

Antônio Amorim

List of Publications by Year in descending order

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335
papers

9,919
citations

38660

50
h-index

60497

81
g-index

342
all docs

342
docs citations

342
times ranked

10939
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1526-1543.	2.6	519
2	Interleukin 1B and interleukin 1RN polymorphisms are associated with increased risk of gastric carcinoma. <i>Gastroenterology</i> , 2001, 121, 823-829.	0.6	402
3	Revealing the History of Sheep Domestication Using Retrovirus Integrations. <i>Science</i> , 2009, 324, 532-536.	6.0	402
4	Assessing individual interethnic admixture and population substructure using a 48-insertion-deletion (INSEL) ancestry-informative marker (AIM) panel. <i>Human Mutation</i> , 2010, 31, 184-190.	1.1	301
5	Straightforward Inference of Ancestry and Admixture Proportions through Ancestry-Informative Insertion Deletion Multiplexing. <i>PLoS ONE</i> , 2012, 7, e29684.	1.1	211
6	A new multiplex for human identification using insertion/deletion polymorphisms. <i>Electrophoresis</i> , 2009, 30, 3682-3690.	1.3	197
7	The Matrilineal Ancestry of Ashkenazi Jewry: Portrait of a Recent Founder Event. <i>American Journal of Human Genetics</i> , 2006, 78, 487-497.	2.6	140
8	New Microsatellite Multiplex PCR for <i>Candida albicans</i> Strain Typing Reveals Microevolutionary Changes. <i>Journal of Clinical Microbiology</i> , 2005, 43, 3869-3876.	1.8	137
9	High-resolution mtDNA evidence for the late-glacial resettlement of Europe from an Iberian refugium. <i>Genome Research</i> , 2005, 15, 19-24.	2.4	137
10	The genetic legacy of western Bantu migrations. <i>Human Genetics</i> , 2005, 117, 366-375.	1.8	131
11	Pros and cons in the use of SNPs in forensic kinship investigation: a comparative analysis with STRs. <i>Forensic Science International</i> , 2005, 150, 17-21.	1.3	124
12	Latin Americans show wide-spread <i>Converso</i> ancestry and imprint of local Native ancestry on physical appearance. <i>Nature Communications</i> , 2018, 9, 5388.	5.8	123
13	Human Spermatogenic Failure Purges Deleterious Mutation Load from the Autosomes and Both Sex Chromosomes, including the Gene <i>DMRT1</i> . <i>PLoS Genetics</i> , 2013, 9, e1003349.	1.5	118
14	Identification of Species with DNA-Based Technology: Current Progress and Challenges. <i>Recent Patents on DNA & Gene Sequences</i> , 2008, 2, 187-200.	0.7	109
15	A GEP-ISFG collaborative study on the optimization of an X-STR decaplex: data on 15 Iberian and Latin American populations. <i>International Journal of Legal Medicine</i> , 2009, 123, 227-234.	1.2	103
16	Counting the Founders: The Matrilineal Genetic Ancestry of the Jewish Diaspora. <i>PLoS ONE</i> , 2008, 3, e2062.	1.1	101
17	Highly Polymorphic Microsatellite for Identification of <i>Candida albicans</i> Strains. <i>Journal of Clinical Microbiology</i> , 2003, 41, 552-557.	1.8	97
18	mtDNA phylogeny and evolution of laboratory mouse strains. <i>Genome Research</i> , 2007, 17, 293-298.	2.4	96

