

Antti Sajantila

List of Publications by Citations

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171
papers

9,557
citations

45
h-index

95
g-index

173
ext. papers

11,522
ext. citations

6.5
avg, IF

5.33
L-index

#	Paper	IF	Citations
171	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014 , 507, 462-70	50.4	1301
170	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014 , 513, 409-13	50.4	812
169	The Simons Genome Diversity Project: 300 genomes from 142 diverse populations. <i>Nature</i> , 2016 , 538, 201-206	50.4	759
168	Correlation between genetic and geographic structure in Europe. <i>Current Biology</i> , 2008 , 18, 1241-8	6.3	382
167	Evidence for variable selective pressures at MC1R. <i>American Journal of Human Genetics</i> , 2000 , 66, 1351-61	11	314
166	Characteristics and frequency of germline mutations at microsatellite loci from the human Y chromosome, as revealed by direct observation in father/son pairs. <i>American Journal of Human Genetics</i> , 2000 , 66, 1580-8	11	293
165	CYP2D6 worldwide genetic variation shows high frequency of altered activity variants and no continental structure. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 93-101	1.9	287
164	Global diversity, population stratification, and selection of human copy-number variation. <i>Science</i> , 2015 , 349, aab3761	33.3	224
163	A comprehensive survey of human Y-chromosomal microsatellites. <i>American Journal of Human Genetics</i> , 2004 , 74, 1183-97	11	174
162	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014 , 12, 12-23	4.3	171
161	Mitochondrial DNA Replication Defects Disturb Cellular dNTP Pools and Remodel One-Carbon Metabolism. <i>Cell Metabolism</i> , 2016 , 23, 635-48	24.6	160
160	mtDNA analysis of Nile River Valley populations: A genetic corridor or a barrier to migration?. <i>American Journal of Human Genetics</i> , 1999 , 64, 1166-76	11	156
159	Minisatellite diversity supports a recent African origin for modern humans. <i>Nature Genetics</i> , 1996 , 13, 154-60	36.3	146
158	High-quality and high-throughput massively parallel sequencing of the human mitochondrial genome using the Illumina MiSeq. <i>Forensic Science International: Genetics</i> , 2014 , 12, 128-35	4.3	139
157	The population history of northeastern Siberia since the Pleistocene. <i>Nature</i> , 2019 , 570, 182-188	50.4	137
156	Pharmacogenetic variation at CYP2C9, CYP2C19, and CYP2D6 at global and microgeographic scales. <i>Pharmacogenetics and Genomics</i> , 2009 , 19, 170-9	1.9	134
155	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. <i>Human Mutation</i> , 2014 , 35, 1021-32	4.7	130

