Peter de Knijff

List of Publications by Citations

194 papers	15,141 citations	64 h-index	119 g-index
208 ext. papers	17,182 ext. citations	8 avg, IF	6.23 L-index

#	Paper	IF	Citations
194	The Simons Genome Diversity Project: 300 genomes from 142 diverse populations. *Nature*, **2016**, 538, 201-206	50.4	759
193	The role of a common variant of the cholesteryl ester transfer protein gene in the progression of coronary atherosclerosis. The Regression Growth Evaluation Statin Study Group. *New England Journal of Medicine*, **1998**, 338, 86-93	59.2	555
192	Evaluation of Y-chromosomal STRs: a multicenter study. *International Journal of Legal Medicine*, **1997**, 110, 125-33, 141-9	3.1	552
191	An Aboriginal Australian genome reveals separate human dispersals into Asia. *Science*, **2011**, 334, 94-8	33.3	528
190	Whole-genome sequence variation, population structure and demographic history of the Dutch population. *Nature Genetics*, **2014**, 46, 818-25	36.3	514
189	Y-chromosomal diversity in Europe is clinal and influenced primarily by geography, rather than by language. *American Journal of Human Genetics*, **2000**, 67, 1526-43	11	471
188	Apolipoprotein E4 allele in a population-based study of early-onset Alzheimer's disease. *Nature Genetics*, **1994**, 7, 74-8	36.3	413
187	The role of selection in the evolution of human mitochondrial genomes. *Genetics*, **2006**, 172, 373-87	4	346
186	Improving human forensics through advances in genetics, genomics and molecular biology. *Nature Reviews Genetics*, **2011**, 12, 179-92	30.1	305
185	The Beaker phenomenon and the genomic transformation of northwest Europe. *Nature*, **2018**, 555, 190-196	38.1	293
184	Characteristics and frequency of germline mutations at microsatellite loci from the human Y chromosome, as revealed by direct observation in father/son pairs. *American Journal of Human Genetics*, **2000**, 66, 1580-8	11	293
183	Mutability of Y-chromosomal microsatellites: rates, characteristics, molecular bases, and forensic implications. *American Journal of Human Genetics*, **2010**, 87, 341-53	11	268
182	Polymorphisms in the coagulation factor VII gene and the risk of myocardial infarction. *New England Journal of Medicine*, **1998**, 338, 79-85	59.2	261
181	Ancestral Asian source(s) of new world Y-chromosome founder haplotypes. *American Journal of Human Genetics*, **1999**, 64, 817-31	11	237
180	Chromosome Y microsatellites: population genetic and evolutionary aspects. *International Journal of Legal Medicine*, **1997**, 110, 134-49	3.1	234
179	SDHAF2 mutations in familial and sporadic paraganglioma and phaeochromocytoma. *Lancet Oncology, The*, **2010**, 11, 366-72	21.7	227
178	Estimating Y chromosome specific microsatellite mutation frequencies using deep rooting pedigrees. *Human Molecular Genetics*, **1997**, 6, 799-803	5.6	218

177	The Genome of the Netherlands: design, and project goals. *European Journal of Human Genetics*, **2014**, 22, 221-7	5.3	184
176	Online reference database of European Y-chromosomal short tandem repeat (STR) haplotypes. *Forensic Science International*, **2001**, 118, 106-13	2.6	177
175	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. *Forensic Science International: Genetics*, **2014**, 12, 12-23	4.3	171
174	A new future of forensic Y-chromosome analysis: rapidly mutating Y-STRs for differentiating male relatives and paternal lineages. *Forensic Science International: Genetics*, **2012**, 6, 208-18	4.3	170
173	ApoE polymorphism and predisposition to coronary heart disease in youths of different European populations. The EARS Study. European Atherosclerosis Research Study. *Arteriosclerosis and Thrombosis: A Journal of Vascular Biology*, **1994**, 14, 1617-24		169
172	An extensive analysis of Y-chromosomal microsatellite haplotypes in globally dispersed human populations. *American Journal of Human Genetics*, **2001**, 68, 990-1018	11	167
171	Specific sequence variations within the 4q35 region are associated with facioscapulohumeral muscular dystrophy. *American Journal of Human Genetics*, **2007**, 81, 884-94	11	166
170	Familial aggregation in frontotemporal dementia. *Neurology*, **1998**, 50, 1541-5	6.5	166
