

Guido Barbujani

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1367318/guido-barbujani-publications-by-year.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	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
144	Human origins in Southern African palaeo-wetlands? Strong claims from weak evidence. <i>Journal of Archaeological Science</i> , 2021 , 130, 105374	2.9	3
143	The origin and legacy of the Etruscans through a 2000-year archeogenomic time transect. <i>Science Advances</i> , 2021 , 7, eabi7673	14.3	3
142	Genetic demography: What does it mean and how to interpret it, with a case study on the Neolithic transition 2021 , 91-100		
141	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
140	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
139	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
138	A genetic perspective on Longobard-Era migrations. <i>European Journal of Human Genetics</i> , 2019 , 27, 647-656	6.5	7
137	Evolutionary history and adaptation of a human pygmy population of Flores Island, Indonesia. <i>Science</i> , 2018 , 361, 511-516	33.3	36
136	Genetics, Evolutionary 2018 , 1-10		
135	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
134	Understanding 6th-century barbarian social organization and migration through paleogenomics. <i>Nature Communications</i> , 2018 , 9, 3547	17.4	57
133	Complete mitochondrial sequences from Mesolithic Sardinia. <i>Scientific Reports</i> , 2017 , 7, 42869	4.9	30
132	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
131	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
130	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
129	Chimpanzee genomic diversity reveals ancient admixture with bonobos. <i>Science</i> , 2016 , 354, 477-481	33.3	139

128	Demographic history and adaptation account for clock gene diversity in humans. <i>Heredity</i> , 2016 , 117, 165-72	3.6	8
127	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
126	Formal linguistics as a cue to demographic history. <i>Journal of Anthropological Sciences</i> , 2016 , 94, 147-55	0.6	
125	Race: Genetic Aspects 2015 , 825-832		
124	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
123	Across language families: Genome diversity mirrors linguistic variation within Europe. <i>American Journal of Physical Anthropology</i> , 2015 , 157, 630-40	2.5	32
122	Early modern human dispersal from Africa: genomic evidence for multiple waves of migration. <i>Investigative Genetics</i> , 2015 , 6, 13		25
121	Genealogical relationships between early medieval and modern inhabitants of Piedmont. <i>PLoS ONE</i> , 2015 , 10, e0116801	3.7	43
120	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
119	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
118	Genetic evidence does not support an Etruscan origin in Anatolia. <i>American Journal of Physical Anthropology</i> , 2013 , 152, 11-8	2.5	9
117	Nine things to remember about human genome diversity. <i>Tissue Antigens</i> , 2013 , 82, 155-64		24
116	Genetic evidence for prehistoric demographic changes in Europe. <i>Human Heredity</i> , 2013 , 76, 133-41	1.1	3
115	Human races. <i>Current Biology</i> , 2013 , 23, R185-7	6.3	7
114	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
113	European genetic diversity through space and time. <i>Human Heredity</i> , 2013 , 76, 119-20	1.1	1
112	Origins and evolution of the EtruscansUmtDNA. <i>PLoS ONE</i> , 2013 , 8, e55519	3.7	30
111	Genetic structure of bluefin tuna in the mediterranean sea correlates with environmental variables. <i>PLoS ONE</i> , 2013 , 8, e80105	3.7	21

110	Mismeasuring Man Thirty Years Later 2013 , 129-146		2
109	Walking with Robert Sokal. <i>Human Biology</i> , 2012 , 84, 481-8	1.2	1
108	Human genetics: message from the Mesolithic. <i>Current Biology</i> , 2012 , 22, R631-3	6.3	5
107	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
106	Genetic Data in Forensic Science: Use, Misuse and Abuse 2012 , 243-259		
105	Genetic Basis of Human Biodiversity: An Update 2011 , 97-119		1
104	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
103	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
102	RacelsDead, RacialPrejudicelsNot - Ann Morning, The nature of Race (Berkeley, University of California Press, 2011).. <i>Archives Europeennes De Sociologie</i> , 2011 , 52, 518-521	0.2	
101	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
100	The microcephalin ancestral allele in a Neanderthal individual. <i>PLoS ONE</i> , 2010 , 5, e10648	3.7	26
99	Long-range comparison between genes and languages based on syntactic distances. <i>Human Heredity</i> , 2010 , 70, 245-54	1.1	18
98	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
97	A predominantly neolithic origin for European paternal lineages. <i>PLoS Biology</i> , 2010 , 8, e1000285	9.7	151
96	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
95	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
94	Human genome diversity: frequently asked questions. <i>Trends in Genetics</i> , 2010 , 26, 285-95	8.5	75
93	A novel parallel approach to the likelihood-based estimation of admixture in population genetics. <i>Bioinformatics</i> , 2009 , 25, 1440-1	7.2	6