154	Infantile-onset spinocerebellar ataxia and mitochondrial recessive ataxia syndrome are associated with neuronal complex I defect and mtDNA depletion. <i>Human Molecular Genetics</i> , 2008 , 17, 3822-35	5.6	118
153	17 Century Variola Virus Reveals the Recent History of Smallpox. <i>Current Biology</i> , 2016 , 26, 3407-3412	6.3	118
152	Alu insertion polymorphisms in NW Africa and the Iberian Peninsula: evidence for a strong genetic boundary through the Gibraltar Straits. <i>Human Genetics</i> , 2000 , 107, 312-9	6.3	115
151	The Y-chromosome tree bursts into leaf: 13,000 high-confidence SNPs covering the majority of known clades. <i>Molecular Biology and Evolution</i> , 2015 , 32, 661-73	8.3	111
150	Evidence of still-ongoing convergence evolution of the lactase persistence T-13910 alleles in humans. <i>American Journal of Human Genetics</i> , 2007 , 81, 615-25	11	109
149	Deciphering the ancient and complex evolutionary history of human arylamine N-acetyltransferase genes. <i>American Journal of Human Genetics</i> , 2006 , 78, 423-36	11	100
148	Mutations at Y-STR loci: implications for paternity testing and forensic analysis. <i>Forensic Science International</i> , 2001 , 118, 116-21	2.6	96
147	Neuropathologic features of four autopsied COVID-19 patients. <i>Brain Pathology</i> , 2020 , 30, 1012-1016	6	93
146	Crossover clustering and rapid decay of linkage disequilibrium in the Xp/Yp pseudoautosomal gene SHOX. <i>Nature Genetics</i> , 2002 , 31, 272-5	36.3	92
145	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88
144	The genetical archaeology of the human genome. <i>Nature Genetics</i> , 1996 , 14, 135-40	36.3	88
143	Recombination hotspots rather than population history dominate linkage disequilibrium in the MHC class II region. <i>Human Molecular Genetics</i> , 2003 , 12, 33-40	5.6	85
142	Mast cells in neovascularized human coronary plaques store and secrete basic fibroblast growth factor, a potent angiogenic mediator. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1880-5 ^{9.4}		77
141	Post-mortem SNP analysis of CYP2D6 gene reveals correlation between genotype and opioid drug (tramadol) metabolite ratios in blood. <i>Forensic Science International</i> , 2003 , 135, 9-15	2.6	77
140	CYP2D6 genotyping by a multiplex primer extension reaction. <i>Clinical Chemistry</i> , 2005 , 51, 1291-5	5.5	72
139	Unintentional drowning in Finland 1970-2000: a population-based study. <i>International Journal of Epidemiology</i> , 2004 , 33, 1053-63	7.8	67
138	High sensitivity multiplex short tandem repeat loci analyses with massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2015 , 16, 38-47	4.3	59
137	Circumstances and macropathologic findings in 1590 consecutive cases of bodies found in water. <i>American Journal of Forensic Medicine and Pathology</i> , 2002 , 23, 371-6	1	57

136	Large-scale recent expansion of European patrilineages shown by population resequencing. <i>Nature Communications</i> , 2015 , 6, 7152	17.4	56
135	Experimentally observed germline mutations at human micro- and minisatellite loci. <i>European Journal of Human Genetics</i> , 1999 , 7, 263-6	5.3	52
134	What is the incidence and significance of "dry-lungs" in bodies found in water?. <i>American Journal of Forensic Medicine and Pathology</i> , 2004 , 25, 291-301	1	51
133	Y-chromosomal SNPs in Finno-Ugric-speaking populations analyzed by minisequencing on microarrays. <i>Genome Research</i> , 2001 , 11, 471-82	9.7	51
132	Expansion of Microbial Forensics. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1964-74	9.7	49
131	A fatal doxepin poisoning associated with a defective CYP2D6 genotype. <i>American Journal of Forensic Medicine and Pathology</i> , 2007 , 28, 259-61	1	47
130	Validation of high throughput sequencing and microbial forensics applications. <i>Investigative Genetics</i> , 2014 , 5, 9		46
129	Genetic markers and population history: Finland revisited. <i>European Journal of Human Genetics</i> , 2009 , 17, 1336-46	5.3	46
128	Golli-MBP gene in multiple sclerosis susceptibility. <i>Journal of Neuroimmunology</i> , 1998 , 81, 158-67	3.5	46
127	Homozygosity for a HERG potassium channel mutation causes a severe form of long QT syndrome: identification of an apparent founder mutation in the Finns. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 1919-25	15.1	45
126	Molecular diversity at the CYP2D6 locus in the Mediterranean region. <i>European Journal of Human Genetics</i> , 2004 , 12, 916-24	5.3	43
125	Y chromosomal polymorphisms reveal founding lineages in the Finns and the Saami. <i>European Journal of Human Genetics</i> , 1999 , 7, 447-58	5.3	43
124	Ancient Fennoscandian genomes reveal origin and spread of Siberian ancestry in Europe. <i>Nature Communications</i> , 2018 , 9, 5018	17.4	43
123	CYP2D6 and CYP2C19 genotypes and amitriptyline metabolite ratios in a series of medicolegal autopsies. <i>Forensic Science International</i> , 2006 , 158, 177-83	2.6	41
122	Northwest Siberian Khanty and Mansi in the junction of West and East Eurasian gene pools as revealed by uniparental markers. <i>European Journal of Human Genetics</i> , 2008 , 16, 1254-64	5.3	38
121	Repatriation and identification of the Finnish World War II soldiers. <i>Croatian Medical Journal</i> , 2007 , 48, 528-35	1.6	37
120	Discrimination power of Investigator DIPplex loci in Finnish and Somali populations. <i>Forensic Science International: Genetics</i> , 2012 , 6, e99-102	4.3	36
119	False-positive diatom test: a real challenge? A post-mortem study using standardized protocols. <i>Legal Medicine</i> , 2013 , 15, 229-34	1.9	36

