Andrea Novelletto

List of Publications by Year
in descending order

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Version: 2024-02-01

104 papers	5,483 citations	126907 33 h-index	82547 72 g-index
107 all docs	107 docs citations	107 times ranked	4913 citing authors

#	Article	IF	Citations
1	Trinucleotide repeat length instability and age of onset in Huntington's disease. Nature Genetics, 1993, 4, 387-392.	21.4	1,008
2	Tracing European Founder Lineages in the Near Eastern mtDNA Pool. American Journal of Human Genetics, 2000, 67, 1251-1276.	6.2	837
3	A Signal, from Human mtDNA, of Postglacial Recolonization in Europe. American Journal of Human Genetics, 2001, 69, 844-852.	6.2	267
4	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
5	A Predominantly Neolithic Origin for Y-Chromosomal DNA Variation in North Africa. American Journal of Human Genetics, 2004, 75, 338-345.	6.2	173
6	The Huntington's disease candidate region exhibits many different haplotypes. Nature Genetics, 1992, 1, 99-103.	21.4	157
7	A Genome Scan for Modifiers of Age at Onset in Huntington Disease: The HD MAPS Study. American Journal of Human Genetics, 2003, 73, 682-687.	6.2	148
8	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
9	The Y-Chromosome Tree Bursts into Leaf: 13,000 High-Confidence SNPs Covering the Majority of Known Clades. Molecular Biology and Evolution, 2015, 32, 661-673.	8.9	137
10	Mutational spectrum of the succinate semialdehyde dehydrogenase (ALDH5A1) gene and functional analysis of 27 novel disease-causing mutations in patients with SSADH deficiency. Human Mutation, 2003, 22, 442-450.	2.5	117
11	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
12	Y chromosomal haplogroup J as a signature of the post-neolithic colonization of Europe. Human Genetics, 2004, 115, 357-371.	3.8	104
13	Two Exon-Skipping Mutations as the Molecular Basis of Succinic Semialdehyde Dehydrogenase Deficiency (4-Hydroxybutyric Aciduria). American Journal of Human Genetics, 1998, 63, 399-408.	6.2	73
14	Genome-wide significance for a modifier of age at neurological onset in Huntington's Disease at 6q23-24: the HD MAPS study. BMC Medical Genetics, 2006, 7, 71.	2.1	72
15	Differential Structuring of Human Populations for Homologous X and Y Microsatellite Loci. American Journal of Human Genetics, 1997, 61, 719-733.	6.2	70
16	Large-scale recent expansion of European patrilineages shown by population resequencing. Nature Communications, 2015, 6, 7152.	12.8	69
17	Evidence for a modifier of onset age in Huntington disease linked to the HD gene in 4p16. Neurogenetics, 2004, 5, 109-114.	1.4	67
18	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

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19	Inferring Human Population Sizes, Divergence Times and Rates of Gene Flow From Mitochondrial, X and Y Chromosome Resequencing Data. Genetics, 2007, 177, 2195-2207.	2.9	65
20	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
21	Common SNP-Based Haplotype Analysis of the 4p16.3 Huntington Disease Gene Region. American Journal of Human Genetics, 2012, 90, 434-444.	6.2	60
22	Population Structure in the Mediterranean Basin: A Y Chromosome Perspective. Annals of Human Genetics, 2006, 70, 207-225.	0.8	56
23	Clinal patterns of human Y chromosomal diversity in continental Italy and Greece are dominated by drift and founder effects. Molecular Phylogenetics and Evolution, 2003, 28, 387-395.	2.7	55
24	Multiple Advantageous Amino Acid Variants in the NAT2 Gene in Human Populations. PLoS ONE, 2008, 3, e3136.	2.5	50
25	Structure of human succinic semialdehyde dehydrogenase gene: identification of promoter region and alternatively processed isoforms. Molecular Genetics and Metabolism, 2002, 76, 348-362.	1.1	49
26	Genetic characterization of the body attributed to the evangelist Luke. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13460-13463.	7.1	47
27	Mapping of cosmid clones in Huntington's disease region of chromosome 4. Somatic Cell and Molecular Genetics, 1991, 17, 83-91.	0.7	46
28	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
29	Genetic Structure of Pastoral and Farmer Populations in the African Sahel. Molecular Biology and Evolution, 2011, 28, 2491-2500.	8.9	43
30	Family and molecular data for a fine analysis of age at onset in Huntington disease. American Journal of Medical Genetics Part A, 2000, 95, 366-373.	2.4	40
31	Molecular characterization of Î²-thalassemia mutations in Egypt. Human Genetics, 1990, 85, 272-274.	3.8	39
32	Loggerhead turtle (Caretta caretta) matrilines in the Mediterranean: further evidence of genetic diversity and connectivity. Marine Biology, 2009, 156, 2085-2095.	1.5	39
33	The coming of the Greeks to Provence and Corsica: Y-chromosome models of archaic Greek colonization of the western Mediterranean. BMC Evolutionary Biology, 2011, 11, 69.	3.2	37
34	Genetic characterization of central Mediterranean stocks of the loggerhead turtle (<i>Caretta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Conservation: Marine and Freshwater Ecosystems, 2013, 23, 868-884.	2.0	35
35	Y chromosome variation in Europe: Continental and local processes in the formation of the extant gene pool. Annals of Human Biology, 2007, 34, 139-172.	1.0	34
36	Polymorphism analysis of the huntingtin gene in Italian families affected with Huntington disease. Human Molecular Genetics, 1994, 3, 1129-1132.	2.9	32

