

# Fulvio Cruciani

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

6,426  
citations

109321  
35  
h-index

138484  
58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracing European Founder Lineages in the Near Eastern mtDNA Pool. American Journal of Human Genetics, 2000, 67, 1251-1276.	6.2	837
2	Single, Rapid Coastal Settlement of Asia Revealed by Analysis of Complete Mitochondrial Genomes. Science, 2005, 308, 1034-1036.	12.6	710
3	The Emerging Tree of West Eurasian mtDNAs: A Synthesis of Control-Region Sequences and RFLPs. American Journal of Human Genetics, 1999, 64, 232-249.	6.2	549
4	The Molecular Dissection of mtDNA Haplogroup H Confirms That the Franco-Cantabrian Glacial Refuge Was a Major Source for the European Gene Pool. American Journal of Human Genetics, 2004, 75, 910-918.	6.2	397
5	The Effective Mutation Rate at Y Chromosome Short Tandem Repeats, with Application to Human Population-Divergence Time. American Journal of Human Genetics, 2004, 74, 50-61.	6.2	353
6	A Back Migration from Asia to Sub-Saharan Africa Is Supported by High-Resolution Analysis of Human Y-Chromosome Haplotypes. American Journal of Human Genetics, 2002, 70, 1197-1214.	6.2	318
7	A Signal, from Human mtDNA, of Postglacial Recolonization in Europe. American Journal of Human Genetics, 2001, 69, 844-852.	6.2	267
8	mtDNA Haplogroup X: An Ancient Link between Europe/Western Asia and North America?. American Journal of Human Genetics, 1998, 63, 1852-1861.	6.2	263
9	The mtDNA Legacy of the Levantine Early Upper Palaeolithic in Africa. Science, 2006, 314, 1767-1770.	12.6	257
10	Phylogeographic Analysis of Haplogroup E3b (E-M215) Y Chromosomes Reveals Multiple Migratory Events Within and Out Of Africa. American Journal of Human Genetics, 2004, 74, 1014-1022.	6.2	197
11	Do the Four Clades of the mtDNA Haplogroup L2 Evolve at Different Rates?. American Journal of Human Genetics, 2001, 69, 1348-1356.	6.2	185
12	Tracing Past Human Male Movements in Northern/Eastern Africa and Western Eurasia: New Clues from Y-Chromosomal Haplogroups E-M78 and J-M12. Molecular Biology and Evolution, 2007, 24, 1300-1311.	8.9	143
13	Y-chromosomal evidence of a pastoralist migration through Tanzania to southern Africa. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10693-10698.	7.1	133
14	Extensive Female-Mediated Gene Flow from Sub-Saharan Africa into Near Eastern Arab Populations. American Journal of Human Genetics, 2003, 72, 1058-1064.	6.2	116
15	The A1555G Mutation in the 12S rRNA Gene of Human mtDNA: Recurrent Origins and Founder Events in Families Affected by Sensorineural Deafness. American Journal of Human Genetics, 1999, 65, 1349-1358.	6.2	111
16	A Revised Root for the Human Y Chromosomal Phylogenetic Tree: The Origin of Patrilineal Diversity in Africa. American Journal of Human Genetics, 2011, 88, 814-818.	6.2	111
17	Combined Use of Biallelic and Microsatellite Y-Chromosome Polymorphisms to Infer Affinities among African Populations. American Journal of Human Genetics, 1999, 65, 829-846.	6.2	107
18	Human Y chromosome haplogroup R-V88: a paternal genetic record of early mid Holocene trans-Saharan connections and the spread of Chadic languages. European Journal of Human Genetics, 2010, 18, 800-807.	2.8	93

