

Beniamino Trombetta

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,031
citations

471509

17
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1300-1311.	8.9	143
2	A Revised Root for the Human Y Chromosomal Phylogenetic Tree: The Origin of Patrilineal Diversity in Africa. <i>American Journal of Human Genetics</i> , 2011, 88, 814-818.	6.2	111
3	Human Y chromosome haplogroup R-V88: a paternal genetic record of early mid Holocene trans-Saharan connections and the spread of Chadic languages. <i>European Journal of Human Genetics</i> , 2010, 18, 800-807.	2.8	93
4	An unbiased resource of novel SNP markers provides a new chronology for the human Y chromosome and reveals a deep phylogenetic structure in Africa. <i>Genome Research</i> , 2014, 24, 535-544.	5.5	67
5	Footprints of X-to-Y Gene Conversion in Recent Human Evolution. <i>Molecular Biology and Evolution</i> , 2010, 27, 714-725.	8.9	55
6	Forensic data and microvariant sequence characterization of 27 Y-STR loci analyzed in four Eastern African countries. <i>Forensic Science International: Genetics</i> , 2017, 27, 123-131.	3.1	55
7	Y chromosome palindromes and gene conversion. <i>Human Genetics</i> , 2017, 136, 605-619.	3.8	50
8	Strong intra- and inter-continental differentiation revealed by Y chromosome SNPs M269, U106 and U152. <i>Forensic Science International: Genetics</i> , 2011, 5, e49-e52.	3.1	47
9	A New Topology of the Human Y Chromosome Haplogroup E1b1 (E-P2) Revealed through the Use of Newly Characterized Binary Polymorphisms. <i>PLoS ONE</i> , 2011, 6, e16073.	2.5	47
10	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. <i>Genome Biology and Evolution</i> , 2015, 7, 1940-1950.	2.5	44
11	Analysis of the human Y-chromosome haplogroup Q characterizes ancient population movements in Eurasia and the Americas. <i>BMC Biology</i> , 2019, 17, 3.	3.8	36
12	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
13	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
14	Molecular Dissection of the Basal Clades in the Human Y Chromosome Phylogenetic Tree. <i>PLoS ONE</i> , 2012, 7, e49170.	2.5	29
15	Inter- and Intraspecies Phylogenetic Analyses Reveal Extensive X-to-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
16	Evidence of extensive non-allelic gene conversion among LTR elements in the human genome. <i>Scientific Reports</i> , 2016, 6, 28710.	3.3	26
17	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
18	Karyology and distribution of <i>Sesleria tenuifolia</i> complex (Poaceae) in the Italian Peninsula. <i>Nordic Journal of Botany</i> , 2003, 23, 615-623.	0.5	14

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19	About the X-to-Y Gene Conversion Rate. American Journal of Human Genetics, 2010, 86, 495-497.	6.2	14
20	Patterns of Inter-Chromosomal Gene Conversion on the Male-Specific Region of the Human Y Chromosome. Frontiers in Genetics, 2017, 8, 54.	2.3	14
21	Iron Age Italic population genetics: the Piceni from Novilara (8th–7th century BC). Annals of Human Biology, 2018, 45, 34-43.	1.0	13
22	Regional Differences in the Accumulation of SNPs on the Male-Specific Portion of the Human Y Chromosome Replicate Autosomal Patterns: Implications for Genetic Dating. PLoS ONE, 2015, 10, e0134646.	2.5	12
23	Ethnic fragmentation and degree of urbanization strongly affect the discrimination power of Y-STR haplotypes in central Sahel. Forensic Science International: Genetics, 2020, 49, 102374.	3.1	10
24	A finely resolved phylogeny of Y chromosome Hg J illuminates the processes of Phoenician and Greek colonizations in the Mediterranean. Scientific Reports, 2018, 8, 7465.	3.3	9
25	Reply to Lancaster. European Journal of Human Genetics, 2010, 18, 1186-1187.	2.8	8
26	New insights into the evolution of human Y chromosome palindromes through mutation and gene conversion. Human Molecular Genetics, 2021, 30, 2272-2285.	2.9	7
27	Recurrent mutation in SNPs within Y chromosome E3b (E-M215) haplogroup: A rebuttal. American Journal of Human Biology, 2008, 20, 614-616.	1.6	5
28	LOW DISCRIMINATION POWER OF THE YFILER [®] , [†] 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
29	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
30	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