

# Katsushi Tokunaga

## List of Publications by Citations

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173  
papers

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31  
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g-index

183  
ext. papers

4,742  
ext. citations

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L-index

#	Paper	IF	Citations
173	An ancient retrotransposal insertion causes Fukuyama-type congenital muscular dystrophy. <i>Nature</i> , <b>1998</b> , 394, 388-92	50.4	665
172	Genome-wide association study identifies TNFSF15 and POU2AF1 as susceptibility loci for primary biliary cirrhosis in the Japanese population. <i>American Journal of Human Genetics</i> , <b>2012</b> , 91, 721-8	11	201
171	FTO polymorphisms in oceanic populations. <i>Journal of Human Genetics</i> , <b>2007</b> , 52, 1031-1035	4.3	118
170	Genetic origins of the Ainu inferred from combined DNA analyses of maternal and paternal lineages. <i>Journal of Human Genetics</i> , <b>2004</b> , 49, 187-193	4.3	99
169	Strong association between hla-a*02:06 and acetaminophen-related stevens-johnson syndrome with severe mucosal involvements in the Japanese. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P11	5.2	78
168	HLA association with antipyretic analgesics-induced Stevens-Johnson Syndrome/toxic epidermal necrolysis with severe ocular surface complications in japanese patients. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P89	5.2	78
167	Genome-Wide Association Study Identifies TLL1 Variant Associated With Development of Hepatocellular Carcinoma After Eradication of Hepatitis C Virus Infection. <i>Gastroenterology</i> , <b>2017</b> , 152, 1383-1394	13.3	76
166	Association of TCF7L2 polymorphisms with susceptibility to type 2 diabetes in 4,087 Japanese subjects. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 174-180	4.3	76
165	Independent strong association of HLA-A*02:06 and HLA-B*44:03 with cold medicine-related Stevens-Johnson syndrome with severe mucosal involvement. <i>Scientific Reports</i> , <b>2014</b> , 4, 4862	4.9	67
164	Recombination and gene conversion-like events may contribute to ABO gene diversity causing various phenotypes. <i>Immunogenetics</i> , <b>2001</b> , 53, 190-9	3.2	64
163	A genome-wide association study for diabetic retinopathy in a Japanese population: potential association with a long intergenic non-coding RNA. <i>PLoS ONE</i> , <b>2014</b> , 9, e111715	3.7	62
162	Genome-wide Association Study of Autism Spectrum Disorder in the East Asian Populations. <i>Autism Research</i> , <b>2016</b> , 9, 340-9	5.1	59
161	Trans-ethnic study confirmed independent associations of HLA-A*02:06 and HLA-B*44:03 with cold medicine-related Stevens-Johnson syndrome with severe ocular surface complications. <i>Scientific Reports</i> , <b>2014</b> , 4, 5981	4.9	55
160	IKZF1, a new susceptibility gene for cold medicine-related Stevens-Johnson syndrome/toxic epidermal necrolysis with severe mucosal involvement. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 135, 1538-45.e17	11.5	50
159	Identification of the gene variations in human CD22. <i>Immunogenetics</i> , <b>1999</b> , 49, 280-6	3.2	50
158	Different Alleles Cause an Imbalance in A2 and A2B Phenotypes of the ABO Blood Group. <i>Vox Sanguinis</i> , <b>1998</b> , 74, 242-247	3.1	49
157	Genetic variations on the Y chromosome in the Japanese population and implications for modern human Y chromosome lineage. <i>Journal of Human Genetics</i> , <b>1999</b> , 44, 240-5	4.3	47

