	56
88	Patterns of inter- and intra-group genetic diversity in the Vlax Roma as revealed by Y chromosome and mitochondrial DNA lineages. <i>European Journal of Human Genetics</i> , 2001 , 9, 97-104	5.3	56
87	The Y chromosome: a blueprint for men's health?. <i>European Journal of Human Genetics</i> , 2017 , 25, 1181-1188	13.8	54
86	Gene conversion between the X chromosome and the male-specific region of the Y chromosome at a translocation hotspot. <i>American Journal of Human Genetics</i> , 2009 , 85, 130-4	11	54
85	Dynamic nature of the proximal AZFc region of the human Y chromosome: multiple independent deletion and duplication events revealed by microsatellite analysis. <i>Human Mutation</i> , 2008 , 29, 1171-80	4.7	52
84	Africans in Yorkshire? The deepest-rooting clade of the Y phylogeny within an English genealogy. <i>European Journal of Human Genetics</i> , 2007 , 15, 288-93	5.3	51
83	Mutation processes at human minisatellites. <i>Electrophoresis</i> , 1995 , 16, 1577-85	3.6	50
82	Y-chromosome descent clusters and male differential reproductive success: young lineage expansions dominate Asian pastoral nomadic populations. <i>European Journal of Human Genetics</i> , 2015 , 23, 1413-22	5.3	48
81	The impact of recent events on human genetic diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 793-9	5.8	44
80	Recombination dynamics of a human Y-chromosomal palindrome: rapid GC-biased gene conversion, multi-kilobase conversion tracts, and rare inversions. <i>PLoS Genetics</i> , 2013 , 9, e1003666	6	44
79	Genetic diversity and the emergence of ethnic groups in Central Asia. <i>BMC Genetics</i> , 2009 , 10, 49	2.6	44
78	Diversity of 26-locus Y-STR haplotypes in a Nepalese population sample: isolation and drift in the Himalayas. <i>Forensic Science International</i> , 2007 , 166, 176-81	2.6	44
77	Y-chromosomal diversity in the population of Guinea-Bissau: a multiethnic perspective. <i>BMC Evolutionary Biology</i> , 2007 , 7, 124	3	37
76	Y-chromosome-specific microsatellite mutation rates re-examined using a minisatellite, MSY1. <i>Human Molecular Genetics</i> , 1999 , 8, 2117-20	5.6	37
75	The case of the unreliable SNP: recurrent back-mutation of Y-chromosomal marker P25 through gene conversion. <i>Forensic Science International</i> , 2006 , 159, 14-20	2.6	35

74	Haploid chromosomes in molecular ecology: lessons from the human Y. <i>Molecular Ecology</i> , 2001 , 10, 1599-613	5.7	35
73	26-Locus Y-STR typing in a Bhutanese population sample. <i>Forensic Science International</i> , 2006 , 161, 1-7	2.6	31
72	Native American Y chromosomes in Polynesia: the genetic impact of the Polynesian slave trade. <i>American Journal of Human Genetics</i> , 2003 , 72, 1282-7	11	31
71	Wide distribution and altitude correlation of an archaic high-altitude-adaptive EPAS1 haplotype in the Himalayas. <i>Human Genetics</i> , 2016 , 135, 393-402	6.3	28
70	Y-chromosomal STR haplotypes in Kalmyk population samples. <i>Forensic Science International</i> , 2007 , 173, 204-9	2.6	28
69	Genomic complexity of the Y-STR DYS19: inversions, deletions and founder lineages carrying duplications. <i>International Journal of Legal Medicine</i> , 2009 , 123, 15-23	3.1	26
68	Demographic History and Genetic Adaptation in the Himalayan Region Inferred from Genome-Wide SNP Genotypes of 49 Populations. <i>Molecular Biology and Evolution</i> , 2018 , 35, 1916-1933	8.3	26
67	In the blood: the myth and reality of genetic markers of identity. <i>Ethnic and Racial Studies</i> , 2016 , 39, 142-161	1.6	25
66	Y-chromosome mismatch distributions in Europe. <i>Molecular Biology and Evolution</i> , 2001 , 18, 1259-71	8.3	24
65	Extensive geographical and social structure in the paternal lineages of Saudi Arabia revealed by analysis of 27 Y-STRs. <i>Forensic Science International: Genetics</i> , 2018 , 33, 98-105	4.3	24
64	Great ape Y Chromosome and mitochondrial DNA phylogenies reflect subspecies structure and patterns of mating and dispersal. <i>Genome Research</i> , 2016 , 26, 427-39	9.7	22
63	Gene conversion violates the stepwise mutation model for microsatellites in y-chromosomal palindromic repeats. <i>Human Mutation</i> , 2014 , 35, 609-17	4.7	22
62	Y chromosome haplogroups of elite Ethiopian endurance runners. <i>Human Genetics</i> , 2004 , 115, 492-7	6.3	20
61	Detecting past male-mediated expansions using the Y chromosome. <i>Human Genetics</i> , 2017 , 136, 547-557	6.3	18
60	A phylogenetic framework facilitates Y-STR variant discovery and classification via massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2018 , 35, 97-106	4.3	18
59	Thomas Jefferson's Y chromosome belongs to a rare European lineage. <i>American Journal of Physical Anthropology</i> , 2007 , 132, 584-9	2.5	18
58	Genetic variation of 15 autosomal STR loci in Upper (Southern) Egyptians. <i>Forensic Science International: Genetics</i> , 2009 , 3, e39-44	4.3	17
57	Human Y Chromosome Exerts Pleiotropic Effects on Susceptibility to Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2386-2401	9.4	15