118	Underlying Data for Sequencing the Mitochondrial Genome with the Massively Parallel Sequencing Platform Ion Torrent [®] PGM [™] <i>BMC Genomics</i> , 2015 , 16 Suppl 1, S4	4.5	32
117	DNA copy number aberrations in intestinal-type gastric cancer revealed by array-based comparative genomic hybridization. <i>Cancer Genetics and Cytogenetics</i> , 2006 , 167, 150-4		32
116	Differences in genomic instability between intestinal- and diffuse-type gastric cancer. <i>Gastric Cancer</i> , 2005 , 8, 238-44	7.6	32
115	DNA quality and quantity from up to 16 years old post-mortem blood stored on FTA cards. <i>Forensic Science International</i> , 2016 , 261, 148-53	2.6	31
114	European recommendations integrating genetic testing into multidisciplinary management of sudden cardiac death. <i>European Journal of Human Genetics</i> , 2019 , 27, 1763-1773	5.3	31
113	Analysis of 9p24 and 11p12-13 regions in autism spectrum disorders: rs1340513 in the JMJD2C gene is associated with ASDs in Finnish sample. <i>Psychiatric Genetics</i> , 2010 , 20, 102-8	2.9	31
112	Language replacement in Scandinavia. <i>Nature Genetics</i> , 1995 , 11, 359-60	36.3	30
111	A microsatellite polymorphism in the von Willebrand factor gene: comparison of allele frequencies in different population samples and evaluation for forensic medicine. <i>Forensic Science International</i> , 1994 , 68, 91-102	2.6	30
110	Pulseless electrical activity and unsuccessful out-of-hospital resuscitation: what is the cause of death?. <i>Resuscitation</i> , 2008 , 77, 207-10	4	29
109	Undetermined drowning. <i>Medicine, Science and the Law</i> , 2003 , 43, 207-14	1.1	29
108	Characterisation of bronchus-associated lymphoid tissue and antigen-presenting cells in central airway mucosa of children. <i>Thorax</i> , 2011 , 66, 151-6	7.3	27
107	Use of post-mortem computed tomography in Disaster Victim Identification. Positional statement of the members of the Disaster Victim Identification working group of the International Society of Forensic Radiology and Imaging; May 2014. <i>Journal of Forensic Radiology and Imaging</i> , 2014 , 2, 114-116	1.3	26
106	Adverse interaction of warfarin and paracetamol: evidence from a post-mortem study. <i>European Journal of Clinical Pharmacology</i> , 2010 , 66, 97-103	2.8	26
105	Screening of BCS1L mutations in severe neonatal disorders suspicious for mitochondrial cause. <i>Journal of Human Genetics</i> , 2008 , 53, 554-558	4.3	26
104	Forensic osteological investigations in Kosovo. <i>Forensic Science International</i> , 2001 , 121, 166-73	2.6	26
103	Post-mortem ABCB1 genotyping reveals an elevated toxicity for female digoxin users. <i>International Journal of Legal Medicine</i> , 2011 , 125, 265-9	3.1	25
102	Age assessment by the Greulich and Pyle method compared to other skeletal X-ray and dental methods in data from Finnish child victims of the Southeast Asian Tsunami. <i>Forensic Science, Medicine, and Pathology</i> , 2011 , 7, 311-6	1.5	24
101	Molecular screening of selected long QT syndrome (LQTS) mutations in 165 consecutive bodies found in water. <i>International Journal of Legal Medicine</i> , 2003 , 117, 115-7	3.1	24