156	Contribution of HLA genes to genetic predisposition in diffuse panbronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1998</b> , 158, 846-50	10.2	45
155	Associations of human leukocyte antigens with autoimmune diseases: challenges in identifying the mechanism. <i>Journal of Human Genetics</i> , <b>2015</b> , 60, 697-702	4.3	42
154	Epigenome-wide association study of DNA methylation in panic disorder. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 6	7.7	39
153	HLA class II alleles in Ainu living in Hidaka District, Hokkaido, northern Japan. <i>American Journal of Physical Anthropology</i> , <b>1996</b> , 101, 1-9	2.5	38
152	DBTSS/DBKERO for integrated analysis of transcriptional regulation. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, D229-D238	20.1	37
151	Strong Association of the Locus with Childhood Steroid-Sensitive Nephrotic Syndrome in the Japanese Population. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 2189-2199	12.7	37
150	Association of Cw11 in Japanese patients with psoriasis vulgaris. <i>Tissue Antigens</i> , <b>1990</b> , 36, 241-2		37
149	Genome-wide association studies identify PRKCB as a novel genetic susceptibility locus for primary biliary cholangitis in the Japanese population. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 650-659	5.6	36
148	A 12-kb structural variation in progressive myoclonic epilepsy was newly identified by long-read whole-genome sequencing. <i>Journal of Human Genetics</i> , <b>2019</b> , 64, 359-368	4.3	36
147	Founder-haplotype analysis in Fukuyama-type congenital muscular dystrophy (FCMD). <i>Human Genetics</i> , <b>1998</b> , 103, 323-7	6.3	35
146	Appropriate data cleaning methods for genome-wide association study. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 886-893	4.3	34
145	Possible association of human leukocyte antigen DR1 with delayed sleep phase syndrome. <i>Psychiatry and Clinical Neurosciences</i> , <b>1999</b> , 53, 527-9	6.2	34
144	HLA and Human Mate Choice. Tests on Japanese Couples.. <i>Anthropological Science</i> , <b>2000</b> , 108, 199-214	1.3	32
143	Pathogen lineage-based genome-wide association study identified CD53 as susceptible locus in tuberculosis. <i>Journal of Human Genetics</i> , <b>2017</b> , 62, 1015-1022	4.3	31
142	A polymorphism in CCR1/CCR3 is associated with narcolepsy. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 49, 148-55	16.6	30
141	NAT2 variants are associated with drug-induced liver injury caused by anti-tuberculosis drugs in Indonesian patients with tuberculosis. <i>Journal of Human Genetics</i> , <b>2016</b> , 61, 533-7	4.3	30
140	Evidence for Host-Bacterial Co-evolution via Genome Sequence Analysis of 480 Thai Mycobacterium tuberculosis Lineage 1 Isolates. <i>Scientific Reports</i> , <b>2018</b> , 8, 11597	4.9	30
139	Discerning the Origins of the Negritos, First Sundaland People: Deep Divergence and Archaic Admixture. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 2013-2022	3.9	30

138	Analysis of human leukocyte antigen-G polymorphism including intron 4 in Japanese couples with habitual abortion. <i>American Journal of Reproductive Immunology</i> , <b>1999</b> , 41, 159-63	3.8	30
137	Understanding of HLA-conferred susceptibility to chronic hepatitis B infection requires HLA genotyping-based association analysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 24767	4.9	29
136	New susceptibility and resistance HLA-DP alleles to HBV-related diseases identified by a trans-ethnic association study in Asia. <i>PLoS ONE</i> , <b>2014</b> , 9, e86449	3.7	28
135	Polymorphisms of promoter and coding regions of the arylamine N-acetyltransferase 2 (NAT2) gene in the Indonesian population: proposal for a new nomenclature. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 201-209	4.3	28
134	Power of genome-wide linkage disequilibrium testing by using microsatellite markers. <i>Journal of Human Genetics</i> , <b>2003</b> , 48, 487-491	4.3	28
133	Sequence Variation of Human Platelet Membrane Glycoprotein IIIa Associated with the Yuka/Yukb Alloantigen System.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>1991</b> , 67, 102-106	4	28
132	Association and interaction analyses of NRG1 and ERBB4 genes with schizophrenia in a Japanese population. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 929-935	4.3	27
131	High-density Association Mapping and Interaction Analysis of PLA2R1 and HLA Regions with Idiopathic Membranous Nephropathy in Japanese. <i>Scientific Reports</i> , <b>2016</b> , 6, 38189	4.9	27
130	Genetics of narcolepsy. <i>Human Genome Variation</i> , <b>2019</b> , 6, 4	1.8	26
129	Key HLA-DRB1-DQB1 haplotypes and role of the BTNL2 gene for response to a hepatitis B vaccine. <i>Hepatology</i> , <b>2018</b> , 68, 848-858	11.2	26
128	Profiling of genes expressed in human monocytes and monocyte-derived dendritic cells using cDNA expression array. <i>British Journal of Haematology</i> , <b>2001</b> , 114, 191-7	4.5	25
127	Determination of Granulocyte-Specific Antigens on Neutrophil FcγReceptor IIIb by PCR-Preferential Homoduplex Formation Assay, and Gene Frequencies in the Japanese Population. <i>Vox Sanguinis</i> , <b>1999</b> , 77, 218-222	3.1	25
126	Human leukocyte antigen variants and risk of hepatocellular carcinoma modified by hepatitis C virus genotypes: A genome-wide association study. <i>Hepatology</i> , <b>2018</b> , 67, 651-661	11.2	24
125	Association of diffuse panbronchiolitis with microsatellite polymorphism of the human interleukin 8 (IL-8) gene. <i>Journal of Human Genetics</i> , <b>1999</b> , 44, 169-72	4.3	24
124	Human Leukocyte Antigen Class I Genes Associated With Stevens-Johnson Syndrome and Severe Ocular Complications Following Use of Cold Medicine in a Brazilian Population. <i>JAMA Ophthalmology</i> , <b>2017</b> , 135, 355-360	3.9	23
123	Genome-wide association study identified new susceptible genetic variants in HLA class I region for hepatitis B virus-related hepatocellular carcinoma. <i>Scientific Reports</i> , <b>2018</b> , 8, 7958	4.9	23
122	Support for an association between HLA-DR1 and schizophrenia in the Japanese population. <i>American Journal of Medical Genetics Part A</i> , <b>2000</b> , 96, 725-7		22
121	The First Pilot Genome-Wide Gene-Environment Study of Depression in the Japanese Population. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160823	3.7	22