56	Massively parallel sequencing of autosomal STRs and identity-informative SNPs highlights consanguinity in Saudi Arabia. <i>Forensic Science International: Genetics</i> , 2019 , 43, 102164	4.3	15
55	The Use of Y-Chromosomal DNA Variation to Investigate Population History 1999 , 91-101		14
54	Don't mix radiocarbon and calendar years. <i>Nature</i> , 2005 , 434, 697	50.4	13
53	A linguistically informed autosomal STR survey of human populations residing in the greater Himalayan region. <i>PLoS ONE</i> , 2014 , 9, e91534	3.7	13
52	The Y chromosomes of the great apes. <i>Human Genetics</i> , 2017 , 136, 511-528	6.3	12
51	Population resequencing of European mitochondrial genomes highlights sex-bias in Bronze Age demographic expansions. <i>Scientific Reports</i> , 2017 , 7, 12086	4.9	12
50	Diversity of 17-locus Y-STR haplotypes in Upper (Southern) Egyptians. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 230-232	0.5	11
49	Large arrays of tandemly repeated DNA sequences in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Chromosoma</i> , 1993 , 102, 500-7	2.8	10
48	Analysis of 21 autosomal STRs in Saudi Arabia reveals population structure and the influence of consanguinity. <i>Forensic Science International: Genetics</i> , 2019 , 39, 97-102	4.3	10
47	Molecular evidence for absence of Y-linkage of the Hairy Ears trait. <i>European Journal of Human Genetics</i> , 2004 , 12, 1077-9	5.3	9
46	Y-chromosomal STR haplotypes in Inuit and Danish population samples. <i>Forensic Science International</i> , 2003 , 132, 228-32	2.6	9
45	Mitigating the effects of reference sequence bias in single-multiplex massively parallel sequencing of the mitochondrial DNA control region. <i>Forensic Science International: Genetics</i> , 2019 , 40, 9-17	4.3	7
44	Complex germline and somatic mutation processes at a haploid human minisatellite shown by single-molecule analysis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 648, 46-53	3.3	7
43	Human populations: houses for spouses. <i>Current Biology</i> , 2007 , 17, R14-6	6.3	7
42	Recombination hotspots in an extended human pseudoautosomal domain predicted from double-strand break maps and characterized by sperm-based crossover analysis. <i>PLoS Genetics</i> , 2018 , 14, e1007680	6	7
41	Signatures of human European Palaeolithic expansion shown by resequencing of non-recombining X-chromosome segments. <i>European Journal of Human Genetics</i> , 2017 , 25, 485-492	5.3	5
40	The Paternal Landscape along the Bight of Benin - Testing Regional Representativeness of West-African Population Samples Using Y-Chromosomal Markers. <i>PLoS ONE</i> , 2015 , 10, e0141510	3.7	5
39	The jigsaw puzzle of our African ancestry: unsolved, or unsolvable?. <i>Genome Biology</i> , 2011 , 12, 118	18.3	4

