Andrea Novelletto

List of Publications by Year
in descending order

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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	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
2	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
3	PCR-based identification of thermotolerant free-living amoebae in Italian hot springs. European Journal of Protistology, 2021, 80, 125812.	1.5	5
4	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
5	Human Genomic Diversity Where the Mediterranean Joins the Atlantic. Molecular Biology and Evolution, 2020, 37, 1041-1055.	8.9	11
6	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
7	Polymorphic Genetic Markers of the GABA Catabolism Pathway in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 77, 301-311.	2.6	5
8	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
9	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
10	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
11	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
12	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
13	The peopling of the last Green Sahara revealed by high-coverage resequencing of trans-Saharan patrilineages. Genome Biology, 2018, 19, 20.	8.8	30
14	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
15	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
16	Identification and phylogenetic position of Naegleria spp. from geothermal springs in Italy. Experimental Parasitology, 2017, 183, 143-149.	1.2	15
17	Internal diversification of nonâ€Subâ€Saharan haplogroups in Sahelian populations and the spread of pastoralism beyond the Sahara. American Journal of Physical Anthropology, 2017, 164, 424-434.	2.1	23
18	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

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19	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
20	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
21	The complete mitochondrial DNA sequence of the Montecristo goat. Livestock Science, 2016, 188, 120-123.	1.6	3
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	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
24	Large-scale recent expansion of European patrilineages shown by population resequencing. Nature Communications, 2015, 6, 7152.	12.8	69
25	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
26	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
27	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
28	Phylogeny and Patterns of Diversity of Goat mtDNA Haplogroup A Revealed by Resequencing Complete Mitogenomes. PLoS ONE, 2014, 9, e95969.	2.5	26
29	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
30	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
31	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
32	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
33	Candidate glutamatergic and dopaminergic pathway gene variants do not influence Huntingtonâ€™s disease motor onset. Neurogenetics, 2013, 14, 173-179.	1.4	10
34	Genetic characterization of central Mediterranean stocks of the loggerhead turtle (Caretta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Conservation: Marine and Freshwater Ecosystems, 2013, 23, 868-884.	2.0	35
35	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
36	Y-STR genetic diversity in autochthonous Andalusians from Huelva and Granada provinces (Spain). Forensic Science International: Genetics, 2012, 6, e66-e71.	3.1	9

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37	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
38	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
39	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
40	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
41	Linkage exclusion in Italian families with hereditary essential tremor. European Journal of Neurology, 2011, 18, e118-e120.	3.3	7
42	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
43	Genetic Structure of Pastoral and Farmer Populations in the African Sahel. Molecular Biology and Evolution, 2011, 28, 2491-2500.	8.9	43
44	The landscape of Y chromosome polymorphisms in Russia. Annals of Human Biology, 2010, 37, 367-384.	1.0	1
45	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
46	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
47	Loggerhead turtle (Caretta caretta) matrilines in the Mediterranean: further evidence of genetic diversity and connectivity. Marine Biology, 2009, 156, 2085-2095.	1.5	39
48	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
49	A novel sampling design to explore gene-longevity associations: the ECHA study. European Journal of Human Genetics, 2008, 16, 236-242.	2.8	18
50	Cognitive Functioning and Survival in the Elderly: The SSADH C538T Polymorphism. Annals of Human Genetics, 2008, 72, 630-635.	0.8	14
51	Multiple Advantageous Amino Acid Variants in the NAT2 Gene in Human Populations. PLoS ONE, 2008, 3, e3136.	2.5	50
52	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
53	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
54	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

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55	Y-chromosomal variation in the Czech Republic. American Journal of Physical Anthropology, 2007, 132, 132-139.	2.1	19
56	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
57	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
58	Population Structure in the Mediterranean Basin: A Y Chromosome Perspective. Annals of Human Genetics, 2006, 70, 207-225.	0.8	56
59	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
60	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
61	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
62	Y chromosomal haplogroup J as a signature of the post-neolithic colonization of Europe. Human Genetics, 2004, 115, 357-371.	3.8	104
63	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
64	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
65	A Predominantly Neolithic Origin for Y-Chromosomal DNA Variation in North Africa. American Journal of Human Genetics, 2004, 75, 338-345.	6.2	173
66	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
67	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
68	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
69	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
70	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
71	A Signal, from Human mtDNA, of Postglacial Recolonization in Europe. American Journal of Human Genetics, 2001, 69, 844-852.	6.2	267
72	Y chromosome analysis reveals a sharp genetic boundary in the Carpathian region. European Journal of Human Genetics, 2001, 9, 27-33.	2.8	23

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73	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
74	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
75	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
76	Cavernous angiomas of the nervous system in Italy: clinical and genetic study. Neurological Sciences, 2000, 21, 129-134.	1.9	11
77	Tracing European Founder Lineages in the Near Eastern mtDNA Pool. American Journal of Human Genetics, 2000, 67, 1251-1276.	6.2	837
78	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
79	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
80	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
81	Differential Structuring of Human Populations for Homologous X and Y Microsatellite Loci. American Journal of Human Genetics, 1997, 61, 719-733.	6.2	70
82	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
83	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
84	Construction of a YAC Contig Covering Human Chromosome 6p22. Genomics, 1996, 36, 399-407.	2.9	19
85	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
86	Ordering of 44 Genetic Markers in the 6p22 Cytogenetic Band. DNA Sequence, 1996, 7, 51-52.	0.7	0
87	Human Succinic Semialdehyde Dehydrogenase. Advances in Experimental Medicine and Biology, 1996, , 253-260.	1.6	24
88	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
89	Polymorphism analysis of the huntingtin gene in Italian families affected with Huntington disease. Human Molecular Genetics, 1994, 3, 1129-1132.	2.9	32
90	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

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91	Trinucleotide repeat length instability and age of onset in Huntington's disease. Nature Genetics, 1993, 4, 387-392.	21.4	1,008
92	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
93	The Huntington's disease candidate region exhibits many different haplotypes. Nature Genetics, 1992, 1, 99-103.	21.4	157
94	Mapping of cosmid clones in Huntington's disease region of chromosome 4. Somatic Cell and Molecular Genetics, 1991, 17, 83-91.	0.7	46
95	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
96	Epidemiological and linkage studies on Huntington's disease in Italy. Human Genetics, 1990, 85, 165-70.	3.8	16
97	Molecular characterization of Î²-thalassemia mutations in Egypt. Human Genetics, 1990, 85, 272-274.	3.8	39
98	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
99	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
100	Frequency and molecular types of deletional Î±-thalassemia in Egypt. Human Genetics, 1989, 81, 211-213.	3.8	9
101	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
102	Frequency and types of deletional Î±+ in Northern Sardinia. Human Genetics, 1985, 71, 147-149.	3.8	11
103	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
104	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