120	Human primary biliary cirrhosis-susceptible allele of rs4979462 enhances TNFSF15 expression by binding NF-1. <i>Human Genetics</i> , <b>2015</b> , 134, 737-47	6.3	21
119	A functional SNP in the NKX2.5-binding site of ITPR3 promoter is associated with susceptibility to systemic lupus erythematosus in Japanese population. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 151-162	4.3	21
118	Phenome-wide association study maps new diseases to the human major histocompatibility complex region. <i>Journal of Medical Genetics</i> , <b>2016</b> , 53, 681-9	5.8	21
117	New susceptibility variants to narcolepsy identified in HLA class II region. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 891-8	5.6	20
116	GA4GH: International policies and standards for data sharing across genomic research and healthcare.. <i>Cell Genomics</i> , <b>2021</b> , 1, 100029-100029		20
115	NAT2 ultra-slow acetylator and risk of anti-tuberculosis drug-induced liver injury: a genotype-based meta-analysis. <i>Pharmacogenetics and Genomics</i> , <b>2018</b> , 28, 167-176	1.9	20
114	Unique characteristics of the Ainu population in Northern Japan. <i>Journal of Human Genetics</i> , <b>2015</b> , 60, 565-71	4.3	19
113	Genetic diversity and dynamic distribution of Mycobacterium tuberculosis isolates causing pulmonary and extrapulmonary tuberculosis in Thailand. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 4267-74	9.7	19
112	Development of a prediction system for anti-tuberculosis drug-induced liver injury in Japanese patients. <i>Human Genome Variation</i> , <b>2016</b> , 3, 16014	1.8	19
111	Genome-wide association study of self-reported food reactions in Japanese identifies shrimp and peach specific loci in the HLA-DR/DQ gene region. <i>Scientific Reports</i> , <b>2018</b> , 8, 1069	4.9	18
110	Principal contribution of HLA-DQ alleles, DQB1*06:04 and DQB1*03:01, to disease resistance against primary biliary cholangitis in a Japanese population. <i>Scientific Reports</i> , <b>2017</b> , 7, 11093	4.9	18
109	HLA-A*02:06 and PTGER3 polymorphism exert additive effects in cold medicine-related Stevens-Johnson syndrome with severe ocular complications. <i>Human Genome Variation</i> , <b>2015</b> , 2, 15023	1.8	18
108	Reply to: "Lack of HIF-2 $\alpha$ in limb bud mesenchyme causes a modest and transient delay of endochondral bone development" and "Replication studies in various ethnic populations do not support the association of the HIF-2 $\beta$ SNP rs17039192 with knee osteoarthritis". <i>Nature Medicine</i> , <b>2011</b> , 17, 27-29	50.5	18
107	Genome-Wide Association Study Identifies Risk Variants for Lichen Planus in Patients With Hepatitis C Virus Infection. <i>Clinical Gastroenterology and Hepatology</i> , <b>2017</b> , 15, 937-944.e5	6.9	17
106	Common risk variants in NPHS1 and TNFSF15 are associated with childhood steroid-sensitive nephrotic syndrome. <i>Kidney International</i> , <b>2020</b> , 98, 1308-1322	9.9	17
105	Evaluation of polygenic risks for narcolepsy and essential hypersomnia. <i>Journal of Human Genetics</i> , <b>2016</b> , 61, 873-878	4.3	17
104	Mutations in rrs, rpsL and gidB in streptomycin-resistant Mycobacterium tuberculosis isolates from Thailand. <i>Journal of Global Antimicrobial Resistance</i> , <b>2016</b> , 4, 5-10	3.4	17
103	HLA-A26 subtype A pockets accommodate acidic N-termini of ligands. <i>Immunogenetics</i> , <b>1998</b> , 48, 350-3	3.2	17