100	Coding ill-defined and unknown cause of death is 13 times more frequent in Denmark than in Finland. <i>Forensic Science International</i> , 2014 , 244, 289-94	2.6	23
99	Evolution of detoxifying systems: the role of environment and population history in shaping genetic diversity at human CYP2D6 locus. <i>Pharmacogenetics and Genomics</i> , 2010 , 20, 485-99	1.9	23
98	Suicide by intracerebellar ballpoint pen. <i>American Journal of Forensic Medicine and Pathology</i> , 2002 , 23, 334-7	1	23
97	Improved Y-STR typing for disaster victim identification, missing persons investigations, and historical human skeletal remains. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1545-1553	3.1	22
96	Factors affecting the STR amplification success in poorly preserved bone samples. <i>Investigative Genetics</i> , 2010 , 1, 9		22
95	Post-mortem vitreous humour as potential specimen for detection of insulin analogues by LC-MS/MS. <i>Forensic Science International</i> , 2013 , 233, 328-32	2.6	21
94	Use of Radiology in Disaster Victim Identification: Positional statement of the members of the Disaster Victim Identification working group of the International Society of Forensic Radiology and Imaging; May 2013. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 218	1.3	19
93	X-STR diversity patterns in the Finnish and the Somali population. <i>Forensic Science International: Genetics</i> , 2009 , 3, 173-8	4.3	19
92	Amplification of the hypervariable region close to the apolipoprotein B gene: application to forensic problems. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 170, 616-20	3.4	19
91	mitoSAVE: mitochondrial sequence analysis of variants in Excel. <i>Forensic Science International: Genetics</i> , 2014 , 12, 122-5	4.3	18
90	Improved separation of PCR amplified VNTR alleles by a vertical polyacrylamide gel electrophoresis. <i>International Journal of Legal Medicine</i> , 1993 , 105, 355-9	3.1	18
89	Effects of Environmental Factors on Severity and Mortality of COVID-19. <i>Frontiers in Medicine</i> , 2020 , 7, 607786	4.9	18
88	Collaborative EDNAP exercise on the IrisPlex system for DNA-based prediction of human eye colour. <i>Forensic Science International: Genetics</i> , 2014 , 11, 241-51	4.3	17
87	Dissecting the Finnish male uniformity: the value of additional Y-STR loci. <i>Forensic Science International: Genetics</i> , 2011 , 5, 199-201	4.3	17
86	Modified DOP-PCR for improved STR typing of degraded DNA from human skeletal remains and bloodstains. <i>Legal Medicine</i> , 2016 , 18, 7-12	1.9	16
85	Assessment of Traub formula and ketone bodies in cause of death investigations. <i>International Journal of Legal Medicine</i> , 2013 , 127, 1131-7	3.1	16
84	Vestiges of an Ancient Border in the Contemporary Genetic Diversity of North-Eastern Europe. <i>PLoS ONE</i> , 2015 , 10, e0130331	3.7	16
83	Under-recording of ethanol intoxication and poisoning in cause-of-death data: causes and consequences. <i>Forensic Science International</i> , 2011 , 212, 121-5	2.6	16