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19	Tracing the History of Goat Pastoralism: New Clues from Mitochondrial and Y Chromosome DNA in North Africa. <i>Molecular Biology and Evolution</i> , 2009, 26, 2765-2773.	3.5	96
20	Genetic Signatures of a Mediterranean Influence in Iberian Peninsula Sheep Husbandry. <i>Molecular Biology and Evolution</i> , 2006, 23, 1420-1426.	3.5	94
21	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.	0.8	90
22	An X-Linked Haplotype of Neandertal Origin Is Present Among All Non-African Populations. <i>Molecular Biology and Evolution</i> , 2011, 28, 1957-1962.	3.5	87
23	Micro-Phylogeographic and Demographic History of Portuguese Male Lineages. <i>Annals of Human Genetics</i> , 2006, 70, 181-194.	0.3	76
24	Microbial forensics: new breakthroughs and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10377-10391.	1.7	76
25	X-chromosome markers in kinship testing: A generalisation of the IBD approach identifying situations where their contribution is crucial. <i>Forensic Science International: Genetics</i> , 2011, 5, 27-32.	1.6	75
26	Resolving the ancestry of Austronesian-speaking populations. <i>Human Genetics</i> , 2016, 135, 309-326.	1.8	71
27	Forensic genetics and genomics: Much more than just a human affair. <i>PLoS Genetics</i> , 2017, 13, e1006960.	1.5	71
28	Influence of the variable number of tandem repeats located in the promoter region of the thiopurine methyltransferase gene on enzymatic activity. <i>Clinical Pharmacology and Therapeutics</i> , 2001, 70, 165-174.	2.3	69
29	Frequency and Pattern of Heteroplasmy in the Complete Human Mitochondrial Genome. <i>PLoS ONE</i> , 2013, 8, e74636.	1.1	69
30	Gains, Losses and Changes of Function after Gene Duplication: Study of the Metallothionein Family. <i>PLoS ONE</i> , 2011, 6, e18487.	1.1	67
31	Mitochondrial DNA Rearrangements in Health and Disease-A Comprehensive Study. <i>Human Mutation</i> , 2014, 35, 1-14.	1.1	67
32	Mitochondrial DNA in human identification: a review. <i>PeerJ</i> , 2019, 7, e7314.	0.9	67
33	Asian Origin for the Worldwide-Spread Mutational Event in Machado-Joseph Disease. <i>Archives of Neurology</i> , 2007, 64, 1502.	4.9	65
34	Mitochondrial DNA deletions are associated with non-B DNA conformations. <i>Nucleic Acids Research</i> , 2012, 40, 7606-7621.	6.5	64
35	Reconstructing the Indian Origin and Dispersal of the European Roma: A Maternal Genetic Perspective. <i>PLoS ONE</i> , 2011, 6, e15988.	1.1	61
36	Genetic analysis of three US population groups using an X-chromosomal STR decaplex. <i>International Journal of Legal Medicine</i> , 2007, 121, 198-203.	1.2	60