102	Genome-Wide Association Study Confirming a Strong Effect of HLA and Identifying Variants in on Chromosome 12q13.13 Associated With Susceptibility to Fulminant Type 1 Diabetes. <i>Diabetes</i> , <b>2019</b> , 68, 665-675	0.9	17
101	Genome-wide association study using the ethnicity-specific Japonica array: identification of new susceptibility loci for cold medicine-related Stevens-Johnson syndrome with severe ocular complications. <i>Journal of Human Genetics</i> , <b>2017</b> , 62, 485-489	4.3	16
100	Disease susceptibility genes shared by primary biliary cirrhosis and Crohn's disease in the Japanese population. <i>Journal of Human Genetics</i> , <b>2015</b> , 60, 525-31	4.3	16
99	An association analysis of HLA-DQB1 with narcolepsy without cataplexy and idiopathic hypersomnia with/without long sleep time in a Japanese population. <i>Human Genome Variation</i> , <b>2015</b> , 2, 15031	1.8	16
98	Analysis of whole Y-chromosome sequences reveals the Japanese population history in the Jomon period. <i>Scientific Reports</i> , <b>2019</b> , 9, 8556	4.9	15
97	Identification of the functional variant driving ORMDL3 and GSDMB expression in human chromosome 17q12-21 in primary biliary cholangitis. <i>Scientific Reports</i> , <b>2017</b> , 7, 2904	4.9	15
96	Role of B cell inhibitory receptor polymorphisms in systemic lupus erythematosus: a negative times a negative makes a positive. <i>Journal of Human Genetics</i> , <b>2006</b> , 51, 741-750	4.3	15
95	Polymorphisms in the ABO blood group gene in three populations in the New Georgia group of the Solomon Islands. <i>Journal of Human Genetics</i> , <b>2006</b> , 51, 407-411	4.3	15
94	A common Japanese haplotype HLA-A26-Cw3-B61-DR9-DQ3 carries HLA-B*4002. <i>Tissue Antigens</i> , <b>1992</b> , 40, 257-60		15
93	POGLUT1, the putative effector gene driven by rs2293370 in primary biliary cholangitis susceptibility locus chromosome 3q13.33. <i>Scientific Reports</i> , <b>2019</b> , 9, 102	4.9	14
92	De novo polyalanine expansion of PHOX2B in congenital central hypoventilation syndrome: unequal sister chromatid exchange during paternal gametogenesis. <i>Journal of Human Genetics</i> , <b>2007</b> , 52, 921-925	4.3	14
91	Comparative FISH mapping of the ancestral fusion point of human chromosome 2. <i>Chromosome Research</i> , <b>2000</b> , 8, 727-35	4.4	14
90	Digenic mutations in and impair formaldehyde clearance and cause a multisystem disorder, AMeD syndrome. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	14
89	The first genome-wide association study identifying new susceptibility loci for obstetric antiphospholipid syndrome. <i>Journal of Human Genetics</i> , <b>2017</b> , 62, 831-838	4.3	13
88	Genomewide Association Study Confirming the Association of with Susceptibility to Antituberculosis Drug-Induced Liver Injury in Thai Patients. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	13
87	Glypican-5 Increases Susceptibility to Nephrotic Damage in Diabetic Kidney. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 1889-98	5.8	13
86	Association of HLA class I and II gene polymorphisms with acetaminophen-related Stevens-Johnson syndrome with severe ocular complications in Japanese individuals. <i>Human Genome Variation</i> , <b>2019</b> , 6, 50	1.8	13
85	Association of Human Leukocyte Antigen Class 1 genes with Stevens Johnson Syndrome with severe ocular complications in an Indian population. <i>Scientific Reports</i> , <b>2017</b> , 7, 15960	4.9	13