92	Genealogical discontinuities among Etruscan, Medieval, and contemporary Tuscans. <i>Molecular Biology and Evolution</i> , 2009 , 26, 2157-66	8.3	27
91	Comparing population structure as inferred from genealogical versus genetic information. <i>European Journal of Human Genetics</i> , 2009 , 17, 1635-41	5.3	23
90	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
89	Clinal variation in the nuclear DNA of Europeans. 1998. <i>Human Biology</i> , 2009 , 81, 625-38	1.2	0
88	Genetic and linguistic borders in the Himalayan Region 2009 , 181-202		2
87	Multilocus analysis of introgression between two sand fly vectors of leishmaniasis. <i>BMC Evolutionary Biology</i> , 2008 , 8, 141	3	21
86	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
85	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
84	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
83	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
82	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
81	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
80	Genetic analysis of the skeletal remains attributed to Francesco Petrarca. <i>Forensic Science International</i> , 2007 , 173, 36-40	2.6	17
79	Genetic variation in prehistoric Sardinia. <i>Human Genetics</i> , 2007 , 122, 327-36	6.3	34
78	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
77	A highly divergent mtDNA sequence in a Neandertal individual from Italy. <i>Current Biology</i> , 2006 , 16, R630-3	6.3	71
76	Genomic boundaries between human populations. <i>Human Heredity</i> , 2006 , 61, 15-21	1.1	35
75	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

74	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
73	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
72	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
71	Human Races: Classifying People vs Understanding Diversity. <i>Current Genomics</i> , 2005 , 6, 215-226	2.6	35
70	Africans and Asians abroad: genetic diversity in Europe. <i>Annual Review of Genomics and Human Genetics</i> , 2004 , 5, 119-50	9.7	53
69	Molecular diversity at the CYP2D6 locus in the Mediterranean region. <i>European Journal of Human Genetics</i> , 2004 , 12, 916-24	5.3	43
68	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
67	Estimating the impact of prehistoric admixture on the genome of Europeans. <i>Molecular Biology and Evolution</i> , 2004 , 21, 1361-72	8.3	80
66	The Etruscans: a population-genetic study. <i>American Journal of Human Genetics</i> , 2004 , 74, 694-704	11	60
65	Etruscan Artifacts: Much Ado about Nothing. <i>American Journal of Human Genetics</i> , 2004 , 75, 923-927	11	13
64	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
63	Were Cro-Magnons too like us for DNA to tell?. <i>Nature</i> , 2003 , 424, 127	50.4	9
62	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
61	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
60	Patterns of human diversity, within and among continents, inferred from biallelic DNA polymorphisms. <i>Genome Research</i> , 2002 , 12, 602-12	9.7	153
59	Mitochondrial diversity in linguistic isolates of the Alps: a reappraisal. <i>Human Biology</i> , 2002 , 74, 725-30	1.2	17
58	DNA diversity and population admixture in Anatolia. <i>American Journal of Physical Anthropology</i> , 2001 , 115, 144-56	2.5	44
57	Y-chromosome mismatch distributions in Europe. <i>Molecular Biology and Evolution</i> , 2001 , 18, 1259-71	8.3	24