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19	The lower susceptibility to Plasmodium falciparum malaria of Fulani of Burkina Faso (West Africa) is associated with low frequencies of classic malaria-resistance genes. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95, 149-152.	1.8	86
20	Human Y-chromosome variation in the Western Mediterranean area: implications for the peopling of the region. Human Immunology, 2001, 62, 871-884.	2.4	79
21	Differential Structuring of Human Populations for Homologous X and Y Microsatellite Loci. American Journal of Human Genetics, 1997, 61, 719-733.	6.2	70
22	An unbiased resource of novel SNP markers provides a new chronology for the human Y chromosome and reveals a deep phylogenetic structure in Africa. Genome Research, 2014, 24, 535-544.	5.5	67
23	Network Analyses of Y-Chromosomal Types in Europe, Northern Africa, and Western Asia Reveal Specific Patterns of Geographic Distribution. American Journal of Human Genetics, 1998, 63, 847-860.	6.2	63
24	Africans in Yorkshire? The deepest-rooting clade of the Y phylogeny within an English genealogy. European Journal of Human Genetics, 2007, 15, 288-293.	2.8	57
25	Footprints of X-to-Y Gene Conversion in Recent Human Evolution. Molecular Biology and Evolution, 2010, 27, 714-725.	8.9	55
26	Forensic data and microvariant sequence characterization of 27 Y-STR loci analyzed in four Eastern African countries. Forensic Science International: Genetics, 2017, 27, 123-131.	3.1	55
27	Y chromosome palindromes and gene conversion. Human Genetics, 2017, 136, 605-619.	3.8	50
28	Strong intra- and inter-continental differentiation revealed by Y chromosome SNPs M269, U106 and U152. Forensic Science International: Genetics, 2011, 5, e49-e52.	3.1	47
29	A New Topology of the Human Y Chromosome Haplogroup E1b1 (E-P2) Revealed through the Use of Newly Characterized Binary Polymorphisms. PLoS ONE, 2011, 6, e16073.	2.5	47
30	Molecular diversity at the CYP2D6 locus in the Mediterranean region. European Journal of Human Genetics, 2004, 12, 916-924.	2.8	46
31	Phylogeographic Refinement and Large Scale Genotyping of Human Y Chromosome Haplogroup E Provide New Insights into the Dispersal of Early Pastoralists in the African Continent. Genome Biology and Evolution, 2015, 7, 1940-1950.	2.5	44
32	Brief communication: mtDNA variation in North Cameroon: Lack of asian lineages and implications for back migration from Asia to sub-Saharan Africa. American Journal of Physical Anthropology, 2005, 128, 678-681.	2.1	43
33	Mapping human dispersals into the Horn of Africa from Arabian Ice Age refugia using mitogenomes. Scientific Reports, 2016, 6, 25472.	3.3	40
34	Molecular dissection of the Y chromosome haplogroup E-M78 (E3b1a): a posteriori evaluation of a microsatellite-network-based approach through six new biallelic markers. Human Mutation, 2006, 27, 831-832.	2.5	39
35	Forensic genetic value of a 27 Y-STR loci multiplex (Yfiler® Plus kit) in an Italian population sample. Forensic Science International: Genetics, 2016, 21, e1-e5.	3.1	37
36	Analysis of the human Y-chromosome haplogroup Q characterizes ancient population movements in Eurasia and the Americas. BMC Biology, 2019, 17, 3.	3.8	36