169	Jefferson fathered slave's last child. *Nature*, **1998**, 396, 27-8	50.4	164
168	Signature of recent historical events in the European Y-chromosomal STR haplotype distribution. *Human Genetics*, **2005**, 116, 279-91	6.3	155
167	Heterogeneity at the CETP gene locus. Influence on plasma CETP concentrations and HDL cholesterol levels. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 560-8	9.4	155
166	Massively parallel sequencing of forensic STRs: Considerations of the DNA commission of the International Society for Forensic Genetics (ISFG) on minimal nomenclature requirements. *Forensic Science International: Genetics*, **2016**, 22, 54-63	4.3	148
165	Proportioning whole-genome single-nucleotide-polymorphism diversity for the identification of geographic population structure and genetic ancestry. *American Journal of Human Genetics*, **2006**, 78, 680-90	11	138
164	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. *Human Mutation*, **2014**, 35, 1021-32	4.7	130
163	DNA Commission of the International Society of Forensic Genetics: recommendations on forensic analysis using Y-chromosome STRs. *Forensic Science International*, **2001**, 124, 5-10	2.6	128
162	Analysis of molecular variance (AMOVA) of Y-chromosome-specific microsatellites in two closely related human populations. *Human Molecular Genetics*, **1996**, 5, 1029-33	5.6	126
161	Inferring continental ancestry of argentineans from Autosomal, Y-chromosomal and mitochondrial DNA. *Annals of Human Genetics*, **2010**, 74, 65-76	2.2	122
160	Forensic value of 14 novel STRs on the human Y chromosome. *Forensic Science International*, **2002**, 130, 97-111	2.6	122

159	Apolipoprotein E polymorphism in The Netherlands and its effect on plasma lipid and apolipoprotein levels. *Human Genetics*, **1988**, 80, 287-92	6.3	120
158	Apolipoprotein e4 allele and cognitive decline in elderly men. *BMJ: British Medical Journal*, **1994**, 309, 1202-6		116
157	The apolipoprotein E epsilon 2 allele is associated with an increased risk of early-onset Alzheimer's disease and a reduced survival. *Annals of Neurology*, **1995**, 37, 605-10	9.4	115
156	The herring gull complex is not a ring species. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 893-901	4.4	113
155	Developmental validation of the IrisPlex system: determination of blue and brown iris colour for forensic intelligence. *Forensic Science International: Genetics*, **2011**, 5, 464-71	4.3	112
154	The Y-chromosome tree bursts into leaf: 13,000 high-confidence SNPs covering the majority of known clades. *Molecular Biology and Evolution*, **2015**, 32, 661-73	8.3	111
153	Genetic heterogeneity of apolipoprotein E and its influence on plasma lipid and lipoprotein levels. *Human Mutation*, **1994**, 4, 178-94	4.7	111
152	Developmental validation of the HIrisPlex system: DNA-based eye and hair colour prediction for forensic and anthropological usage. *Forensic Science International: Genetics*, **2014**, 9, 150-61	4.3	110
151	Population structure, migration, and diversifying selection in the Netherlands. *European Journal of Human Genetics*, **2013**, 21, 1277-85	5.3	107
150	Mannose binding lectin gene polymorphisms confer a major risk for severe infections after liver transplantation. *Gastroenterology*, **2005**, 129, 408-14	13.3	107
149	The HIrisPlex-S system for eye, hair and skin colour prediction from DNA: Introduction and forensic developmental validation. *Forensic Science International: Genetics*, **2018**, 35, 123-135	4.3	106
148	A new method for the evaluation of matches in non-recombining genomes: application to Y-chromosomal short tandem repeat (STR) haplotypes in European males. *Forensic Science International*, **2000**, 114, 31-43	2.6	105
147	DNA commission of the International Society of Forensic Genetics: recommendations on forensic analysis using Y-chromosome STRs. *International Journal of Legal Medicine*, **2001**, 114, 305-9	3.1	104
146	Structural variation on the short arm of the human Y chromosome: recurrent multigene deletions encompassing Amelogenin Y. *Human Molecular Genetics*, **2007**, 16, 307-16	5.6	102