82	Welcome to investigative genetics. <i>Investigative Genetics</i> , 2010 , 1, 1		16
81	How well does a national newspaper reporting system profile drowning?. <i>International Journal of Injury Control and Safety Promotion</i> , 2006 , 13, 35-41	1.8	16
80	Identification of individuals with DNA testing. <i>Annals of Medicine</i> , 1991 , 23, 637-42	1.5	16
79	Aircraft-Assisted Pilot Suicides: Lessons to be Learned. <i>Aviation, Space, and Environmental Medicine</i> , 2014 , 85, 841-6		15
78	Measuring postmortem glycated hemoglobin - A comparison of three methods. <i>Legal Medicine</i> , 2013 , 15, 72-8	1.9	15
77	Fatal gunshot wounds between 1995 and 2001 in a highly populated region in Finland. <i>American Journal of Forensic Medicine and Pathology</i> , 2005 , 26, 70-7	1	15
76	Recent insertion of an Alu element within a polymorphic human-specific Alu insertion. <i>Molecular Biology and Evolution</i> , 2001 , 18, 85-8	8.3	15
75	Isolation of two keratinocyte cell lines derived from HPV-positive dysplastic vaginal lesions. <i>International Journal of Cancer</i> , 1992 , 52, 391-8	7.5	15
74	Monocytes accumulate in the airways of children with fatal asthma. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 1631-1639	4.1	15
73	Characterizing genetically stable and unstable gastric cancers by microsatellites and array comparative genomic hybridization. <i>Cancer Genetics and Cytogenetics</i> , 2006 , 170, 133-9		14
72	High degree of Y-chromosomal divergence within Finland--forensic aspects. <i>Forensic Science International: Genetics</i> , 2007 , 1, 120-4	4.3	14
71	Angiotensin-converting enzyme genotypes in the high- and low-risk area for coronary heart disease in Finland. <i>Genetic Epidemiology</i> , 1995 , 12, 391-9	2.6	14
70	Autopsy rate in suicide is low among elderly in Denmark compared with Finland. <i>Forensic Science International</i> , 2014 , 244, 158-65	2.6	13
69	Postmortem measurement of C-reactive protein and interpretation of results in ketoacidosis. <i>Legal Medicine</i> , 2012 , 14, 140-6	1.9	13
68	Identification and analysis of mtDNA genomes attributed to Finns reveal long-stagnant demographic trends obscured in the total diversity. <i>Scientific Reports</i> , 2017 , 7, 6193	4.9	13
67	Immunohistology and remodeling in fatal pediatric and adolescent asthma. <i>Respiratory Research</i> , 2017 , 18, 94	7.3	13
66	Analysis of mtDNA HVRII in several human populations using an immobilised SSO probe hybridisation assay. <i>European Journal of Human Genetics</i> , 1999 , 7, 459-68	5.3	13
65	Temporal fluctuation in North East Baltic Sea region cattle population revealed by mitochondrial and Y-chromosomal DNA analyses. <i>PLoS ONE</i> , 2015 , 10, e0123821	3.7	12

64	Population resequencing of European mitochondrial genomes highlights sex-bias in Bronze Age demographic expansions. <i>Scientific Reports</i> , 2017 , 7, 12086	4.9	12
63	Asbestos fibers in para-aortic and mesenteric lymph nodes. <i>American Journal of Industrial Medicine</i> , 2009 , 52, 464-70	2.7	12
62	Similarity in recombination rate and linkage disequilibrium at CYP2C and CYP2D cytochrome P450 gene regions among Europeans indicates signs of selection and no advantage of using tagSNPs in population isolates. <i>Pharmacogenetics and Genomics</i> , 2012 , 22, 846-57	1.9	12
61	The effect of number of loci on geographical structuring and forensic applicability of Y-STR data in Finland. <i>International Journal of Legal Medicine</i> , 2008 , 122, 449-56	3.1	12
60	The usefulness of point-of-care (POC) tests in screening elevated glucose and ketone body levels postmortem. <i>Forensic Science International</i> , 2016 , 266, 299-303	2.6	11
59	Assessment of HV1 and HV2 mtDNA Variation for Forensic Purposes in an Uruguayan Population Sample. <i>Journal of Forensic Sciences</i> , 2005 , 50, 1-4	1.8	10
58	MtDNA and Y-chromosomal diversity in the Chachapoya, a population from the northeast Peruvian Andes-Amazon divide. <i>American Journal of Human Biology</i> , 2016 , 28, 857-867	2.7	10
57	Full-gene haplotypes refine CYP2D6 metabolizer phenotype inferences. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1007-1024	3.1	9
56	Characterization and radiosensitivity of UT-EC-2A and UT-EC-2B, two new highly radiosensitive endometrial cancer cell lines derived from a primary and metastatic tumor of the same patient. <i>Gynecologic Oncology</i> , 1995 , 56, 53-62	4.9	9
55	Genotyping of five short tandem repeat loci via triplex and duplex PCR. <i>Forensic Science International</i> , 1996 , 82, 217-26	2.6	9
54	Human mitochondrial DNA lineages in Iron-Age Fennoscandia suggest incipient admixture and eastern introduction of farming-related maternal ancestry. <i>Scientific Reports</i> , 2019 , 9, 16883	4.9	9
53	Statement on conversion therapy. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2020 , 72, 101930	1.7	8
52	Ethylene Glycol and Metabolite Concentrations in Fatal Ethylene Glycol Poisonings. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 481-5	2.9	7
51	HbA1c method evaluation for postmortem samples. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 35-9	1.5	7
50	Dry eye symptoms are increased in mice deficient in phospholipid transfer protein (PLTP). <i>American Journal of Pathology</i> , 2011 , 178, 2058-65	5.8	7
49	An evaluation of the genetic-matched pair study design using genome-wide SNP data from the European population. <i>European Journal of Human Genetics</i> , 2009 , 17, 967-75	5.3	7
48	Fatal iatrogenic BaSO ₄ embolism: morphological and ultrastructural findings confirmed by X-ray microanalysis and ICP-AES. <i>Forensic Science International</i> , 2007 , 172, 203-7	2.6	7
47	Ten millennia of hepatitis B virus evolution. <i>Science</i> , 2021 , 374, 182-188	33.3	7

