

Guido Barbujani

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1367318/guido-barbujani-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

145
papers

6,500
citations

42
h-index

78
g-index

156
ext. papers

7,217
ext. citations

5.9
avg, IF

5.28
L-index

#	Paper	IF	Citations
145	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
144	An apportionment of human DNA diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 4516-9	11.5	371
143	High carrier frequency of the 35delG deafness mutation in European populations. Genetic Analysis Consortium of GJB2 35delG. <i>European Journal of Human Genetics</i> , 2000 , 8, 19-23	5.3	318
142	CYP2D6 worldwide genetic variation shows high frequency of altered activity variants and no continental structure. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 93-101	1.9	287
141	Evidence for a genetic discontinuity between Neandertals and 24,000-year-old anatomically modern Europeans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 6593-7	11.5	236
140	The origin of European cattle: evidence from modern and ancient DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8113-8	11.5	229
139	Y genetic data support the Neolithic demic diffusion model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11008-13	11.5	206
138	Zones of sharp genetic change in Europe are also linguistic boundaries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 1816-9	11.5	202
137	Geographic patterns of mtDNA diversity in Europe. <i>American Journal of Human Genetics</i> , 2000 , 66, 262-78	11	174
136	Patterns of human diversity, within and among continents, inferred from biallelic DNA polymorphisms. <i>Genome Research</i> , 2002 , 12, 602-12	9.7	153
135	A predominantly neolithic origin for European paternal lineages. <i>PLoS Biology</i> , 2010 , 8, e1000285	9.7	151
134	Chimpanzee genomic diversity reveals ancient admixture with bonobos. <i>Science</i> , 2016 , 354, 477-481	33.3	139
133	A latitudinal cline in a <i>Drosophila</i> clock gene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1992 , 250, 43-9	4.4	124
132	Tracing past human male movements in northern/eastern Africa and western Eurasia: new clues from Y-chromosomal haplogroups E-M78 and J-M12. <i>Molecular Biology and Evolution</i> , 2007 , 24, 1300-11	8.3	121
131	Clines of nuclear DNA markers suggest a largely neolithic ancestry of the European gene pool. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9053-8	11.5	121
130	Genomic and cranial phenotype data support multiple modern human dispersals from Africa and a southern route into Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7248-53	11.5	111
129	Genetics and the population history of Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 22-5	11.5	100

128	Detecting Regions of Abrupt Change in Maps of Biological Variables. <i>Systematic Zoology</i> , 1989 , 38, 376		100
127	Autocorrelation of gene frequencies under isolation by distance. <i>Genetics</i> , 1987 , 117, 777-82	4	97
126	Y chromosomal haplogroup J as a signature of the post-neolithic colonization of Europe. <i>Human Genetics</i> , 2004 , 115, 357-71	6.3	93
125	Spatio-temporal population structuring and genetic diversity retention in depleted Atlantic bluefin tuna of the Mediterranean Sea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 2102-7	11.5	81
124	Estimating the impact of prehistoric admixture on the genome of Europeans. <i>Molecular Biology and Evolution</i> , 2004 , 21, 1361-72	8.3	80
123	Indo-European origins: a computer-simulation test of five hypotheses. <i>American Journal of Physical Anthropology</i> , 1995 , 96, 109-32	2.5	77
122	Human genome diversity: frequently asked questions. <i>Trends in Genetics</i> , 2010 , 26, 285-95	8.5	75
121	Genetic variation in North Africa and Eurasia: neolithic demic diffusion vs. Paleolithic colonisation. <i>American Journal of Physical Anthropology</i> , 1994 , 95, 137-54	2.5	75
120	Evidence for Paleolithic and Neolithic gene flow in Europe. <i>American Journal of Human Genetics</i> , 1998 , 62, 488-92	11	74
119	A recent shift from polygyny to monogamy in humans is suggested by the analysis of worldwide Y-chromosome diversity. <i>Journal of Molecular Evolution</i> , 2003 , 57, 85-97	3.1	74
118	A highly divergent mtDNA sequence in a Neandertal individual from Italy. <i>Current Biology</i> , 2006 , 16, R630-3	6.3	71
117	Origins and evolution of the Europeans genome: evidence from multiple microsatellite loci. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 1595-602	4.4	62
116	The Etruscans: a population-genetic study. <i>American Journal of Human Genetics</i> , 2004 , 74, 694-704	11	60
115	Understanding 6th-century barbarian social organization and migration through paleogenomics. <i>Nature Communications</i> , 2018 , 9, 3547	17.4	57
114	Africans and Asians abroad: genetic diversity in Europe. <i>Annual Review of Genomics and Human Genetics</i> , 2004 , 5, 119-50	9.7	53
113	Genetics and Language in European Populations. <i>American Naturalist</i> , 1990 , 135, 157-175	3.7	50
112	High resolution analysis and phylogenetic network construction using complete mtDNA sequences in sardinian genetic isolates. <i>Molecular Biology and Evolution</i> , 2006 , 23, 2101-11	8.3	49
111	Neurofibromatosis-1: a maximum likelihood estimation of mutation rate. <i>Human Genetics</i> , 1990 , 84, 116-8	6.3	49