145	Y-chromosomal variation in sub-Saharan Africa: insights into the history of Niger-Congo groups. *Molecular Biology and Evolution*, **2011**, 28, 1255-69	8.3	96
144	Massively parallel sequencing of short tandem repeats-Population data and mixture analysis results for the PowerSeq□ystem. *Forensic Science International: Genetics*, **2016**, 24, 86-96	4.3	95
143	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. *Journal of the American College of Cardiology*, **2013**, 62, 1966-1976	15.1	91
142	A worldwide survey of human male demographic history based on Y-SNP and Y-STR data from the HGDP-CEPH populations. *Molecular Biology and Evolution*, **2010**, 27, 385-93	8.3	86

141	High resolution Y chromosome typing: 19 STRs amplified in three multiplex reactions. *Forensic Science International*, **2002**, 125, 42-51	2.6	86
140	Tissue plasminogen activator and risk of myocardial infarction. The Rotterdam Study. *Circulation*, **1997**, 95, 2623-7	16.7	80
139	Comparing six commercial autosomal STR kits in a large Dutch population sample. *Forensic Science International: Genetics*, **2014**, 10, 55-63	4.3	79
138	Worldwide population analysis of the 4q and 10q subtelomeres identifies only four discrete interchromosomal sequence transfers in human evolution. *American Journal of Human Genetics*, **2010**, 86, 364-77	11	77
137	Improving global and regional resolution of male lineage differentiation by simple single-copy Y-chromosomal short tandem repeat polymorphisms. *Forensic Science International: Genetics*, **2009**, 3, 205-13	4.3	75
136	Evaluating self-declared ancestry of U.S. Americans with autosomal, Y-chromosomal and mitochondrial DNA. *Human Mutation*, **2010**, 31, E1875-93	4.7	74
135	Genetic differentiation and phylogeography of gulls in the Larus cachinnans-fuscus group (Aves: Charadriiformes). *Molecular Ecology*, **2001**, 10, 2447-62	5.7	73
134	Heteroplasmy levels of a mitochondrial gene mutation associated with diabetes mellitus decrease in leucocyte DNA upon aging. *Human Mutation*, **1996**, 7, 193-7	4.7	72
133	Variants in the sulphonylurea receptor gene: association of the exon 16-3t variant with Type II diabetes mellitus in Dutch Caucasians. *Diabetologia*, **1999**, 42, 617-20	10.3	70
132	Phenotype frequencies of autosomal minor histocompatibility antigens display significant differences among populations. *PLoS Genetics*, **2007**, 3, e103	6	64
131	The lipoprotein lipase (Asn291-->Ser) mutation is associated with elevated lipid levels in families with familial combined hyperlipidaemia. *Atherosclerosis*, **1996**, 119, 159-67	3.1	63
130	Lipoprotein profile of a Greenland Inuit population. Influence of anthropometric variables, Apo E and A4 polymorphism, and lifestyle. *Arteriosclerosis and Thrombosis: A Journal of Vascular Biology*, **1992**, 12, 1371-9		63
129	Apolipoprotein E gene and sporadic frontal lobe dementia. *Neurology*, **1997**, 48, 1526-9	6.5	62
128	STR analysis of artificially degraded DNA-results of a collaborative European exercise. *Forensic Science International*, **2004**, 139, 123-34	2.6	60
127	Genetic polymorphisms of the renin-angiotensin system and complications of insulin-dependent diabetes mellitus. *Nephrology Dialysis Transplantation*, **2000**, 15, 1000-7	4.3	59
126	Tri-allelic SNP markers enable analysis of mixed and degraded DNA samples. *Forensic Science International: Genetics*, **2009**, 3, 233-41	4.3	58
125	Serum apolipoprotein E level is not increased in Alzheimer's disease: the Rotterdam study. *Neuroscience Letters*, **1998**, 248, 21-4	3.3	57
124	Large-scale recent expansion of European patrilineages shown by population resequencing. *Nature Communications*, **2015**, 6, 7152	17.4	56

123	Applications of microsatellite-based Y chromosome haplotyping. *Electrophoresis*, **1997**, 18, 1602-7	3.6	56
122	Patterns of inter- and intra-group genetic diversity in the Vlax Roma as revealed by Y chromosome and mitochondrial DNA lineages. *European Journal of Human Genetics*, **2001**, 9, 97-104	5.3	56
121	Inferring human population sizes, divergence times and rates of gene flow from mitochondrial, X and Y chromosome resequencing data. *Genetics*, **2007**, 177, 2195-207	4	54