46	Completed suicides of citalopram users-the role of CYP genotypes and adverse drug interactions. <i>International Journal of Legal Medicine</i> , 2019 , 133, 353-363	3.1	7
45	Serotonergic 5HTTLPR/rs25531 s-allele homozygosity associates with violent suicides in male citalopram users. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017 , 174, 691-700	3.5	6
44	EditorsPick: Contamination has always been the issue!. <i>Investigative Genetics</i> , 2014 , 5, 106		6
43	DNA profiling in a genetically isolated population using three hypervariable DNA markers. <i>Human Heredity</i> , 1992 , 42, 372-9	1.1	6
42	A hybrid pipeline for reconstruction and analysis of viral genomes at multi-organ level. <i>GigaScience</i> , 2020 , 9,	7.6	6
41	The landscape of persistent human DNA viruses in femoral bone. <i>Forensic Science International: Genetics</i> , 2020 , 48, 102353	4.3	5
40	Buried in water, burdened by nature-Resilience carried the Iron Age people through Fimbulvinter. <i>PLoS ONE</i> , 2020 , 15, e0231787	3.7	5
39	Post-mortem analysis of suicide victims shows ABCB1 haplotype 1236T-2677T-3435T as a candidate predisposing factor behind adverse drug reactions in females. <i>Pharmacogenetics and Genomics</i> , 2018 , 28, 99-106	1.9	5
38	Sheep and cattle population dynamics based on ancient and modern DNA reflects key events in the human history of the North-East Baltic Sea Region. <i>Journal of Archaeological Science: Reports</i> , 2018 , 18, 169-173	0.7	5
37	Postmortem medicolegal genetic diagnostics also require reporting guidance. <i>European Journal of Human Genetics</i> , 2016 , 24, 329-30	5.3	5
36	Duty of Notification and Aviation Safety-A Study of Fatal Aviation Accidents in the United States in 2015. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
35	Typing of XY (male) Genotype from Malignant Neoplastic Tissue by the Amelogenin-based Sex Test. <i>Journal of Forensic Sciences</i> , 2004 , 49, 1-5	1.8	5
34	A roadmap to the safe practice of forensic medicine in the COVID-19 pandemic. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2020 , 76, 102036	1.7	5
33	Aircraft-Assisted Pilot Suicides in the General Aviation Increased for One-Year Period after 11 September 2001 Attack in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
32	Bipolar Disorder in Aviation Medicine. <i>Aerospace Medicine and Human Performance</i> , 2017 , 88, 42-47	1.1	4
31	Attention-Deficit/Hyperactivity Disorder and Fatal Accidents in Aviation Medicine. <i>Aerospace Medicine and Human Performance</i> , 2017 , 88, 871-875	1.1	4
30	General Aviation Pilots Over 70 Years Old. <i>Aerospace Medicine and Human Performance</i> , 2017 , 88, 142-145	1.1	4
29	On doctorsAccountability and flight deck safety. <i>Croatian Medical Journal</i> , 2015 , 56, 385-6	1.6	4