110	Mitochondrial DNA sequences in prehistoric human remains from the Alps. <i>European Journal of Human Genetics</i> , 2000 , 8, 669-77	5.3	46
109	DNA diversity and population admixture in Anatolia. <i>American Journal of Physical Anthropology</i> , 2001 , 115, 144-56	2.5	44
108	Worldwide analysis of multiple microsatellites: language diversity has a detectable influence on DNA diversity. <i>American Journal of Physical Anthropology</i> , 2007 , 133, 1137-46	2.5	43
107	Molecular diversity at the CYP2D6 locus in the Mediterranean region. <i>European Journal of Human Genetics</i> , 2004 , 12, 916-24	5.3	43
106	Genealogical relationships between early medieval and modern inhabitants of Piedmont. <i>PLoS ONE</i> , 2015 , 10, e0116801	3.7	43
105	Genetic characterization of the body attributed to the evangelist Luke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 13460-3	11.5	42
104	Serial coalescent simulations suggest a weak genealogical relationship between Etruscans and modern Tuscans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8012-7	11.5	40
103	BCHE and CYP2D6 genetic variation in Alzheimer's disease patients treated with cholinesterase inhibitors. <i>European Journal of Clinical Pharmacology</i> , 2011 , 67, 1147-57	2.8	38
102	Inferring genealogical processes from patterns of Bronze-Age and modern DNA variation in Sardinia. <i>Molecular Biology and Evolution</i> , 2010 , 27, 875-86	8.3	38
101	Barriers to gene flow estimated by surname distribution in Italy. <i>Annals of Human Genetics</i> , 1993 , 57, 123-40	2.2	38
100	Evolutionary history and adaptation of a human pygmy population of Flores Island, Indonesia. <i>Science</i> , 2018 , 361, 511-516	33.3	36
99	Genetic evidence on origin and dispersal of human populations speaking languages of the Nostratic macrofamily. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 4670-3	11.5	36
98	Geographical structuring in the mtDNA of Italians. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 9171-5	11.5	36
97	Genomic boundaries between human populations. <i>Human Heredity</i> , 2006 , 61, 15-21	1.1	35
96	Human Races: Classifying People vs Understanding Diversity. <i>Current Genomics</i> , 2005 , 6, 215-226	2.6	35
95	Genetic variation in prehistoric Sardinia. <i>Human Genetics</i> , 2007 , 122, 327-36	6.3	34
94	Across language families: Genome diversity mirrors linguistic variation within Europe. <i>American Journal of Physical Anthropology</i> , 2015 , 157, 630-40	2.5	32
93	A 28,000 years old Cro-Magnon mtDNA sequence differs from all potentially contaminating modern sequences. <i>PLoS ONE</i> , 2008 , 3, e2700	3.7	32