38	Geographical structuring and low diversity of paternal lineages in Bahrain shown by analysis of 27 Y-STRs. <i>Molecular Genetics and Genomics</i> , 2020 , 295, 1315-1324	3.1	4
37	A common 1.6 mb Y-chromosomal inversion predisposes to subsequent deletions and severe spermatogenic failure in humans. <i>ELife</i> , 2021 , 10,	8.9	4
36	Double trouble. <i>Investigative Genetics</i> , 2013 , 4, 12		3
35	Curiosity in the genes: the DNA fingerprinting story. <i>Investigative Genetics</i> , 2013 , 4, 20		3
34	The music of the genes. <i>Investigative Genetics</i> , 2014 , 5, 2		2
33	The unexpected always happens. <i>Investigative Genetics</i> , 2012 , 3, 5		2
32	Forensic science and the right to access to justice: Testing the efficacy of self-examination intimate DNA swabs to enhance victim-centred responses to sexual violence in low-resource environments. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 331-335	2	2
31	Significant others. <i>Investigative Genetics</i> , 2012 , 3, 21		2
30	Tales the double helix tells. <i>Investigative Genetics</i> , 2010 , 1, 2		2
29	Genetic and linguistic borders in the Himalayan Region 2009 , 181-202		2
28	Massively parallel sequencing of sex-chromosomal STRs in Saudi Arabia reveals patrilineage-associated sequence variants. <i>Forensic Science International: Genetics</i> , 2020 , 49, 102402	4.3	2
27	Subdividing Y-chromosome haplogroup R1a1 reveals Norse Viking dispersal lineages in Britain. <i>European Journal of Human Genetics</i> , 2021 , 29, 512-523	5.3	2
26	Application of a mitochondrial DNA control region frequency database for UK domestic cats. <i>Forensic Science International: Genetics</i> , 2017 , 27, 149-155	4.3	1
25	On the nose: genetic and evolutionary aspects of smell. <i>Investigative Genetics</i> , 2015 , 6, 2		1
24	The sperm's tale. <i>Investigative Genetics</i> , 2014 , 5, 6		1
23	Trouble at the races. <i>Investigative Genetics</i> , 2014 , 5, 14		1
22	Inheritance of coronary artery disease in men [Authors]reply. <i>Lancet, The</i> , 2012 , 379, 2425	4.0	1
21	Elementary, my dear Cameron. <i>Investigative Genetics</i> , 2011 , 2, 5		1

20	The distribution of Y-chromosomal haplotypes: forensic implications. <i>International Congress Series</i> , 2004 , 1261, 70-72		1
19	Human pigmentation: not all black and white. <i>Trends in Genetics</i> , 2001 , 17, 625	8.5	1
18	Strategies for pairwise searches in forensic kinship analysis. <i>Forensic Science International: Genetics</i> , 2021 , 54, 102562	4.3	1
17	Forensic genetics through the lens of Lewontin: population structure, ancestry and race.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022 , 377, 20200422	5.8	1
16	Flogging a dead horse. <i>Investigative Genetics</i> , 2013 , 4, 5		
15	Boys and girls. <i>Investigative Genetics</i> , 2012 , 3, 13		
14	The bishop and the actress. <i>Investigative Genetics</i> , 2012 , 3, 27		
13	The iceman cometh. <i>Investigative Genetics</i> , 2012 , 3, 8		
12	The truth is out there. <i>Investigative Genetics</i> , 2013 , 4, 24		
11	Genes and queens. <i>Investigative Genetics</i> , 2011 , 2, 14		
10	The Baron's complaint. <i>Investigative Genetics</i> , 2011 , 2, 18		
9	Father figures. <i>Investigative Genetics</i> , 2011 , 2, 21		
8	Appy christmas. <i>Investigative Genetics</i> , 2011 , 2, 25		
7	Love chemistry. <i>Investigative Genetics</i> , 2011 , 2, 9		
6	The ghost and the machine. <i>Investigative Genetics</i> , 2010 , 1, 11		
5	After the gold rush. <i>Trends in Genetics</i> , 2001 , 17, 17	8.5	
4	Double trouble. <i>Trends in Genetics</i> , 2000 , 16, 203	8.5	
3	Sex and the X. <i>Trends in Genetics</i> , 2000 , 16, 67	8.5	

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|---|---|-----|
| 2 | Geographical and linguistic structure in the people of Kenya demonstrated using 21 autosomal STRs. <i>Forensic Science International: Genetics</i> , 2021 , 53, 102535 | 4-3 |
| 1 | Sequencing of autosomal, mitochondrial and Y-chromosomal forensic markers in the People of the British Isles cohort detects population structure dominated by patrilineages. <i>Forensic Science International: Genetics</i> , 2022 , 59, 102725 | 4-3 |