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37	The human RPS4 paralogue on Yq11.223 encodes a structurally conserved ribosomal protein and is preferentially expressed during spermatogenesis. <i>BMC Molecular Biology</i> , 2010, 11, 33.	3.0	60
38	Predicting sampling saturation of mtDNA haplotypes: an application to an enlarged Portuguese database. <i>International Journal of Legal Medicine</i> , 2004, 118, 132-136.	1.2	59
39	MUC1 gene polymorphism in the gastric carcinogenesis pathway. <i>European Journal of Human Genetics</i> , 2001, 9, 548-552.	1.4	57
40	Standardisation of nomenclature for dog mtDNA D-loop: a prerequisite for launching a <i>Canis familiaris</i> database. <i>Forensic Science International</i> , 2004, 141, 99-108.	1.3	57
41	Evaluating the informative power of Y-STRs: a comparative study using European and new African haplotype data. <i>Forensic Science International</i> , 2003, 134, 126-133.	1.3	55
42	Contribution for an African autosomic STR database (AmpF/STR Identifiler and Powerplex 16 System) and a report on genotypic variations. <i>Forensic Science International</i> , 2004, 139, 201-205.	1.3	55
43	Demographic history of Canary Islands male gene-pool: replacement of native lineages by European. <i>BMC Evolutionary Biology</i> , 2009, 9, 181.	3.2	54
44	Post-glacial maximum expansion from Iberia to North Africa revealed by fine characterization of mtDNA H haplogroup in Tunisia. <i>American Journal of Physical Anthropology</i> , 2009, 139, 253-260.	2.1	54
45	Extensive regulation of nicotinate phosphoribosyltransferase (NAPRT) expression in human tissues and tumors. <i>Oncotarget</i> , 2016, 7, 1973-1983.	0.8	54
46	Patterns of haplotype diversity within the serpin gene cluster at 14q32.1: insights into the natural history of the α_1 -antitrypsin polymorphism. <i>Human Genetics</i> , 2001, 108, 20-30.	1.8	53
47	Genetic diversity of 10 X chromosome STRs in northern Portugal. <i>International Journal of Legal Medicine</i> , 2007, 121, 192-197.	1.2	53
48	Transcriptional changes in response to X chromosome dosage in the mouse: implications for X inactivation and the molecular basis of Turner Syndrome. <i>BMC Genomics</i> , 2010, 11, 82.	1.2	53
49	Identification of species by multiplex analysis of variable-length sequences. <i>Nucleic Acids Research</i> , 2010, 38, e203-e203.	6.5	53
50	The c.156_157insAlu BRCA2 rearrangement accounts for more than one-fourth of deleterious BRCA mutations in northern/central Portugal. <i>Breast Cancer Research and Treatment</i> , 2009, 114, 31-38.	1.1	52
51	<i>Mycobacterium tuberculosis</i> associated with severe tuberculosis evades cytosolic surveillance systems and modulates IL-1 β production. <i>Nature Communications</i> , 2020, 11, 1949.	5.8	52
52	MitoBreak: the mitochondrial DNA breakpoints database. <i>Nucleic Acids Research</i> , 2014, 42, D1261-D1268.	6.5	51
53	Chimpanzee homologous of human Y specific STRs. <i>Forensic Science International</i> , 2002, 126, 129-136.	1.3	50
54	Insertion/deletion polymorphisms: A multiplex assay and forensic applications. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 513-515.	0.1	50

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55	Digging deeper into East African human Y chromosome lineages. <i>Human Genetics</i> , 2010, 127, 603-613.	1.8	49
56	STR allelic frequencies for an African population sample (Equatorial Guinea) using AmpFISTR Identifiler and Powerplex 16 kits. <i>Forensic Science International</i> , 2005, 148, 239-242.	1.3	48
57	A new autosomal STR nineplex for canine identification and parentage testing. <i>Electrophoresis</i> , 2009, 30, 417-423.	1.3	48
58	Evidence for Variable Selective Pressures at a Large Secondary Structure of the Human Mitochondrial DNA Control Region. <i>Molecular Biology and Evolution</i> , 2008, 25, 2759-2770.	3.5	47
59	Rapid identification of <i>Aspergillus fumigatus</i> within the section <i>Fumigati</i> . <i>BMC Microbiology</i> , 2011, 11, 82.	1.3	46
60	Pre-Columbian origins of Native American dog breeds, with only limited replacement by European dogs, confirmed by mtDNA analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131142.	1.2	46
61	The MTHFR C677T and A1298C Polymorphisms and Susceptibility to Childhood Acute Lymphoblastic Leukemia in Portugal. <i>Journal of Pediatric Hematology/Oncology</i> , 2005, 27, 425-429.	0.3	45
62	Epistatic interactions: how strong in disease and evolution?. <i>Trends in Genetics</i> , 2006, 22, 581-585.	2.9	45
63	New Method for the Simultaneous Identification of Cow, Sheep, Goat, and Water Buffalo in Dairy Products by Analysis of Short Species-Specific Mitochondrial DNA Targets. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10480-10485.	2.4	45
64	A method for the analysis of 32 X chromosome insertion deletion polymorphisms in a single PCR. <i>International Journal of Legal Medicine</i> , 2012, 126, 97-105.	1.2	45
65	Biowarfare, bioterrorism and biocrime: A historical overview on microbial harmful applications. <i>Forensic Science International</i> , 2020, 314, 110366.	1.3	45
66	Inactivation status of PCDH11X: sexual dimorphisms in gene expression levels in brain. <i>Human Genetics</i> , 2006, 119, 267-275.	1.8	44
67	Distribution of Y-chromosome STR defined haplotypes in Iberia. <i>Forensic Science International</i> , 2000, 110, 117-126.	1.3	43
68	New Insights into the Phylogeny and Worldwide Dispersion of Two Closely Related Nematode Species, <i>Bursaphelenchus xylophilus</i> and <i>Bursaphelenchus mucronatus</i> . <i>PLoS ONE</i> , 2013, 8, e56288.	1.1	43
69	Asian online Y-STR Haplotype Reference Database. <i>Legal Medicine</i> , 2003, 5, S160-S163.	0.6	42
70	Population and mutation analysis of 17 Y-STR loci from Rio de Janeiro (Brazil). <i>International Journal of Legal Medicine</i> , 2005, 119, 70-76.	1.2	41
71	Essential genetic findings in neurodevelopmental disorders. <i>Human Genomics</i> , 2019, 13, 31.	1.4	41
72	Ancestral Origin of the ATTCT Repeat Expansion in Spinocerebellar Ataxia Type 10 (SCA10). <i>PLoS ONE</i> , 2009, 4, e4553.	1.1	40