92	Complete mitochondrial sequences from Mesolithic Sardinia. <i>Scientific Reports</i> , 2017 , 7, 42869	4.9	30
91	The Uromodulin Gene Locus Shows Evidence of Pathogen Adaptation through Human Evolution. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 2983-2996	12.7	30
90	Origins and evolution of the EtruscansUmtDNA. <i>PLoS ONE</i> , 2013 , 8, e55519	3.7	30
89	Genealogical discontinuities among Etruscan, Medieval, and contemporary Tuscans. <i>Molecular Biology and Evolution</i> , 2009 , 26, 2157-66	8.3	27
88	Y-chromosome polymorphisms and the origins of the European gene pool. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 1959-1965	4.4	27
87	What do languages tell us about human microevolution?. <i>Trends in Ecology and Evolution</i> , 1991 , 6, 151-6	10.9	27
86	The microcephalin ancestral allele in a Neanderthal individual. <i>PLoS ONE</i> , 2010 , 5, e10648	3.7	26
85	Early modern human dispersal from Africa: genomic evidence for multiple waves of migration. <i>Investigative Genetics</i> , 2015 , 6, 13		25
84	Nine things to remember about human genome diversity. <i>Tissue Antigens</i> , 2013 , 82, 155-64		24
83	Y-chromosome mismatch distributions in Europe. <i>Molecular Biology and Evolution</i> , 2001 , 18, 1259-71	8.3	24
82	No evidence of Neandertal admixture in the mitochondrial genomes of early European modern humans and contemporary Europeans. <i>American Journal of Physical Anthropology</i> , 2011 , 146, 242-52	2.5	23
81	Comparing population structure as inferred from genealogical versus genetic information. <i>European Journal of Human Genetics</i> , 2009 , 17, 1635-41	5.3	23
80	Evolution of detoxifying systems: the role of environment and population history in shaping genetic diversity at human CYP2D6 locus. <i>Pharmacogenetics and Genomics</i> , 2010 , 20, 485-99	1.9	23
79	Comparing models on the genealogical relationships among Neandertal, Cro-Magnoid and modern Europeans by serial coalescent simulations. <i>Heredity</i> , 2009 , 102, 218-25	3.6	22
78	Multilocus analysis of introgression between two sand fly vectors of leishmaniasis. <i>BMC Evolutionary Biology</i> , 2008 , 8, 141	3	21
77	Genetic structure of bluefin tuna in the mediterranean sea correlates with environmental variables. <i>PLoS ONE</i> , 2013 , 8, e80105	3.7	21
76	Genome diversity in the Neolithic Globular Amphorae culture and the spread of Indo-European languages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	20
75	Surnames in Ferrara: distribution, isonymy and levels of inbreeding. <i>Annals of Human Biology</i> , 1987 , 14, 415-23	1.7	20

74	Comparison of two statistical techniques for the surveillance of birth defects through a Monte Carlo simulation. <i>Statistics in Medicine</i> , 1984 , 3, 239-47	2.3	20
73	The Neanderthal in the karst: First dating, morphometric, and paleogenetic data on the fossil skeleton from Altamura (Italy). <i>Journal of Human Evolution</i> , 2015 , 82, 88-94	3.1	18
72	Demographic History of the Genus Pan Inferred from Whole Mitochondrial Genome Reconstructions. <i>Genome Biology and Evolution</i> , 2016 , 8, 2020-30	3.9	18
71	Long-range comparison between genes and languages based on syntactic distances. <i>Human Heredity</i> , 2010 , 70, 245-54	1.1	18
70	Duchenne muscular dystrophy. Frequency of sporadic cases. <i>Human Genetics</i> , 1984 , 67, 252-6	6.3	18
69	A western route of prehistoric human migration from Africa into the Iberian Peninsula. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182288	4.4	17
68	Genetic analysis of the skeletal remains attributed to Francesco Petrarca. <i>Forensic Science International</i> , 2007 , 173, 36-40	2.6	17
67	Mitochondrial diversity in linguistic isolates of the Alps: a reappraisal. <i>Human Biology</i> , 2002 , 74, 725-30	1.2	17
66	A two-step test for the heterogeneity of Fst values at different loci. <i>Human Heredity</i> , 1985 , 35, 292-5	1.1	17
65	Diversity of some gene frequencies in European and Asian populations. III. Spatial correlogram analysis. <i>Annals of Human Genetics</i> , 1987 , 51, 345-53	2.2	16
64	Detecting and comparing the direction of gene-frequency gradients. <i>Journal of Genetics</i> , 1988 , 67, 129-140		15
63	Genomic evidence for an African expansion of anatomically modern humans by a Southern route. <i>Human Biology</i> , 2011 , 83, 477-89	1.2	14
62	Etruscan Artifacts: Much Ado about Nothing. <i>American Journal of Human Genetics</i> , 2004 , 75, 923-927	11	13
61	Mitochondrial lineages in Ladin-speaking communities of the eastern Alps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 555-61	4.4	13
60	Geographical patterns of karyotype polymorphism in Italian populations of <i>Ornithogalum montanum</i> (Liliaceae). <i>Heredity</i> , 1989 , 62 (Pt 1), 67-75	3.6	13
59	Diversity of some gene frequencies in European and Asian populations. IV. Genetic population structure assessed by the variogram. <i>Annals of Human Genetics</i> , 1988 , 52, 215-25	2.2	13
58	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
57	Torus palatinus: a segregation analysis. <i>Human Heredity</i> , 1986 , 36, 317-25	1.1	12