120	Factor VII polymorphisms in populations with different risks of cardiovascular disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1997**, 17, 1918-23	9.4	52
119	Dynamic nature of the proximal AZFc region of the human Y chromosome: multiple independent deletion and duplication events revealed by microsatellite analysis. *Human Mutation*, **2008**, 29, 1171-80	4.7	52
118	Variations in predicted risks in personal genome testing for common complex diseases. *Genetics in Medicine*, **2014**, 16, 85-91	8.1	51
117	Apolipoprotein E genotype and association between smoking and early onset Alzheimer's disease. *BMJ: British Medical Journal*, **1995**, 310, 627-31		51
116	The contribution of DNA metabarcoding to fungal conservation: diversity assessment, habitat partitioning and mapping red-listed fungi in protected coastal Salix repens communities in the Netherlands. *PLoS ONE*, **2014**, 9, e99852	3.7	50
115	FDSTools: A software package for analysis of massively parallel sequencing data with the ability to recognise and correct STR stutter and other PCR or sequencing noise. *Forensic Science International: Genetics*, **2017**, 27, 27-40	4.3	49
114	Transmission of human mtDNA heteroplasmy in the Genome of the Netherlands families: support for a variable-size bottleneck. *Genome Research*, **2016**, 26, 417-26	9.7	48
113	Genetic affinities within the herring gull Larus argentatus assemblage revealed by AFLP genotyping. *Journal of Molecular Evolution*, **2001**, 52, 85-93	3.1	45
112	Diversity of 26-locus Y-STR haplotypes in a Nepalese population sample: isolation and drift in the Himalayas. *Forensic Science International*, **2007**, 166, 176-81	2.6	44
111	Y chromosomal polymorphisms reveal founding lineages in the Finns and the Saami. *European Journal of Human Genetics*, **1999**, 7, 447-58	5.3	43
110	Apolipoprotein E as a risk factor for coronary heart disease: a genetic and molecular biology approach. *Current Opinion in Lipidology*, **1996**, 7, 59-63	4.4	42
109	Genetic analysis of sex and generation differences in plasma lipid, lipoprotein, and apolipoprotein levels in adolescent twins and their parents. *Genetic Epidemiology*, **1996**, 13, 49-60	2.6	42
108	Combining results of forensic STR kits: HDplex validation including allelic association and linkage testing with NGM and Identifiler loci. *International Journal of Legal Medicine*, **2012**, 126, 781-9	3.1	41
107	Estimation of multilocus haplotype effects using weighted penalised log-likelihood: analysis of five sequence variations at the cholesteryl ester transfer protein gene locus. *Annals of Human Genetics*, **2003**, 67, 175-84	2.2	41
106	De novo transcriptome of Ischnura elegans provides insights into sensory biology, colour and vision genes. *BMC Genomics*, **2014**, 15, 808	4.5	40

105	Developing a set of ancestry-sensitive DNA markers reflecting continental origins of humans. *BMC Genetics*, **2009**, 10, 69	2.6	40
104	Elevated levels of mannose-binding lectin at clinical manifestation of type 1 diabetes in juveniles. *Diabetes*, **2005**, 54, 3002-6	0.9	40
103	Genetic polymorphism of apolipoprotein A-IV in five different regions of Europe. Relations to plasma lipoproteins and to history of myocardial infarction: the EARS study. European Atherosclerosis Research Study. *Atherosclerosis*, **1994**, 107, 229-38	3.1	40
102	Evaluation of haplotype discrimination capacity of 35 Y-chromosomal short tandem repeat loci. *Forensic Science International*, **2008**, 174, 182-8	2.6	38
101	Effect of APOE ε4 allele on survival and fertility in an adverse environment. *PLoS ONE*, **2017**, 12, e0179497	3.7	37
100	Y-chromosome-specific microsatellite mutation rates re-examined using a minisatellite, MSY1. *Human Molecular Genetics*, **1999**, 8, 2117-20	5.6	37
99	TNFa microsatellite polymorphism modulates the risk of IDDM in Caucasians with the high-risk genotype HLA DQA1*0501-DQB1*0201/DQA1*0301-DQB1*0302. Belgian Diabetes Registry. *Diabetes*, **1997**, 46, 1514-5	0.9	36
98	TSSV: a tool for characterization of complex allelic variants in pure and mixed genomes. *Bioinformatics*, **2014**, 30, 1651-9	7.2	35
