

Kyoung-Jin Shin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

2,379

citations

28

h-index

46

g-index

87

ext. papers

2,703

ext. citations

3

avg, IF

4.83

L-index

#	Paper	IF	Citations
86	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
85	Integrated portable polymerase chain reaction-capillary electrophoresis microsystem for rapid forensic short tandem repeat typing. <i>Analytical Chemistry</i> , 2007 , 79, 1881-9	7.8	149
84	Toward male individualization with rapidly mutating y-chromosomal short tandem repeats. <i>Human Mutation</i> , 2014 , 35, 1021-32	4.7	130
83	Body fluid identification in forensics. <i>BMB Reports</i> , 2012 , 45, 545-53	5.5	115
82	Potential forensic application of DNA methylation profiling to body fluid identification. <i>International Journal of Legal Medicine</i> , 2012 , 126, 55-62	3.1	96
81	DNA methylation-based age prediction from saliva: High age predictability by combination of 7 CpG markers. <i>Forensic Science International: Genetics</i> , 2017 , 29, 118-125	4.3	88
80	Epigenetic age signatures in the forensically relevant body fluid of semen: a preliminary study. <i>Forensic Science International: Genetics</i> , 2015 , 19, 28-34	4.3	73
79	mtDNAManager: a Web-based tool for the management and quality analysis of mitochondrial DNA control-region sequences. <i>BMC Bioinformatics</i> , 2008 , 9, 483	3.6	68
78	DNA methylation-specific multiplex assays for body fluid identification. <i>International Journal of Legal Medicine</i> , 2013 , 127, 35-43	3.1	64
77	Simple and highly effective DNA extraction methods from old skeletal remains using silica columns. <i>Forensic Science International: Genetics</i> , 2010 , 4, 275-80	4.3	63
76	DNA methylation of the ELOVL2, FHL2, KLF14, C1orf132/MIR29B2C, and TRIM59 genes for age prediction from blood, saliva, and buccal swab samples. <i>Forensic Science International: Genetics</i> , 2019 , 38, 1-8	4.3	62
75	Body fluid identification by integrated analysis of DNA methylation and body fluid-specific microbial DNA. <i>International Journal of Legal Medicine</i> , 2014 , 128, 33-41	3.1	59
74	Sex determination using nonmetric characteristics of the mandible in Koreans. <i>Journal of Forensic Sciences</i> , 2006 , 51, 1376-82	1.8	59
73	Mitochondrial DNA control region sequences in Koreans: identification of useful variable sites and phylogenetic analysis for mtDNA data quality control. <i>International Journal of Legal Medicine</i> , 2006 , 120, 5-14	3.1	56
72	Genome-wide methylation profiling and a multiplex construction for the identification of body fluids using epigenetic markers. <i>Forensic Science International: Genetics</i> , 2015 , 17, 17-24	4.3	49
71	Collaborative genetic mapping of 12 forensic short tandem repeat (STR) loci on the human X chromosome. <i>Forensic Science International: Genetics</i> , 2012 , 6, 778-84	4.3	49
70	Massively parallel sequencing of 17 commonly used forensic autosomal STRs and amelogenin with small amplicons. <i>Forensic Science International: Genetics</i> , 2016 , 22, 1-7	4.3	45