56	The Mediterranean paradox for susceptibility factors in coronary heart disease extends to genetics. <i>Annals of Human Genetics</i> , 2008 , 72, 48-56	2.2	11
55	Reconstruction of prehistory on the basis of genetic data. <i>American Journal of Human Genetics</i> , 2000 , 66, 1177-9	11	11
54	Segregation and sporadic cases in families with Hunter's syndrome. <i>Journal of Medical Genetics</i> , 1991 , 28, 398-401	5.8	10
53	A review of statistical methods for continuous monitoring of malformation frequencies. <i>European Journal of Epidemiology</i> , 1987 , 3, 67-77	12.1	10
52	A multistep process for the dispersal of a Y chromosomal lineage in the Mediterranean area. <i>Annals of Human Genetics</i> , 2001 , 65, 339-49	2.2	10
51	Genetic evidence does not support an Etruscan origin in Anatolia. <i>American Journal of Physical Anthropology</i> , 2013 , 152, 11-8	2.5	9
50	High mitochondrial mutation rates estimated from deep-rooting Costa Rican pedigrees. <i>American Journal of Physical Anthropology</i> , 2012 , 148, 327-33	2.5	9
49	Surnames in Albania: a study of the population of Albania through isonymy. <i>Annals of Human Genetics</i> , 2013 , 77, 232-43	2.2	9
48	Were Cro-Magnons too like us for DNA to tell?. <i>Nature</i> , 2003 , 424, 127	50.4	9
47	Analysis of linkage disequilibrium between different cystic fibrosis mutations and three intragenic microsatellites in the Italian population. <i>Human Mutation</i> , 1995 , 5, 23-7	4.7	9
46	Geographical patterns of gene frequencies in Italian populations of <i>Ornithogalum montanum</i> (Liliaceae). <i>Genetical Research</i> , 1991 , 58, 95-104	1.1	9
45	Diversity of some gene frequencies in European and Asian populations. Effects of longitude. <i>Journal of Human Evolution</i> , 1986 , 15, 61-69	3.1	9
44	Demographic history and adaptation account for clock gene diversity in humans. <i>Heredity</i> , 2016 , 117, 165-72	3.6	8
43	Genetic epidemiology of myotonic dystrophy. <i>Genetic Epidemiology</i> , 1987 , 4, 289-98	2.6	8
42	Human races. <i>Current Biology</i> , 2013 , 23, R185-7	6.3	7
41	Diversity of some gene frequencies in European and Asian populations. VI. Geographic patterns of PGM and ACP. <i>Human Heredity</i> , 1990 , 40, 313-21	1.1	7
40	A genetic perspective on Longobard-Era migrations. <i>European Journal of Human Genetics</i> , 2019 , 27, 647-656	6.56	7
39	A novel parallel approach to the likelihood-based estimation of admixture in population genetics. <i>Bioinformatics</i> , 2009 , 25, 1440-1	7.2	6