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37	The peopling of the last Green Sahara revealed by high-coverage resequencing of trans-Saharan patrilineages. Genome Biology, 2018, 19, 20.	8.8	30
38	A case of hereditary persistence of fetal hemoglobin caused by a gene not linked to the Î²-globin cluster. Human Genetics, 1989, 82, 335-337.	3.8	27
39	Analysis of (CAG)n size heterogeneity in somatic and sperm cell DNA from intermediate and expanded Huntington disease gene carriers. Human Mutation, 1997, 10, 458-464.	2.5	27
40	The gene for spinal cerebellar ataxia 1 (SCA1) is flanked by two closely linked highly polymorphic microsatellite loci. Human Molecular Genetics, 1993, 2, 1383-1387.	2.9	26
41	Population stratification may bias analysis of PGC-1Î± as a modifier of age at Huntington disease motor onset. Human Genetics, 2012, 131, 1833-1840.	3.8	26
42	Phylogeny and Patterns of Diversity of Goat mtDNA Haplogroup A Revealed by Resequencing Complete Mitogenomes. PLoS ONE, 2014, 9, e95969.	2.5	26
43	Human Succinic Semialdehyde Dehydrogenase. Advances in Experimental Medicine and Biology, 1996, , 253-260.	1.6	24
44	Y chromosome analysis reveals a sharp genetic boundary in the Carpathian region. European Journal of Human Genetics, 2001, 9, 27-33.	2.8	23
45	Internal diversification of nonâ€Šubâ€Šsaharan haplogroups in Sahelian populations and the spread of pastoralism beyond the Sahara. American Journal of Physical Anthropology, 2017, 164, 424-434.	2.1	23
46	Characterization of a Small Family (CAIII) of Microsatellite-Containing Sequences with X-Y Homology. Journal of Molecular Evolution, 1996, 44, 652-659.	1.8	22
47	Multiple and differentiated contributions to the male gene pool of pastoral and farmer populations of the African Sahel. American Journal of Physical Anthropology, 2013, 151, 10-21.	2.1	22
48	TAA repeat variation in the GRIK2 gene does not influence age at onset in Huntingtonâ€™s disease. Biochemical and Biophysical Research Communications, 2012, 424, 404-408.	2.1	20
49	Human maternal heritage in Andalusia (Spain): its composition reveals high internal complexity and distinctive influences of mtDNA haplogroups U6 and L in the western and eastern side of region. BMC Genetics, 2014, 15, 11.	2.7	20
50	Y-Chromosome STR Loci in Sardinia and Continental Italy Reveal Islander-Specific Haplotypes. European Journal of Human Genetics, 1997, 5, 288-292.	2.8	20
51	Construction of a YAC Contig Covering Human Chromosome 6p22. Genomics, 1996, 36, 399-407.	2.9	19
52	Y-chromosomal variation in the Czech Republic. American Journal of Physical Anthropology, 2007, 132, 132-139.	2.1	19
53	A novel sampling design to explore gene-longevity associations: the ECHA study. European Journal of Human Genetics, 2008, 16, 236-242.	2.8	18
54	Early Holocenic and Historic mtDNA African Signatures in the Iberian Peninsula: The Andalusian Region as a Paradigm. PLoS ONE, 2015, 10, e0139784.	2.5	18