84	Detection of Hereditary 1,25-Hydroxyvitamin D-Resistant Rickets Caused by Uniparental Disomy of Chromosome 12 Using Genome-Wide Single Nucleotide Polymorphism Array. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131157	3.7	13
83	MHC (major histocompatibility complex)-DRB genes and polymorphisms in common marmoset. <i>Journal of Molecular Evolution</i> , <b>2000</b> , 51, 214-22	3.1	13
82	Epigenome-wide association study of DNA methylation in narcolepsy: an integrated genetic and epigenetic approach. <i>Sleep</i> , <b>2018</b> , 41,	1.1	12
81	Amino acid position 37 of HLA-DRβ affects susceptibility to Crohn's disease in Asians. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 3901-3910	5.6	12
80	Haplotype analyses with the human leucocyte antigen and tumour necrosis factor-alpha genes in narcolepsy families. <i>Psychiatry and Clinical Neurosciences</i> , <b>2001</b> , 55, 37-9	6.2	12
79	Role of HLA-DP and HLA-DQ on the clearance of hepatitis B virus and the risk of chronic infection in a multiethnic population. <i>Liver International</i> , <b>2017</b> , 37, 1476-1487	7.9	11
78	A missense variant in PER2 is associated with delayed sleep-wake phase disorder in a Japanese population. <i>Journal of Human Genetics</i> , <b>2019</b> , 64, 1219-1225	4.3	11
77	Whole-exome sequencing and gene-based rare variant association tests suggest that PLA2G4E might be a risk gene for panic disorder. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 41	8.6	11
76	Immune-related pathways including HLA-DRB1(*)13:02 are associated with panic disorder. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 46, 96-103	16.6	11
75	Negative association of the HLA-DRB1*1502-DQB1*0601 haplotype with human narcolepsy. <i>Immunogenetics</i> , <b>2001</b> , 52, 299-301	3.2	11
74	New variations of human SHP-1. <i>Immunogenetics</i> , <b>1999</b> , 49, 577-9	3.2	11
73	A Genome-wide Association Study Identifying RAP1A as a Novel Susceptibility Gene for Crohn's Disease in Japanese Individuals. <i>Journal of Crohn's and Colitis</i> , <b>2019</b> , 13, 648-658	1.5	11
72	NFKB1 and MANBA Confer Disease Susceptibility to Primary Biliary Cholangitis via Independent Putative Primary Functional Variants. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2019</b> , 7, 515-532	7.9	10
71	Identification of a telomeric boundary of the HLA region with potential for predisposition to human narcolepsy. <i>Immunogenetics</i> , <b>2000</b> , 52, 12-8	3.2	10
70	Fine-mapping analysis revealed complex pleiotropic effect and tissue-specific regulatory mechanism of TNFSF15 in primary biliary cholangitis, Crohn's disease and leprosy. <i>Scientific Reports</i> , <b>2016</b> , 6, 31429	4.9	9
69	Novel rare variations of the oxytocin receptor (OXTR) gene in autism spectrum disorder individuals. <i>Human Genome Variation</i> , <b>2015</b> , 2, 15024	1.8	9
68	Establishment of a method of anonymization of DNA samples in genetic research. <i>Journal of Human Genetics</i> , <b>2003</b> , 48, 327-330	4.3	9
67	X Chromosome Contribution to the Genetic Architecture of Primary Biliary Cholangitis. <i>Gastroenterology</i> , <b>2021</b> , 160, 2483-2495.e26	13.3	9