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73	Trans-species polymorphism in humans and the great apes is generally maintained by balancing selection that modulates the host immune response. <i>Human Genomics</i> , 2015, 9, 21.	1.4	39
74	Y-chromosome genetic variation in Rio De Janeiro population. <i>American Journal of Human Biology</i> , 2006, 18, 829-837.	0.8	37
75	Moors and Saracens in Europe: estimating the medieval North African male legacy in southern Europe. <i>European Journal of Human Genetics</i> , 2009, 17, 848-852.	1.4	37
76	Population data for Y-chromosome haplotypes defined by 17 STRs (AmpFISTR YFiler) in Portugal. <i>Forensic Science International</i> , 2007, 171, 250-255.	1.3	36
77	Genetic variability of 16 Y-chromosome STRs in a sample from Equatorial Guinea (Central Africa). <i>Forensic Science International</i> , 2005, 149, 109-113.	1.3	35
78	Human Microevolution and the Atlantic Slave Trade. <i>Current Anthropology</i> , 2008, 49, 134-143.	0.8	35
79	Comparative evaluation of alternative batteries of genetic markers to complement autosomal STRs in kinship investigations: autosomal indels vs. X-chromosome STRs. <i>International Journal of Legal Medicine</i> , 2012, 126, 917-921.	1.2	35
80	Population and segregation data on 17 Y-STRs: results of a GEP-ISFG collaborative study. <i>International Journal of Legal Medicine</i> , 2008, 122, 529-533.	1.2	34
81	A general method to assess the utility of the X-chromosomal markers in kinship testing. <i>Forensic Science International: Genetics</i> , 2012, 6, 198-207.	1.6	34
82	Epistatic interactions modulate the evolution of mammalian mitochondrial respiratory complex components. <i>BMC Genomics</i> , 2009, 10, 266.	1.2	33
83	Modifiers of (CAG) _n instability in Machado-Joseph disease (MJD/SCA3) transmissions: an association study with DNA replication, repair and recombination genes. <i>Human Genetics</i> , 2014, 133, 1311-1318.	1.8	33
84	Twenty Years Later: A Comprehensive Review of the X Chromosome Use in Forensic Genetics. <i>Frontiers in Genetics</i> , 2020, 11, 926.	1.1	33
85	Mitochondrial portraits of the Madeira and Azores archipelagos witness different genetic pools of its settlers. <i>Human Genetics</i> , 2003, 114, 77-86.	1.8	32
86	Genetic diversity of <i>Aspergillus fumigatus</i> in indoor hospital environments. <i>Medical Mycology</i> , 2010, 48, 832-838.	0.3	32
87	FKS2 Mutations Associated with Decreased Echinocandin Susceptibility of <i>Candida glabrata</i> following Anidulafungin Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1312-1314.	1.4	32
88	A multistep mutation mechanism drives the evolution of the CAG repeat at MJD/SCA3 locus. <i>European Journal of Human Genetics</i> , 2006, 14, 932-940.	1.4	31
89	Data for Y-chromosome haplotypes defined by 17 STRs (AmpFLSTR® Yfiler,®) in two Tunisian Berber communities. <i>Forensic Science International</i> , 2006, 160, 80-83.	1.3	31
90	Discussion on common data analysis strategies used in MS-based proteomics. <i>Proteomics</i> , 2011, 11, 604-619.	1.3	31