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37	The peopling of the last Green Sahara revealed by high-coverage resequencing of trans-Saharan patrilineages. <i>Genome Biology</i> , 2018, 19, 20.	8.8	30
38	Genetic diversity patterns at the human clock gene period 2 are suggestive of population-specific positive selection. <i>European Journal of Human Genetics</i> , 2008, 16, 1526-1534.	2.8	29
39	Molecular Dissection of the Basal Clades in the Human Y Chromosome Phylogenetic Tree. <i>PLoS ONE</i> , 2012, 7, e49170.	2.5	29
40	Inter- and Intraspecies Phylogenetic Analyses Reveal Extensive Xâ€Y Gene Conversion in the Evolution of Gametologous Sequences of Human Sex Chromosomes. <i>Molecular Biology and Evolution</i> , 2014, 31, 2108-2123.	8.9	28
41	Evidence of extensive non-allelic gene conversion among LTR elements in the human genome. <i>Scientific Reports</i> , 2016, 6, 28710.	3.3	26
42	Rapidly mutating Y-STRs in rapidly expanding populations: Discrimination power of the Yfiler Plus multiplex in northern Africa. <i>Forensic Science International: Genetics</i> , 2019, 38, 185-194.	3.1	23
43	Characterization of a Small Family (CAIII) of Microsatellite-Containing Sequences with X-Y Homology. <i>Journal of Molecular Evolution</i> , 1996, 44, 652-659.	1.8	22
44	About the X-to-Y Gene Conversion Rate. <i>American Journal of Human Genetics</i> , 2010, 86, 495-497.	6.2	14
45	Patterns of Inter-Chromosomal Gene Conversion on the Male-Specific Region of the Human Y Chromosome. <i>Frontiers in Genetics</i> , 2017, 8, 54.	2.3	14
46	A multivariate statistical approach for the estimation of the ethnic origin of unknown genetic profiles in forensic genetics. <i>Forensic Science International: Genetics</i> , 2020, 45, 102209.	3.1	14
47	Linkage disequilibrium analysis of the human adenosine deaminase (ada) gene provides evidence for a lack of correlation between hot spots of equal and unequal homologous recombination. <i>Genomics</i> , 2003, 82, 20-33.	2.9	12
48	Regional Differences in the Accumulation of SNPs on the Male-Specific Portion of the Human Y Chromosome Replicate Autosomal Patterns: Implications for Genetic Dating. <i>PLoS ONE</i> , 2015, 10, e0134646.	2.5	12
49	Ethnic fragmentation and degree of urbanization strongly affect the discrimination power of Y-STR haplotypes in central Sahel. <i>Forensic Science International: Genetics</i> , 2020, 49, 102374.	3.1	10
50	A finely resolved phylogeny of Y chromosome Hg J illuminates the processes of Phoenician and Greek colonizations in the Mediterranean. <i>Scientific Reports</i> , 2018, 8, 7465.	3.3	9
51	Reply to Lancaster. <i>European Journal of Human Genetics</i> , 2010, 18, 1186-1187.	2.8	8
52	Sequence Read Depth Analysis of a Monophyletic Cluster of Y Chromosomes Characterized by Structural Rearrangements in the AZFc Region Resulting in DYS448 Deletion and DYF387S1 Duplication. <i>Frontiers in Genetics</i> , 2021, 12, 669405.	2.3	8
53	New insights into the evolution of human Y chromosome palindromes through mutation and gene conversion. <i>Human Molecular Genetics</i> , 2021, 30, 2272-2285.	2.9	7
54	On the Evolution of Yeti, a <i>Drosophila melanogaster</i> Heterochromatin Gene. <i>PLoS ONE</i> , 2014, 9, e113010.	2.5	6

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55	Recurrent mutation in SNPs within Y chromosome E3b (Eâ€M215) haplogroup: A rebuttal. American Journal of Human Biology, 2008, 20, 614-616.	1.6	5
56	LOW DISCRIMINATION POWER OF THE YFILERâ„¢ PLUS PCR AMPLIFICATION KIT IN AFRICAN POPULATIONS. DO WE NEED MORE RM Y-STRs?. Forensic Science International: Genetics Supplement Series, 2019, 7, 671-673.	0.3	5
57	Y Haplogroup Diversity of the Dominican Republic: Reconstructing the Effect of the European Colonization and the Trans-Atlantic Slave Trades. Genome Biology and Evolution, 2020, 12, 1579-1590.	2.5	5
58	Identification and molecular characterisation of an AMEL-X null allele due to an Alu insertion. Forensic Science International: Genetics, 2019, 38, e1-e4.	3.1	2
59	An MspI polymorphism in the X-specific region proximal to the pseudoautosomal boundary. A new example of a unique 'African' marker?. Human Genetics, 1994, 94, 215-6.	3.8	0
60	Identification and molecular characterisation of an unusually short allele at the SE33 (ACTBP2) locus resulting in a putative tri-allelic pattern at a flanking marker. Forensic Science International: Genetics, 2021, 54, 102523.	3.1	0
61	A multivariate statistical approach to for the evaluation of the biogeographical ancestry information from traditional STRs. Forensic Science International: Genetics Supplement Series, 2019, 7, 253-255.	0.3	0