66	Homoplasmic single nucleotide polymorphisms contributed to phenotypic diversity in <i>Mycobacterium tuberculosis</i> . <i>Scientific Reports</i> , <b>2020</b> , 10, 8024	4.9	8
65	A high-resolution HLA imputation system for the Taiwanese population: a study of the Taiwan Biobank. <i>Pharmacogenomics Journal</i> , <b>2020</b> , 20, 695-704	3.5	8
64	Identification of ITPA on chromosome 20 as a susceptibility gene for young-onset tuberculosis. <i>Human Genome Variation</i> , <b>2016</b> , 3, 15067	1.8	8
63	Novel DNA chip based on a modified DigiTag2 assay for high-throughput species identification and genotyping of <i>Mycobacterium tuberculosis</i> complex isolates. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 1962-8	9.7	8
62	Determination of granulocyte-specific antigens on neutrophil FcA receptor IIIb by PCR-preferential homoduplex formation assay, and gene frequencies in the Japanese population. <i>Vox Sanguinis</i> , <b>1999</b> , 77, 218-22	3.1	8
61	The Origin and Composition of Korean Ethnicity Analyzed by Ancient and Present-Day Genome Sequences. <i>Genome Biology and Evolution</i> , <b>2020</b> , 12, 553-565	3.9	7
60	An epigenome-wide methylation study of healthy individuals with or without depressive symptoms. <i>Journal of Human Genetics</i> , <b>2018</b> , 63, 319-326	4.3	7
59	Identification of HLA-A*02:06:01 as the primary disease susceptibility HLA allele in cold medicine-related Stevens-Johnson syndrome with severe ocular complications by high-resolution NGS-based HLA typing. <i>Scientific Reports</i> , <b>2019</b> , 9, 16240	4.9	7
58	Genome-Wide Association Study Identifies ZNF354C Variants Associated with Depression from Interferon-Based Therapy for Chronic Hepatitis C. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164418	3.7	7
57	Polymorphisms in the TMEM132D region are associated with panic disorder in HLA-DRB1*13:02-negative individuals of a Japanese population. <i>Human Genome Variation</i> , <b>2016</b> , 3, 16001 <sup>18</sup>	1.8	7
56	Identification of a two-SNP PLA2R1 Haplotype and HLA-DRB1 Alleles as Primary Risk Associations in Idiopathic Membranous Nephropathy. <i>Scientific Reports</i> , <b>2018</b> , 8, 15576	4.9	7
55	NELFCD and CTSZ loci are associated with jaundice-stage progression in primary biliary cholangitis in the Japanese population. <i>Scientific Reports</i> , <b>2018</b> , 8, 8071	4.9	7
54	Integrative genome analysis identified the KANNO blood group antigen as prion protein. <i>Transfusion</i> , <b>2019</b> , 59, 2429-2435	2.9	6
53	Association of functional polymorphisms in interferon regulatory factor 2 (IRF2) with susceptibility to systemic lupus erythematosus: a case-control association study. <i>PLoS ONE</i> , <b>2014</b> , 9, e109764	3.7	6
52	Comparative study of the haplotype structure and linkage disequilibrium of chromosome 1p36.2 region in the Korean and Japanese populations. <i>Journal of Human Genetics</i> , <b>2004</b> , 49, 603-609	4.3	6
51	Haplotype-specific sequence encoding the protein kinase, interferon-inducible double-stranded RNA-dependent activator in the human leukocyte antigen class II region. <i>Immunogenetics</i> , <b>2001</b> , 52, 186-194	3.2	6
50	A human PSMB11 variant affects thymoproteasome processing and CD8+ T cell production. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	6
49	Protective association of HLA-DRB1*13:02, HLA-DRB1*04:06, and HLA-DQB1*06:04 alleles with cervical cancer in a Korean population. <i>Human Immunology</i> , <b>2019</b> , 80, 107-111	2.3	6