69	Radiological analysis on a mummy from a medieval tomb in Korea. <i>Annals of Anatomy</i> , 2003 , 185, 377-82	2.9	45
68	Haplotypes and mutation analysis of 22 Y-chromosomal STRs in Korean father-son pairs. <i>International Journal of Legal Medicine</i> , 2007 , 121, 128-35	3.1	41
67	Selection of twenty-four highly informative SNP markers for human identification and paternity analysis in Koreans. <i>Forensic Science International</i> , 2005 , 148, 107-12	2.6	41
66	DNA methylation-based age prediction from various tissues and body fluids. <i>BMB Reports</i> , 2017 , 50, 546-553	5.3	40
65	East Asian mtDNA haplogroup determination in Koreans: haplogroup-level coding region SNP analysis and subhaplogroup-level control region sequence analysis. <i>Electrophoresis</i> , 2006 , 27, 4408-18	3.6	35
64	Forensic evaluation and haplotypes of 19 Y-chromosomal STR loci in Koreans. <i>Forensic Science International</i> , 2005 , 152, 133-47	2.6	35
63	DNA methylation profiling for a confirmatory test for blood, saliva, semen, vaginal fluid and menstrual blood. <i>Forensic Science International: Genetics</i> , 2016 , 24, 75-82	4.3	33
62	Genetic characteristics and population study of 4 X-chromosomal STRs in Koreans: evidence for a null allele at DXS9898. <i>International Journal of Legal Medicine</i> , 2004 , 118, 355-60	3.1	33
61	Forensic DNA methylation profiling from evidence material for investigative leads. <i>BMB Reports</i> , 2016 , 49, 359-69	5.5	33
60	Y-STR analysis of degraded DNA using reduced-size amplicons. <i>International Journal of Legal Medicine</i> , 2007 , 121, 152-7	3.1	31
59	Forensic and genetic characterization of mtDNA from Pathans of Pakistan. <i>International Journal of Legal Medicine</i> , 2011 , 125, 841-8	3.1	28
58	Five highly informative X-chromosomal STRs in Koreans. <i>International Journal of Legal Medicine</i> , 2004 , 118, 37-40	3.1	26
57	The chronology of second and third molar development in Koreans and its application to forensic age estimation. <i>International Journal of Legal Medicine</i> , 2010 , 124, 659-65	3.1	25
56	Quantitative and qualitative profiling of mitochondrial DNA length heteroplasmy. <i>Electrophoresis</i> , 2004 , 25, 28-34	3.6	25
55	Population genetic study of four closely-linked X-STR trios in Koreans. <i>Molecular Biology Reports</i> , 2010 , 37, 333-7	2.8	24
54	Investigation into the sequence structure of 23 Y chromosomal STR loci using massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2016 , 25, 132-141	4.3	22
53	Haplotype and mutation analysis for newly suggested Y-STRs in Korean father-son pairs. <i>Forensic Science International: Genetics</i> , 2015 , 15, 64-8	4.3	22
52	mtDNAprofiler: a Web application for the nomenclature and comparison of human mitochondrial DNA sequences. <i>Journal of Forensic Sciences</i> , 2013 , 58, 972-80	1.8	22

51	The Diversity of Dental Patterns in the Orthopantomography and Its Significance in Human Identification. <i>Journal of Forensic Sciences</i> , 2004 , 49, 1-3	1.8	22
50	Genetic polymorphism and haplotype analysis of 4 tightly linked X-STR duos in Koreans. <i>Croatian Medical Journal</i> , 2009 , 50, 305-12	1.6	21
49	Evaluating the genomic and sequence integrity of human ES cell lines; comparison to normal genomes. <i>Stem Cell Research</i> , 2012 , 8, 154-64	1.6	20
48	DNA typing for the identification of old skeletal remains from Korean War victims. <i>Journal of Forensic Sciences</i> , 2010 , 55, 1422-9	1.8	20
47	Characterization of deletions in the DYS385 flanking region and null alleles associated with AZFc microdeletions in Koreans. <i>Journal of Forensic Sciences</i> , 2008 , 53, 331-4	1.8	19
46	Platform-independent models for age prediction using DNA methylation data. <i>Forensic Science International: Genetics</i> , 2019 , 38, 39-47	4.3	19
45	Analysis of 22 Y chromosomal STR haplotypes and Y haplogroup distribution in Pathans of Pakistan. <i>Forensic Science International: Genetics</i> , 2014 , 11, 111-6	4.3	18
44	Understanding the Y chromosome variation in Korea--relevance of combined haplogroup and haplotype analyses. <i>International Journal of Legal Medicine</i> , 2012 , 126, 589-99	3.1	18
43	Mitochondrial DNA CA dinucleotide repeats in Koreans: the presence of length heteroplasmy. <i>International Journal of Legal Medicine</i> , 2005 , 119, 50-3	3.1	18
42	Sequence-based diversity of 23 autosomal STR loci in Koreans investigated using an in-house massively parallel sequencing panel. <i>Forensic Science International: Genetics</i> , 2017 , 30, 134-140	4.3	17
41	A modified mini-primer set for analyzing mitochondrial DNA control region sequences from highly degraded forensic samples. <i>BioTechniques</i> , 2008 , 44, 555-6, 558	2.5	17
40	Differential distribution of human mitochondrial DNA in somatic tissues and hairs. <i>Annals of Human Genetics</i> , 2006 , 70, 59-65	2.2	17
39	Rapid direct PCR for ABO blood typing. <i>Journal of Forensic Sciences</i> , 2011 , 56 Suppl 1, S179-82	1.8	16
38	A multiplex PCR system for 13 RM Y-STRs with separate amplification of two different repeat motif structures in DYF403S1a. <i>Forensic Science International: Genetics</i> , 2017 , 26, 85-90	4.3	14
37	Population data for 30 insertion-deletion markers in a Korean population. <i>International Journal of Legal Medicine</i> , 2014 , 128, 51-2	3.1	14
36	Population data of nine miniSTR loci in Koreans. <i>Forensic Science International</i> , 2007 , 168, e51-3	2.6	11
35	Association of Asian mitochondrial DNA haplogroup B with new development of knee osteoarthritis in Koreans. <i>International Journal of Rheumatic Diseases</i> , 2019 , 22, 411-416	2.3	11
34	Isolation and characterization of tumorspheres from a recurrent pineoblastoma patient: Feasibility of a patient-derived xenograft. <i>International Journal of Oncology</i> , 2016 , 49, 569-78	4.4	10