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91	Alternative primers for DYS391 typing: advantages of their application to forensic genetics. <i>Forensic Science International</i> , 2000, 112, 49-57.	1.3	30
92	Islands Inside an Island: Reproductive Isolates on Jerba Island. <i>American Journal of Human Biology</i> , 2006, 18, 149-153.	0.8	30
93	Characterizing partial AZFc deletions of the Y chromosome with amplicon-specific sequence markers. <i>BMC Genomics</i> , 2007, 8, 342.	1.2	30
94	Methylenetetrahydrofolate reductase and methionine synthase polymorphisms and risk of bladder cancer in a Tunisian population. <i>Cancer Genetics and Cytogenetics</i> , 2007, 176, 48-53.	1.0	30
95	SIR: Deterministic protein inference from peptides assigned to MS data. <i>Journal of Proteomics</i> , 2012, 75, 4176-4183.	1.2	30
96	The mitogenomic phylogeny of the Elasmobranchii (Chondrichthyes). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 867-878.	0.7	30
97	Human mtDNA haplogroups and reduced male fertility: real association or hidden population substructuring. <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 241-247.	3.6	29
98	Y chromosome microsatellite genetic variation in two Native American populations from Argentina: Population stratification and mutation data. <i>Forensic Science International: Genetics</i> , 2008, 2, 274-280.	1.6	29
99	Indel markers: Genetic diversity of 38 polymorphisms in Brazilian populations and application in a paternity investigation with post mortem material. <i>Forensic Science International: Genetics</i> , 2012, 6, 658-661.	1.6	29
100	Assessing paternities with inconclusive STR results: The suitability of bi-allelic markers. <i>Forensic Science International: Genetics</i> , 2013, 7, 16-21.	1.6	29
101	Specificity of mtDNA-directed PCR— influence of NUClear MTDNA insertion (NUMT) contamination in routine samples and techniques. <i>International Journal of Legal Medicine</i> , 2008, 122, 341-345.	1.2	28
102	Opening the DNA black box: demythologizing forensic genetics. <i>New Genetics and Society</i> , 2012, 31, 259-270.	0.7	28
103	Colombia's racial crucible: Y chromosome evidence from six admixed communities in the Department of Bolivar. <i>Annals of Human Biology</i> , 2014, 41, 453-459.	0.4	28
104	Forensic evaluation and population data on the new Y-STRs DYS434, DYS437, DYS438, DYS439 and GATA A10. <i>International Journal of Legal Medicine</i> , 2002, 116, 139-147.	1.2	27
105	Grouping of Y-STR haplotypes discloses European geographic clines. <i>Forensic Science International</i> , 2003, 134, 172-179.	1.3	27
106	Analysis of 10 X-STRs in three African populations. <i>Forensic Science International: Genetics</i> , 2007, 1, 208-211.	1.6	27
107	Sub-Saharan Africa descendents in Rio de Janeiro (Brazil): population and mutational data for 12 Y-STR loci. <i>International Journal of Legal Medicine</i> , 2007, 121, 238-241.	1.2	27
108	Molecular and structural analyses of maple syrup urine disease and identification of a founder mutation in a Portuguese Gypsy community. <i>Molecular Genetics and Metabolism</i> , 2008, 94, 148-156.	0.5	27