97	Assessment of the stochastic threshold, back- and forward stutter filters and low template techniques for NGM. *Forensic Science International: Genetics*, **2012**, 6, 708-15	4.3	35
96	Polymorphism at the tetranucleotide repeat locus DYS389 in 10 populations reveals strong geographic clustering. *European Journal of Human Genetics*, **1998**, 6, 583-8	5.3	35
95	A sensitive method to extract DNA from biological traces present on ammunition for the purpose of genetic profiling. *International Journal of Legal Medicine*, **2011**, 125, 597-602	3.1	34
94	Recent radiation within Y-chromosomal haplogroup R-M269 resulted in high Y-STR haplotype resemblance. *Annals of Human Genetics*, **2014**, 78, 92-103	2.2	32
93	A new phylogeny of swiftlets (Aves: Apodidae) based on cytochrome-b DNA. *Molecular Phylogenetics and Evolution*, **2003**, 29, 86-93	4.1	32
92	26-Locus Y-STR typing in a Bhutanese population sample. *Forensic Science International*, **2006**, 161, 1-7	2.6	31
91	From next generation sequencing to now generation sequencing in forensics. *Forensic Science International: Genetics*, **2019**, 38, 175-180	4.3	31
90	Transposon proliferation in an asexual parasitoid. *Molecular Ecology*, **2012**, 21, 3898-906	5.7	30
89	A polymorphic L1 retroposon insertion in the centromere of the human Y chromosome. *Human Molecular Genetics*, **2000**, 9, 421-30	5.6	30
88	Wide distribution and altitude correlation of an archaic high-altitude-adaptive EPAS1 haplotype in the Himalayas. *Human Genetics*, **2016**, 135, 393-402	6.3	28

87	Genome-wide analysis of macrosatellite repeat copy number variation in worldwide populations: evidence for differences and commonalities in size distributions and size restrictions. *BMC Genomics*, **2013**, 14, 143	4.5	28
86	Clonal genetic variation in a Wolbachia-infected asexual wasp: horizontal transmission or historical sex?. *Molecular Ecology*, **2011**, 20, 3644-52	5.7	28
85	Severe hyperlipidemia in apolipoprotein E2 homozygotes due to a combined effect of hyperinsulinemia and an SstI polymorphism. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1999**, 19, 2722-9	9.4	28
84	Genomic complexity of the Y-STR DYS19: inversions, deletions and founder lineages carrying duplications. *International Journal of Legal Medicine*, **2009**, 123, 15-23	3.1	26
83	Introgressive hybridization and the evolutionary history of the herring gull complex revealed by mitochondrial and nuclear DNA. *BMC Evolutionary Biology*, **2010**, 10, 348	3	26
82	Allele frequency distribution for 21 autosomal STR loci in Nepal. *Forensic Science International*, **2007** , 168, 227-31	2.6	26
81	ApoE polymorphism accounts for only part of the genetic variation in quantitative ApoE levels. *Genetic Epidemiology*, **2000**, 18, 331-40	2.6	26
80	Relationship between apolipoprotein E and low density lipoprotein particle size. *Atherosclerosis*, **1993**, 102, 147-54	3.1	26
79	Gender-related association between beta-fibrinogen genotype and plasma fibrinogen levels and linkage disequilibrium at the fibrinogen locus in Greenland Inuit. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1995**, 15, 856-60	9.4	26
78	Demographic History and Genetic Adaptation in the Himalayan Region Inferred from Genome-Wide SNP Genotypes of 49 Populations. *Molecular Biology and Evolution*, **2018**, 35, 1916-1933	8.3	26
77	Short hypervariable microhaplotypes: A novel set of very short high discriminating power loci without stutter artefacts. *Forensic Science International: Genetics*, **2018**, 35, 169-175	4.3	26
76	Analysis of 36 Y-STR marker units including a concordance study among 2085 Dutch males. *Forensic Science International: Genetics*, **2015**, 14, 174-81	4.3	25
75	Allele frequency distribution for 21 autosomal STR loci in Bhutan. *Forensic Science International*, **2007**, 170, 68-72	2.6	25
74	Detection of three single nucleotide polymorphisms in the gene encoding mannose-binding lectin in a single pyrosequencing reaction. *Journal of Immunological Methods*, **2006**, 309, 108-14	2.5	25