33	A one step multiplex PCR assay for rapid screening of East Asian mtDNA haplogroups on forensic samples. <i>Legal Medicine</i> , 2013 , 15, 50-4	1.9	10
32	Massively parallel sequencing of the entire control region and targeted coding region SNPs of degraded mtDNA using a simplified library preparation method. <i>Forensic Science International: Genetics</i> , 2016 , 22, 37-43	4.3	9
31	Y-SNP miniplexes for East Asian Y-chromosomal haplogroup determination in degraded DNA. <i>Forensic Science International: Genetics</i> , 2013 , 7, 75-81	4.3	8
30	A genetic investigation of Korean mummies from the Joseon Dynasty. <i>Molecular Biology Reports</i> , 2011 , 38, 115-21	2.8	8
29	Allele frequencies and haplotypes of six new Y-specific STR loci in Koreans. <i>Forensic Science International</i> , 2003 , 136, 89-91	2.6	8
28	Analysis of Kinship Index Distributions in Koreans Using Simulated Autosomal STR Profiles. <i>Korean Journal of Legal Medicine</i> , 2013 , 37, 57	0.2	7
27	The diversity of dental patterns in the orthopantomography and its significance in human identification. <i>Journal of Forensic Sciences</i> , 2004 , 49, 784-6	1.8	7
26	Discriminating power of rapidly mutating Y-STRs in deep rooted endogamous pedigrees from Sindhi population of Pakistan. <i>Legal Medicine</i> , 2018 , 34, 17-20	1.9	6
25	Off-ladder alleles due to a single nucleotide polymorphism in the flanking region at DYS481 detected by the PowerPlex(II) Y23 System. <i>Forensic Science International: Genetics</i> , 2016 , 24, e7-e8	4.3	6
24	Forensic SNP Genotyping with SNaPshot: Development of a Novel In-house SBE Multiplex SNP Assay. <i>Journal of Forensic Sciences</i> , 2018 , 63, 1824-1829	1.8	5
23	Confirmation of Y haplogroup tree topologies with newly suggested Y-SNPs for the C2, O2b and O3a subhaplogroups. <i>Forensic Science International: Genetics</i> , 2015 , 19, 42-46	4.3	5
22	Bisulfite-Converted DNA Quantity Evaluation: A Multiplex Quantitative Real-Time PCR System for Evaluation of Bisulfite Conversion. <i>Frontiers in Genetics</i> , 2021 , 12, 618955	4.5	5
21	Comparative study of STR loci for typing old skeletal remains with modified protocols of AmpFI STR Identifiler and AmpFI STR MiniFiler STR Kits. <i>Australian Journal of Forensic Sciences</i> , 2015 , 47, 200-223	1.1	4
20	Genetic characterization and assessment of authenticity of ancient Korean skeletal remains. <i>Human Biology</i> , 2008 , 80, 239-50	1.2	4
19	Population Data of the COfiler STR Loci in Koreans. <i>Journal of Forensic Sciences</i> , 2004 , 49, 1-2	1.8	4
18	Modified midi- and mini-multiplex PCR systems for mitochondrial DNA control region sequence analysis in degraded samples. <i>Journal of Forensic Sciences</i> , 2013 , 58, 738-43	1.8	3
17	Mitochondrial DNA 4977bp deletion mutation in peripheral blood reflects atrial remodeling in patients with non-valvular atrial fibrillation. <i>Yonsei Medical Journal</i> , 2015 , 56, 53-61	3	2
16	Sequence Generation and Genotyping of 15 Autosomal STR Markers Using Next Generation Sequencing. <i>Korean Journal of Legal Medicine</i> , 2014 , 38, 48	0.2	2