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55	Haplotype Affinities Resolve a Major Component of Goat (Capra hircus) MtDNA D-Loop Diversity and Reveal Specific Features of the Sardinian Stock. PLoS ONE, 2012, 7, e30785.	2.5	17
56	Epidemiological and linkage studies on Huntington's disease in Italy. Human Genetics, 1990, 85, 165-70.	3.8	16
57	A New Î²-Thalassemia Mutation Produced by a Single Nucleotide Substitution in the Conserved Dinucleotide Sequence of the IVS-I Consensus Acceptor Site (Agâ†'AA). Hemoglobin, 1990, 14, 431-440.	0.8	16
58	SSADH Variation in Primates: Intra- and Interspecific Data on a Gene with a Potential Role in Human Cognitive Functions. Journal of Molecular Evolution, 2006, 63, 54-68.	1.8	16
59	Identification and phylogenetic position of Naegleria spp. from geothermal springs in Italy. Experimental Parasitology, 2017, 183, 143-149.	1.2	15
60	The distribution of mitochondrial DNA haplogroup H in southern Iberia indicates ancient human genetic exchanges along the western edge of the Mediterranean. BMC Genetics, 2017, 18, 46.	2.7	15
61	A comprehensive mitochondrial DNA mixed-stock analysis clarifies the composition of loggerhead turtle aggregates in the Adriatic Sea. Marine Biology, 2018, 165, 1.	1.5	15
62	Cognitive Functioning and Survival in the Elderly: The SSADH C538T Polymorphism. Annals of Human Genetics, 2008, 72, 630-635.	0.8	14
63	A multivariate statistical approach for the estimation of the ethnic origin of unknown genetic profiles in forensic genetics. Forensic Science International: Genetics, 2020, 45, 102209.	3.1	14
64	A multistep process for the dispersal of a Y chromosomal lineage in the Mediterranean area. Annals of Human Genetics, 2001, 65, 339-49.	0.8	14
65	Analysis of three RFLPs of the COL1A2 (Type I Collagen) in the Amhara and the Oromo of Ethiopia. Annals of Human Biology, 2002, 29, 432-441.	1.0	13
66	Chromosome 4q35 haplotypes and DNA rearrangements segregating in affected subjects of 19 Italian families with facioscapulohumeral musculatur dystrophy (FSHD). Human Genetics, 1994, 94, 367-374.	3.8	12
67	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
68	Spatially Explicit Models to Investigate Geographic Patterns in the Distribution of Forensic STRs: Application to the North-Eastern Mediterranean. PLoS ONE, 2016, 11, e0167065.	2.5	12
69	Frequency and types of deletional Î±+ in Northern Sardinia. Human Genetics, 1985, 71, 147-149.	3.8	11
70	Cavernous angiomas of the nervous system in Italy: clinical and genetic study. Neurological Sciences, 2000, 21, 129-134.	1.9	11
71	The Andalusian population from Huelva reveals a high diversification of Y-DNA paternal lineages from haplogroup E: Identifying human male movements within the Mediterranean space. Annals of Human Biology, 2010, 37, 86-107.	1.0	11
72	Human Genomic Diversity Where the Mediterranean Joins the Atlantic. Molecular Biology and Evolution, 2020, 37, 1041-1055.	8.9	11