38	Human genetics: message from the Mesolithic. <i>Current Biology</i> , 2012 , 22, R631-3	6.3	5
37	Geographic homogeneity and non-equilibrium patterns of mtDNA sequences in Tuscany, Italy. <i>Human Genetics</i> , 1996 , 98, 145-50	6.3	5
36	An earlier revolution: genetic and genomic analyses reveal pre-existing cultural differences leading to Neolithization. <i>Scientific Reports</i> , 2017 , 7, 3525	4.9	4
35	Genetic evidence for prehistoric demographic changes in Europe. <i>Human Heredity</i> , 2013 , 76, 133-41	1.1	3
34	Partitioning of Genetic Variation in Human Populations and the Concept of Race 19-37		3
33	Segregation and sporadic cases of Duchenne muscular dystrophy in the Henan Province, China. <i>Human Heredity</i> , 1990 , 40, 167-72	1.1	3
32	Surveillance of birth defects: the Multicommunity Sets Technique tested by computer simulation. <i>European Journal of Epidemiology</i> , 1986 , 2, 52-62	12.1	3
31	Diversity of some gene frequencies in European and Asian populations. II. Fit of an isolation by distance model. <i>Human Heredity</i> , 1987 , 37, 265-72	1.1	3
30	Biological performance in beta-thal heterozygotes and normals: results of a longitudinal comparison in a former malarial environment. <i>Annals of Human Genetics</i> , 1987 , 51, 337-43	2.2	3
29	Heterozygosity and geographic distances in a limited area. <i>Journal of Human Evolution</i> , 1983 , 12, 403-408	9.1	3
28	Human origins in Southern African palaeo-wetlands? Strong claims from weak evidence. <i>Journal of Archaeological Science</i> , 2021 , 130, 105374	2.9	3
27	The origin and legacy of the Etruscans through a 2000-year archeogenomic time transect. <i>Science Advances</i> , 2021 , 7, eabi7673	14.3	3
26	More Rule than Exception: Parallel Evidence of Ancient Migrations in Grammars and Genomes of Finno-Ugric Speakers. <i>Genes</i> , 2020 , 11,	4.2	2
25	Ancient DNA and forensics genetics: The case of Francesco Petrarca. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 469-470	0.5	2
24	No signature of Y chromosomal resemblance between possible descendants of the Cimbri in Denmark and Northern Italy. <i>American Journal of Physical Anthropology</i> , 2007 , 132, 278-84	2.5	2
23	Inferences on the inheritance of congenital anomalies from temporal and spatial patterns of occurrence. <i>Genetic Epidemiology</i> , 1989 , 6, 537-52	2.6	2
22	Genetic and linguistic borders in the Himalayan Region 2009 , 181-202		2
21	Mismeasuring Man Thirty Years Later 2013 , 129-146		2

20	Distinguishing among complex evolutionary models using unphased whole-genome data through random forest approximate Bayesian computation. <i>Molecular Ecology Resources</i> , 2021 , 21, 2614-2628	8.4	2
19	A Revised Model of Anatomically Modern Human Expansions Out of Africa through a Machine Learning Approximate Bayesian Computation Approach. <i>Genes</i> , 2020 , 11,	4.2	2
18	Walking with Robert Sokal. <i>Human Biology</i> , 2012 , 84, 481-8	1.2	1
17	European genetic diversity through space and time. <i>Human Heredity</i> , 2013 , 76, 119-20	1.1	1
16	Genetic Basis of Human Biodiversity: An Update 2011 , 97-119		1
15	A cline for glyoxalase I allele frequencies in Italy. <i>Annals of Human Biology</i> , 1986 , 13, 341-5	1.7	1
14	A genetic perspective on Longobard-Era migrations		1
13	The female ancestor's tale: Long-term matrilineal continuity in a nonisolated region of Tuscany. <i>American Journal of Physical Anthropology</i> , 2018 , 167, 497-506	2.5	1
12	Clinal variation in the nuclear DNA of Europeans. 1998. <i>Human Biology</i> , 2009 , 81, 625-38	1.2	0
11	Neolithic demic diffusion1-17		0
10	Race: Genetic Aspects 2015 , 825-832		
9	Race is Dead, Racial Prejudice is Not - Ann Morning, The nature of Race (Berkeley, University of California Press, 2011).. <i>Archives Europeennes De Sociologie</i> , 2011 , 52, 518-521	0.2	
8	Expected effects of mass screening policies on the frequency of cystic fibrosis homozygotes. <i>Human Genetics</i> , 1997 , 100, 666-8	6.3	
7	Linkage of biopsy, cancer, and population records aimed at the estimation of family risks in neoplasia: a pilot study. <i>Journal of Epidemiology and Community Health</i> , 1991 , 45, 107-11	5.1	
6	Human Populations: Origins and Evolution2, 1-14		
5	Luca Cavalli-Sforza, 100 years after his birth1-4		
4	Genetic Data in Forensic Science: Use, Misuse and Abuse 2012 , 243-259		
3	Genetics, Evolutionary 2018 , 1-10		

2 Formal linguistics as a cue to demographic history. *Journal of Anthropological Sciences*, **2016**, 94, 147-55 o.6

1 Genetic demography: What does it mean and how to interpret it, with a case study on the Neolithic transition **2021**, 91-100