28	Cost-consequence analysis of cause of death investigation in Finland and in Denmark. <i>Forensic Science International</i> , 2014 , 245, 133-42	2.6	4
27	Pilot Posttraumatic Stress Disorder and Fatal Aviation Accidents. <i>Aviation Psychology and Applied Human Factors</i> , 2018 , 8, 93-99	0.6	4
26	Predicted activity of UGT2B7, ABCB1, OPRM1, and COMT using full-gene haplotypes and their association with the CYP2D6-inferred metabolizer phenotype. <i>Forensic Science International: Genetics</i> , 2018 , 33, 48-58	4.3	4
25	Molecular clocks ticking in the court room. <i>Investigative Genetics</i> , 2014 , 5, 4		3
24	Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru. <i>PLoS ONE</i> , 2020 , 15, e0244497	3.7	3
23	Supervised Classification of CYP2D6 Genotype and Metabolizer Phenotype With Postmortem Tramadol-Exposed Finns. <i>American Journal of Forensic Medicine and Pathology</i> , 2019 , 40, 8-18	1	3
22	A pathway-driven predictive model of tramadol pharmacogenetics. <i>European Journal of Human Genetics</i> , 2019 , 27, 1143-1156	5.3	2
21	Copycats in Pilot Aircraft-Assisted Suicides after the Germanwings Incident. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	2
20	Glucose metabolism in completed suicide: a forensic-pathological pilot study. <i>Croatian Medical Journal</i> , 2017 , 58, 34-39	1.6	2
19	EditorsPick: transcriptomes of 1000 genomes. <i>Investigative Genetics</i> , 2013 , 4, 17		2
18	Ancient Fennoscandian genomes reveal origin and spread of Siberian ancestry in Europe		2
17	The Human Bone Marrow Is Host to the DNAs of Several Viruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 657245	5.9	2
16	Autosomal STR and SNP characterization of populations from the Northeastern Peruvian Andes with the ForenSeqDNA Signature Prep Kit. <i>Forensic Science International: Genetics</i> , 2021 , 52, 102487	4.3	2
15	Molecular Autopsy. <i>Security Science and Technology</i> , 2016 , 377-413		1
14	Challenges in investigation of diabetes-related aviation fatalities-an analysis of 1491 subsequent aviation fatalities in USA during 2011-2016. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1713-1718 ^{3.1}		1
13	Major historical dietary changes are reflected in the dental microbiome of ancient skeletons. <i>Investigative Genetics</i> , 2013 , 4, 10		1
12	EditorsPick: codeine toxicity prediction in young infants - genotype the mothers. <i>Investigative Genetics</i> , 2012 , 3, 24		1
11	The population history of northeastern Siberia since the Pleistocene		1

- 10 A genome-wide association study of tramadol metabolism from post-mortem samples. *Pharmacogenomics Journal*, **2020**, 20, 94-103 3.5 1
- 9 Exploring the 1000 Genomes Project haplotype reporting for the CYP2D6 pharmacogene. *International Journal of Legal Medicine*, **2019**, 133, 807-810 3.1
- 8 EditorsPick: milk sugar, migration and pastoralism in Africa. *Investigative Genetics*, **2014**, 5, 5
- 7 A tribute to DNA fingerprinting. *Investigative Genetics*, **2013**, 4, 19
- 6 The Y chromosome and the heartache of males. *Investigative Genetics*, **2012**, 3, 9
- 5 Sociodemographic Indicators of Child and Adolescent Mortality in Finland-A Nationwide Study of 310 Municipalities Covering Over 5,000,000 Inhabitants. *Frontiers in Public Health*, **2021**, 9, 678293 6
- 4 Intrinsic structural variation of the complex microsatellite marker MYCL1 in Finnish and Somali populations and its relevance to gastrointestinal tumors. *Genetics and Molecular Biology*, **2006**, 29, 608-612
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