73	Evidence for a QTL on chromosome 19 influencing LDL cholesterol levels in the general population. *European Journal of Human Genetics*, **2003**, 11, 845-50	5.3	25
72	Apolipoprotein E genotype does not affect the age of onset of dementia in families with defined tau mutations. *Neuroscience Letters*, **1999**, 260, 193-5	3.3	25
71	Apolipoprotein-E polymorphism and response to pravastatin in men with coronary artery disease (REGRESS). *Acta Cardiologica*, **2006**, 61, 327-31	0.9	24
70	Analysis of coprolites from the extinct mountain goat Myotragus balearicus. *Quaternary Research*, **2014**, 81, 106-116	1.9	23

69	Developmental validation of mitochondrial DNA genotyping assays for adept matrilineal inference of biogeographic ancestry at a continental level. *Forensic Science International: Genetics*, **2014**, 11, 39-51	4.3	22
68	Gene conversion violates the stepwise mutation model for microsatellites in y-chromosomal palindromic repeats. *Human Mutation*, **2014**, 35, 609-17	4.7	22
67	IVS10-6T>G, an ancient ATM germline mutation linked with breast cancer. *Human Mutation*, **2003**, 21, 521-8	4.7	22
66	Comprehensive diagnostics of acute myeloid leukemia by whole transcriptome RNA sequencing. *Leukemia*, **2021**, 35, 47-61	10.7	22
65	Geographical affinities of the HapMap samples. *PLoS ONE*, **2009**, 4, e4684	3.7	21
64	Determining the quality and complexity of next-generation sequencing data without a reference genome. *Genome Biology*, **2014**, 15, 555	18.3	19
63	Decay of Sexual Trait Genes in an Asexual Parasitoid Wasp. *Genome Biology and Evolution*, **2016**, 8, 3685-3695	3.9	19
62	A SNP panel for identification of DNA and RNA specimens. *BMC Genomics*, **2018**, 19, 90	4.5	17
61	Apolipoprotein E phenotype and blood pressure. *Lancet, The*, **1994**, 343, 1234-5	40	17
60	Genetic heterogeneity in regional populations of Quebec--parental lineages in the Gaspe Peninsula. *American Journal of Physical Anthropology*, **2009**, 139, 512-22	2.5	16
59	Alu-repeat polymorphism in the tissue-type plasminogen activator (t-PA) gene, t-PA levels and risk of familial myocardial infarction (MI). *Fibrinolysis*, **1996**, 10, 13-16		16
58	Variable expression of familial dysbetalipoproteinemia in apolipoprotein E*2 (Lys146-->Gln) Allele carriers. *Journal of Clinical Investigation*, **1994**, 94, 1252-62	15.9	16
57	High-quality mtDNA control region sequences from 680 individuals sampled across the Netherlands to establish a national forensic mtDNA reference database. *Forensic Science International: Genetics*, **2016**, 21, 158-67	4.3	15
56	Clinal distribution of human genomic diversity across the Netherlands despite archaeological evidence for genetic discontinuities in Dutch population history. *Investigative Genetics*, **2013**, 4, 9		15
55	The effect of the apolipoprotein E phenotype on plasma lipids is not influenced by environmental variability: results of a Dutch twin study. *Human Genetics*, **1993**, 91, 268-72	6.3	15
54	Forensic Y-SNP analysis beyond SNaPshot: High-resolution Y-chromosomal haplogrouping from low quality and quantity DNA using Ion AmpliSeq and targeted massively parallel sequencing. *Forensic Science International: Genetics*, **2019**, 41, 93-106	4.3	14
53	Using a roster and haplotyping is useful in risk assessment for persons with intermediate and reduced penetrance alleles in Huntington disease. *American Journal of Medical Genetics Part A*, **2001**, 105, 737-44		14
52	Triglyceride-rich lipoproteins of subjects heterozygous for apolipoprotein E2(Lys146-->Gln) are inefficiently converted to cholesterol-rich lipoproteins. *Atherosclerosis*, **1994**, 108, 183-92	3.1	14

51	A genome-wide association study identifies a region at chromosome 12 as a potential susceptibility locus for restenosis after percutaneous coronary intervention. *Human Molecular Genetics*, **2011**, 20, 4748-57	5.6	13
50	Epigenetic regulation of the X-chromosomal macrosatellite repeat encoding for the cancer/testis gene CT47. *European Journal of Human Genetics*, **2012**, 20, 185-91	5.3	13
49	Genetics and behavioral medicine: risk factors for cardiovascular disease. *Behavioral Medicine*, **1997**, 22, 141-9	4.4	13