15	Rapid and Simple Screening of Mitochondrial DNA in Koreans by the Analysis of Highly Variable Control Region SNPs. <i>Korean Journal of Legal Medicine</i> , 2013 , 37, 183	0.2	2
14	Population Data of ABO Gene Applicable to Human Identification in Koreans. <i>Journal of Forensic Sciences</i> , 2003 , 48, 2003169	1.8	2
13	Comparison of whole mitochondrial genome variants between hair shafts and reference samples using massively parallel sequencing. <i>International Journal of Legal Medicine</i> , 2020 , 134, 853-861	3.1	2
12	Improved STR analysis of degraded DNA from human skeletal remains through in-house MPS-STR panel. <i>Electrophoresis</i> , 2020 , 41, 1600-1605	3.6	2
11	Effectiveness of Coupled Application of AmpFIBTR Yfiler Kit and Reduced Size Y-chromosomal Short Tandem Repeat Analysis for Archeological Human Bones. <i>Journal of Forensic Sciences</i> , 2016 , 61, 430-438	1.8	2
10	Massively parallel sequencing of 25 autosomal STRs including SE33 in four population groups for forensic applications. <i>Scientific Reports</i> , 2021 , 11, 4701	4.9	2
9	Y chromosomal deletion pattern in Koreans inhabiting Jeju Island. <i>Anthropologischer Anzeiger</i> , 2017 , 74, 177-182	0.6	1
8	DNA Methylation-Based Age Estimation in the Forensic Field. <i>Korean Journal of Legal Medicine</i> , 2013 , 37, 1	0.2	1
7	The survival of donor-derived cells in a successfully grafted corneal button 10 years after penetrating keratoplasty for lattice dystrophy. <i>Ophthalmologica</i> , 2009 , 223, 396-400	3.7	1
6	Population data of ABO gene applicable to human identification in Koreans. <i>Journal of Forensic Sciences</i> , 2003 , 48, 1424-5	1.8	1
5	Population data of the COfiler STR loci in Koreans. <i>Journal of Forensic Sciences</i> , 2004 , 49, 176-7	1.8	1
4	Web-based Y-STR Database for Haplotype Frequency Estimation and Kinship Index Calculation. <i>Korean Journal of Legal Medicine</i> , 2012 , 36, 45	0.2	0
3	Sequence Variations of 31 Y-chromosomal Short Tandem Repeats Analyzed by Massively Parallel Sequencing in Three U.S. Population Groups and Korean Population.. <i>Journal of Korean Medical Science</i> , 2022 , 37, e40	4.7	0
2	Analysis of Asian Mitochondrial DNA Haplogroups Associated With the Progression of Knee Osteoarthritis in Koreans. <i>Journal of Rheumatic Diseases</i> , 2020 , 27, 168-173	1.2	
1	De Novo L509P Mutation of the TGFBI Gene Associated with Slit-Lamp Findings of Lattice Corneal Dystrophy Type IIIA. <i>Journal of Clinical Medicine</i> , 2022 , 11, 3055	5.1	