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109	A cautionary note on the evaluation of genetic evidence from uniparentally transmitted markers. <i>Forensic Science International: Genetics</i> , 2008, 2, 376-378.	1.6	27
110	International distribution and age estimation of the Portuguese BRCA2 c.156_157insAlu founder mutation. <i>Breast Cancer Research and Treatment</i> , 2011, 127, 671-679.	1.1	27
111	Failed PCR amplifications of MBP-STR alleles due to polymorphism in the primer annealing region. <i>International Journal of Legal Medicine</i> , 1996, 108, 313-315.	1.2	26
112	Y-chromosomal STR haplotypes in three ethnic groups and one cosmopolitan population from Tunisia. <i>Forensic Science International</i> , 2005, 152, 95-99.	1.3	26
113	Polymorphisms in one-carbon metabolism pathway genes and risk for bladder cancer in a Tunisian population. <i>Cancer Genetics and Cytogenetics</i> , 2009, 195, 43-53.	1.0	26
114	Testing for genetic structure in different urban Argentinian populations. <i>Forensic Science International</i> , 2007, 165, 35-40.	1.3	25
115	Assessing interethnic admixture using an X-linked insertion-deletion multiplex. <i>American Journal of Human Biology</i> , 2009, 21, 707-709.	0.8	25
116	Mutational Origin of Machado-Joseph Disease in the Australian Aboriginal Communities of Groote Eylandt and Yirrkala. <i>Archives of Neurology</i> , 2012, 69, 746-51.	4.9	25
117	MtDNA diversity among four Portuguese autochthonous dog breeds: a fine-scale characterisation. <i>BMC Genetics</i> , 2005, 6, 37.	2.7	24
118	Acting factors promoting the CAG intergenerational instability in Machado-Joseph disease. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 439-446.	1.1	24
119	Population data defined by 15 autosomal STR loci in Karamoja population (Uganda) using AmpF/STR Identifiler kit. <i>Forensic Science International: Genetics</i> , 2009, 3, e55-e58.	1.6	24
120	General Derivation of the Sets of Pedigrees with the Same Kinship Coefficients. <i>Human Heredity</i> , 2010, 70, 194-204.	0.4	24
121	Association between Y haplogroups and autosomal AIMs reveals intra-population substructure in Bolivian populations. <i>International Journal of Legal Medicine</i> , 2015, 129, 673-680.	1.2	24
122	Improving the in silico assessment of pathogenicity for compensated variants. <i>European Journal of Human Genetics</i> , 2017, 25, 2-7.	1.4	24
123	Pyruvate Kinase Deficiency in Sub-Saharan Africa: Identification of a Highly Frequent Missense Mutation (G829A;Glu277Lys) and Association with Malaria. <i>PLoS ONE</i> , 2012, 7, e47071.	1.1	24
124	Malaria: looking for selection signatures in the human PKLR gene region. <i>British Journal of Haematology</i> , 2010, 149, 775-784.	1.2	23
125	VKORC1 polymorphisms in Brazilians: comparison with the Portuguese and Portuguese-speaking Africans and pharmacogenetic implications. <i>Pharmacogenomics</i> , 2010, 11, 1257-1267.	0.6	23
126	Forensic analysis of dog (<i>Canis lupus familiaris</i>) mitochondrial DNA sequences: An inter-laboratory study of the GEP-ISFG working group. <i>Forensic Science International: Genetics</i> , 2009, 4, 49-54.	1.6	22