48	Patterns in nuclear and mitochondrial DNA reveal historical and recent isolation in the Black-tailed Godwit (Limosa limosa). *PLoS ONE*, **2014**, 9, e83949	3.7	13
47	A linguistically informed autosomal STR survey of human populations residing in the greater Himalayan region. *PLoS ONE*, **2014**, 9, e91534	3.7	13
46	Dissecting the genetic make-up of North-East Sardinia using a large set of haploid and autosomal markers. *European Journal of Human Genetics*, **2012**, 20, 956-64	5.3	12
45	The influence of clan structure on the genetic variation in a single Ghanaian village. *European Journal of Human Genetics*, **2013**, 21, 1134-9	5.3	12
44	Analysis of forensically used autosomal short tandem repeat markers in Polish and neighboring populations. *Forensic Science International: Genetics*, **2008**, 2, 205-11	4.3	12
43	A powerful and rapid approach to human genome scanning using small quantities of genomic DNA. *Genetical Research*, **2001**, 77, 129-34	1.1	11
42	Reply: The Thomas Jefferson paternity case. *Nature*, **1999**, 397, 32-32	50.4	11
41	Indian Ocean crossroads: human genetic origin and population structure in the Maldives. *American Journal of Physical Anthropology*, **2013**, 151, 58-67	2.5	10
40	Combined association and linkage analysis applied to the APOE locus. *Genetic Epidemiology*, **2004**, 26, 328-37	2.6	10
39	Large-scale migration into Britain during the Middle to Late Bronze Age.. *Nature*, **2021**,	50.4	10
38	Mosaic segmental uniparental isodisomy and progressive clonal selection: a common mechanism of late onset Ethalassemia major. *Haematologica*, **2013**, 98, 691-5	6.6	9
37	A genome wide association analysis in the GENDER study. *Netherlands Heart Journal*, **2009**, 17, 262-4	2.2	9
36	Selective co-evolution of the D6STNFa microsatellite region with HLA class I and II loci. *Tissue Antigens*, **1998**, 52, 213-9		9
35	Genetics. How carrion and hooded crows defeat Linnaeus's curse. *Science*, **2014**, 344, 1345-6	33.3	8
34	Taxonomic classification and abundance estimation using 16S and WGS-A comparison using controlled reference samples. *Forensic Science International: Genetics*, **2020**, 46, 102257	4.3	7

33	Quality assessment of the genetic test for familial hypercholesterolemia in the Netherlands. *Cholesterol*, **2013**, 2013, 531658		7
32	Allele frequency distribution of 21 forensic autosomal STRs in 7 populations from Yunnan, China. *Forensic Science International: Genetics*, **2008**, 3, e11-2	4.3	7
31	Role of APOE in dementia: A critical reappraisal. *Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research*, **1998**, 28, 195-201		7
30	Ten millennia of hepatitis B virus evolution. *Science*, **2021**, 374, 182-188	33.3	7
29	Forensic nomenclature for short tandem repeats updated for sequencing. *Forensic Science International: Genetics Supplement Series*, **2015**, 5, e542-e544	0.5	6
28	Apolipoprotein E genotype and concomitant clinical features in early-onset Alzheimer's disease. *Journal of Neurology*, **1996**, 243, 465-8	5.5	6
27	The Herring Gull Complex (Larus argentatus - fuscus - cachinnans) as a Model Group for Recent Holarctic Vertebrate Radiations **2010**, 351-371		6
26	The Dutch Y-chromosomal landscape. *European Journal of Human Genetics*, **2020**, 28, 287-299	5.3	6
25	Improved analysis of long STR amplicons from degraded single source and mixed DNA. *International Journal of Legal Medicine*, **2013**, 127, 741-7	3.1	5
24	Ancestral stories of Ghanaian Bimoba reflect millennia-old genetic lineages. *PLoS ONE*, **2013**, 8, e65690	3.7	5
23	Analysis of Molecular Variance (AMOVA) of Y--Chromosome--Specific Microsatellites in Two Closely Related Human Populations. *Human Molecular Genetics*, **1997**, 6, 828-828	5.6	4
22	Biallelic loss-of-function variants in PLD1 cause congenital right-sided cardiac valve defects and neonatal cardiomyopathy. *Journal of Clinical Investigation*, **2021**, 131,	15.9	4
21	Diagnostics of short tandem repeat expansion variants using massively parallel sequencing and componential tools. *European Journal of Human Genetics*, **2019**, 27, 400-407	5.3	4
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