56	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
55	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
54	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
53	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
52	Mitochondrial DNA sequences in prehistoric human remains from the Alps. <i>European Journal of Human Genetics</i> , 2000 , 8, 669-77	5.3	46
51	Geographic patterns of mtDNA diversity in Europe. <i>American Journal of Human Genetics</i> , 2000 , 66, 262-78	11	174
50	Reconstruction of prehistory on the basis of genetic data. <i>American Journal of Human Genetics</i> , 2000 , 66, 1177-9	11	11
49	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
48	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
47	Evidence for Paleolithic and Neolithic gene flow in Europe. <i>American Journal of Human Genetics</i> , 1998 , 62, 488-92	11	74
46	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
45	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
44	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
43	Expected effects of mass screening policies on the frequency of cystic fibrosis homozygotes. <i>Human Genetics</i> , 1997 , 100, 666-8	6.3	
42	Geographic homogeneity and non-equilibrium patterns of mtDNA sequences in Tuscany, Italy. <i>Human Genetics</i> , 1996 , 98, 145-50	6.3	5
41	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
40	Indo-European origins: a computer-simulation test of five hypotheses. <i>American Journal of Physical Anthropology</i> , 1995 , 96, 109-32	2.5	77
39	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

38	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
37	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
36	Barriers to gene flow estimated by surname distribution in Italy. <i>Annals of Human Genetics</i> , 1993 , 57, 123-40	2.2	38
35	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
34	Segregation and sporadic cases in families with Hunter syndrome. <i>Journal of Medical Genetics</i> , 1991 , 28, 398-401	5.8	10
33	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	
32	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
31	What do languages tell us about human microevolution?. <i>Trends in Ecology and Evolution</i> , 1991 , 6, 151-6	10.9	27
30	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
29	Neurofibromatosis-1: a maximum likelihood estimation of mutation rate. <i>Human Genetics</i> , 1990 , 84, 116-8	6.3	49
28	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
27	Segregation and sporadic cases of Duchenne muscular dystrophy in the Henan Province, China. <i>Human Heredity</i> , 1990 , 40, 167-72	1.1	3
26	Genetics and Language in European Populations. <i>American Naturalist</i> , 1990 , 135, 157-175	3.7	50
25	Detecting Regions of Abrupt Change in Maps of Biological Variables. <i>Systematic Zoology</i> , 1989 , 38, 376		100
24	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
23	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
22	Detecting and comparing the direction of gene-frequency gradients. <i>Journal of Genetics</i> , 1988 , 67, 129-140		15
21	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

20	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
19	Surnames in Ferrara: distribution, isonymy and levels of inbreeding. <i>Annals of Human Biology</i> , 1987 , 14, 415-23	1.7	20
18	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
17	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
16	A review of statistical methods for continuous monitoring of malformation frequencies. <i>European Journal of Epidemiology</i> , 1987 , 3, 67-77	12.1	10
15	Genetic epidemiology of myotonic dystrophy. <i>Genetic Epidemiology</i> , 1987 , 4, 289-98	2.6	8
14	Autocorrelation of gene frequencies under isolation by distance. <i>Genetics</i> , 1987 , 117, 777-82	4	97
13	A cline for glyoxalase I allele frequencies in Italy. <i>Annals of Human Biology</i> , 1986 , 13, 341-5	1.7	1
12	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
11	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
10	Torus palatinus: a segregation analysis. <i>Human Heredity</i> , 1986 , 36, 317-25	1.1	12
9	A two-step test for the heterogeneity of Fst values at different loci. <i>Human Heredity</i> , 1985 , 35, 292-5	1.1	17
8	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
7	Duchenne muscular dystrophy. Frequency of sporadic cases. <i>Human Genetics</i> , 1984 , 67, 252-6	6.3	18
6	Heterozygosity and geographic distances in a limited area. <i>Journal of Human Evolution</i> , 1983 , 12, 403-408.1	3	3
5	Partitioning of Genetic Variation in Human Populations and the Concept of Race19-37		3
4	Human Populations: Origins and Evolution2, 1-14		
3	Neolithic demic diffusion1-17		0

2 Luca Cavalli-Sforza, 100 years after his birth1-4

1 A genetic perspective on Longobard-Era migrations

1