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73	Searching the peopling of the Iberian Peninsula from the perspective of two andalusian subpopulations: a study based on Y-chromosome haplogroups J and E. Collegium Antropologicum, 2010, 34, 1215-28.	0.2	11
74	Non-random association between DNA markers and Huntington disease locus in the Italian population. American Journal of Medical Genetics Part A, 1991, 40, 374-376.	2.4	10
75	Candidate glutamatergic and dopaminergic pathway gene variants do not influence Huntingtonâ€™s disease motor onset. Neurogenetics, 2013, 14, 173-179.	1.4	10
76	Haplotype differences for copy number variants in the 22q11.23 region among human populations: a pigmentation-based model for selective pressure. European Journal of Human Genetics, 2015, 23, 116-123.	2.8	10
77	Polymorphism in Mitochondrial Coding Regions of Mediterranean Loggerhead Turtles: Evolutionary Relevance and Structural Effects. Physiological and Biochemical Zoology, 2016, 89, 473-486.	1.5	10
78	Frequency and molecular types of deletional Î±-thalassemia in Egypt. Human Genetics, 1989, 81, 211-213.	3.8	9
79	Analysis of Î²-thalassemia mutations in the United Arab Emirates provides evidence for recurrent origin of the IVSINT 5 (G-C) mutation. Human Mutation, 1995, 5, 327-328.	2.5	9
80	Succinic semialdehyde dehydrogenase deficiency: clinical, biochemical and molecular characterization of a new patient with severe phenotype and a novel mutation. Clinical Genetics, 2006, 69, 294-296.	2.0	9
81	Y-STR genetic diversity in autochthonous Andalusians from Huelva and Granada provinces (Spain). Forensic Science International: Genetics, 2012, 6, e66-e71.	3.1	9
82	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
83	A human derived SSADH coding variant is replacing the ancestral allele shared with primates. Annals of Human Biology, 2006, 33, 593-603.	1.0	7
84	Linkage exclusion in Italian families with hereditary essential tremor. European Journal of Neurology, 2011, 18, e118-e120.	3.3	7
85	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
86	A shared haplotype for dentatorubropallidoluysian atrophy (DRPLA) in Italian families testifies of the recent introduction of the mutation. Journal of Human Genetics, 2014, 59, 153-157.	2.3	6
87	Characterization of prevalence and genetic subtypes of Blastocystis sp. in wild and domestic Suidae of central Italy aided by amplicon NGS. Veterinary Parasitology: Regional Studies and Reports, 2020, 22, 100472.	0.5	6
88	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
89	New insights into the distribution ofAPOEpolymorphism in the Iberian Peninsula. The case of Andalusia (Spain). Annals of Human Biology, 2014, 41, 443-452.	1.0	5
90	Enlarging the gene-geography of Europe and the Mediterranean area to STR loci of common forensic use: longitudinal and latitudinal frequency gradients. Annals of Human Biology, 2018, 45, 77-85.	1.0	5

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91	Polymorphic Genetic Markers of the GABA Catabolism Pathway in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 77, 301-311.	2.6	5
92	PCR-based identification of thermotolerant free-living amoebae in Italian hot springs. European Journal of Protistology, 2021, 80, 125812.	1.5	5
93	Polymorphism of Erythrocyte Galactose-1-Phosphate Uridyl-Transf erase in Italy: Segregation Analysis in 693 Families. Human Heredity, 1984, 34, 197-206.	0.8	4
94	Independent methods for evolutionary genetic dating provide insights into Y-chromosomal STR mutation rates confirming data from direct fatherâ€“son transmissions. Human Genetics, 2005, 118, 153-165.	3.8	4
95	Paternal lineages in southern Iberia provide time frames for gene flow from mainland Europe and the Mediterranean world. Annals of Human Biology, 2019, 46, 63-76.	1.0	4
96	Kinship assignment with the ForenSeqâ„¢ DNA Signature Prep Kit: Sources of error in simulated and real cases. Science and Justice - Journal of the Forensic Science Society, 2022, 62, 1-9.	2.1	4
97	The complete mitochondrial DNA sequence of the Montecristo goat. Livestock Science, 2016, 188, 120-123.	1.6	3
98	A genetic portrait of the Southâ€Eastern Carpathians based on autosomal short tandem repeats loci used in forensics. American Journal of Human Biology, 2018, 30, e23139.	1.6	3
99	Secular changes of the sex-ratio of stillbirths and early deaths in Italy: Evidence for postponement of male specific risk. Japanese Journal of Human Genetics, 1984, 29, 139-145.	0.8	2
100	Concerted variation of the 3â€² regulatory region of Ig heavy chain and Gm haplotypes across human continental populations. American Journal of Physical Anthropology, 2020, 171, 671-682.	2.1	2
101	The landscape of Y chromosome polymorphisms in Russia. Annals of Human Biology, 2010, 37, 367-384.	1.0	1
102	A Further Case of^GÎ³-Î²⁺Hereditary Persistence of HB F Associated to the -202 CG Mutation in the^GÎ³ Promoter Region. Hemoglobin, 1987, 11, 389-393.	0.8	0
103	Ordering of 44 Genetic Markers in the 6p22 Cytogenetic Band. DNA Sequence, 1996, 7, 51-52.	0.7	0
104	Genetic variation patterns of Î²-thalassemia in Western Andalusia (Spain) reveal a structure of specific mutations within the Iberian Peninsula. Annals of Human Biology, 2021, 48, 406-417.	1.0	0