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127	Phylogeographic analysis of paternal lineages in NE Portuguese Jewish communities. <i>American Journal of Physical Anthropology</i> , 2010, 141, 373-381.	2.1	22
128	Virtual Expert Mass Spectrometrist: iTRAQ tool for database-independent search, quantitation and result storage. <i>Proteomics</i> , 2010, 10, 1545-1556.	1.3	22
129	Clustered transcripts that escape X inactivation at mouse XqD. <i>Mammalian Genome</i> , 2011, 22, 572-582.	1.0	22
130	Male lineages in South American native groups: Evidence of M19 traveling south. <i>American Journal of Physical Anthropology</i> , 2011, 146, 188-196.	2.1	22
131	Admixture and Genetic Diversity Distribution Patterns of Non-Recombining Lineages of Native American Ancestry in Colombian Populations. <i>PLoS ONE</i> , 2015, 10, e0120155.	1.1	22
132	The Karimojong from Uganda: Genetic characterization using an X-STR decaplex system. <i>Forensic Science International: Genetics</i> , 2009, 3, e127-e128.	1.6	21
133	A framework for the development of STR genotyping in domestic animal species: Characterization and population study of 12 canine X-chromosome loci. <i>Electrophoresis</i> , 2010, 31, 303-308.	1.3	21
134	Non-tuberculous mycobacteria in HIV-negative patients with pulmonary disease in Lisbon, Portugal. <i>Scandinavian Journal of Infectious Diseases</i> , 2010, 42, 626-628.	1.5	21
135	Allele frequencies for 15 autosomal STR markers in the Libyan population. <i>Annals of Human Biology</i> , 2012, 39, 80-83.	0.4	21
136	NAMPT and NAPRT1: novel polymorphisms and distribution of variants between normal tissues and tumor samples. <i>Scientific Reports</i> , 2014, 4, 6311.	1.6	21
137	Species assignment in forensics and the challenge of hybrids. <i>Forensic Science International: Genetics</i> , 2020, 48, 102333.	1.6	21
138	Usefulness of microchip electrophoresis for the analysis of mitochondrial DNA in forensic and ancient DNA studies. <i>Electrophoresis</i> , 2006, 27, 5101-5109.	1.3	20
139	Y chromosome STR haplotypes in the Caribbean city of Cartagena (Colombia). <i>Forensic Science International</i> , 2007, 167, 62-69.	1.3	20
140	Genetic profiles and sex identification of found-dead wolves determined by the use of an 11-loci PCR multiplex. <i>Forensic Science International: Genetics</i> , 2010, 4, 68-72.	1.6	20
141	On the Structural Plasticity of the Human Genome: Chromosomal Inversions Revisited. <i>Current Genomics</i> , 2012, 13, 623-632.	0.7	20
142	Diversity and specificity of microsatellites within <i>Aspergillus section Fumigati</i> . <i>BMC Microbiology</i> , 2012, 12, 154.	1.3	20
143	Tetra- and pentanucleotide short tandem repeat instability in gastric cancer. <i>Electrophoresis</i> , 1997, 18, 1633-1636.	1.3	19
144	Genetic profile characterization and segregation analysis of 10 X-STRs in a sample from Santander, Colombia. <i>International Journal of Legal Medicine</i> , 2008, 122, 347-351.	1.2	19

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145	A genetic historical sketch of European Gypsies: The perspective from autosomal markers. <i>American Journal of Physical Anthropology</i> , 2010, 141, 507-514.	2.1	19
146	Evaluating the X Chromosome-Specific Diversity of Colombian Populations Using Insertion/Deletion Polymorphisms. <i>PLoS ONE</i> , 2014, 9, e87202.	1.1	19
147	Species identification in forensic samples using the SPInDel approach: A GHEP-ISFG inter-laboratory collaborative exercise. <i>Forensic Science International: Genetics</i> , 2017, 28, 219-224.	1.6	19
148	Substructure of a Tunisian Berber Population as Inferred from 15 Autosomal Short Tandem Repeat Loci. <i>Human Biology</i> , 2008, 80, 435-448.	0.4	18
149	An assessment of the clonality of the components of canine mixed mammary tumours by mitochondrial DNA analysis. <i>Veterinary Journal</i> , 2009, 182, 269-274.	0.6	18
150	Incidence of maple syrup urine disease in Portugal. <i>Molecular Genetics and Metabolism</i> , 2010, 100, 385-387.	0.5	18
151	Evolutionary Constraints in the β -Globin Cluster: The Signature of Purifying Selection at the β -Globin (HBD) Locus and Its Role in Developmental Gene Regulation. <i>Genome Biology and Evolution</i> , 2013, 5, 559-571.	1.1	18
152	A novel Alu-mediated microdeletion at 11p13 removes WT1 in a patient with cryptorchidism and azoospermia. <i>Reproductive BioMedicine Online</i> , 2014, 29, 388-391.	1.1	18
153	Mosaic maternal ancestry in the Great Lakes region of East Africa. <i>Human Genetics</i> , 2015, 134, 1013-1027.	1.8	18
154	Major influence of repetitive elements on disease-associated copy number variants (CNVs). <i>Human Genomics</i> , 2016, 10, 30.	1.4	18
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