48	Haplotype-specific PCR for diplotyping. <i>Human Genome Variation</i> , <b>2020</b> , 7, 13	1.8	5
47	Genome-wide analysis of CNV (copy number variation) and their associations with narcolepsy in a Japanese population. <i>Journal of Human Genetics</i> , <b>2014</b> , 59, 235-40	4.3	5
46	Linkage disequilibrium structure of the 5q31-33 region in a Thai population. <i>Journal of Human Genetics</i> , <b>2008</b> , 53, 850-856	4.3	5
45	HLA-DRB1 polymorphism on Haʻano island of the Kingdom of Tonga. <i>Anthropological Science</i> , <b>2006</b> , 114, 193-198	1.3	5
44	Sojourn times and substitution rate at overdominant and linked neutral loci. <i>Genetics</i> , <b>2000</b> , 155, 921-7	4	5
43	Metabolome analysis using cerebrospinal fluid from narcolepsy type 1 patients. <i>Sleep</i> , <b>2020</b> , 43,	1.1	4
42	Significance of functional disease-causal/susceptible variants identified by whole-genome analyses for the understanding of human diseases. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2017</b> , 93, 657-676	4	4
41	Increased expression and altered localization of cathepsin Z are associated with progression to jaundice stage in primary biliary cholangitis. <i>Scientific Reports</i> , <b>2018</b> , 8, 11808	4.9	4
40	Human lymphocytes obtained from decidual tissue express killer activatory receptors as well as killer inhibitory receptors: analysis using a single strand conformation polymorphism method. <i>American Journal of Reproductive Immunology</i> , <b>1998</b> , 39, 271-8	3.8	4
39	Novel single nucleotide polymorphisms (SNPs) at positions 497 (T/G) and 829 (T/C) in the human c-FOS gene and haplotype association. <i>Human Mutation</i> , <b>2000</b> , 16, 279	4.7	4
38	Computer simulation analysis suggests weak balancing selection operative at the MICA locus. <i>Hereditas</i> , <b>2000</b> , 133, 25-8	2.4	4
37	DNA-based typing of human platelet antigen systems by polymerase chain reaction-single-strand conformation polymorphism method. <i>Vox Sanguinis</i> , <b>1995</b> , 69, 347-51	3.1	4
36	Narcolepsy susceptibility gene CCR3 modulates sleep-wake patterns in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187888	3.7	4
35	Genome-Wide Association Study Reveals Host Genetic Factors for Liver Diseases. <i>Journal of Clinical and Translational Hepatology</i> , <b>2013</b> , 1, 45-50	5.2	4
34	HLA Class I Analysis Provides Insight Into the Genetic and Epigenetic Background of Immune Evasion in Colorectal Cancer With High Microsatellite Instability. <i>Gastroenterology</i> , <b>2021</b> ,	13.3	4
33	Epigenome-wide association study of narcolepsy-affected lateral hypothalamic brains, and overlapping DNA methylation profiles between narcolepsy and multiple sclerosis. <i>Sleep</i> , <b>2020</b> , 43,	1.1	4
32	The association of integration patterns of human papilloma virus and single nucleotide polymorphisms on immune- or DNA repair-related genes in cervical cancer patients. <i>Scientific Reports</i> , <b>2019</b> , 9, 13132	4.9	3
31	Identification of the novel HLA-DQB1 allele, HLA-DQB1*05:03:01:04, in a Japanese individual. <i>Hla</i> , <b>2019</b> , 94, 466-468	1.9	3

30	Lessons from Genome-Wide Search for Disease-Related Genes with Special Reference to HLA-Disease Associations. <i>Genes</i> , <b>2014</b> , 5, 84-96	4.2	3
29	Selecting a contingency table in a population-based association study: allele frequency or positivity?. <i>Journal of Human Genetics</i> , <b>1999</b> , 44, 246-8	4.3	3
28	An optimized genomic VCF workflow for precise identification of Mycobacterium tuberculosis cluster from cross-platform whole genome sequencing data. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 79, 104152	4.5	3
27	A variant at 9q34.11 is associated with HLA-DQB1*06:02-negative essential hypersomnia. <i>Journal of Human Genetics</i> , <b>2018</b> , 63, 1259-1267	4.3	3
26	Genome-wide haplotype association analysis of primary biliary cholangitis risk in Japanese. <i>Scientific Reports</i> , <b>2018</b> , 8, 7806	4.9	3
25	Polo-like kinase 4 and Stromal antigen 3 are not associated with recurrent pregnancy loss caused by embryonic aneuploidy. <i>Human Genome Variation</i> , <b>2020</b> , 7, 18	1.8	2
24	Detection of the novel HLA-A allele, HLA-A*02:01:01:58, in a Japanese individual. <i>Hla</i> , <b>2019</b> , 94, 435-436	1.9	2
23	Discovery of the novel HLA-B allele, HLA-B*51:01:01:36 in a Japanese individual. <i>Hla</i> , <b>2019</b> , 94, 445-447	1.9	2
22	Power of association test for detecting minor histocompatibility gene causing graft-versus-host disease following bone marrow transplantation [correction]. <i>Journal of Human Genetics</i> , <b>2003</b> , 48, 502-507	4.3	2
21	Strong linkage disequilibrium of a HbE variant with the (AT)9(T)5 repeat in the BP1 binding site upstream of the beta-globin gene in the Thai population. <i>Journal of Human Genetics</i> , <b>2005</b> , 50, 7-11	4.3	2
20	Sequence analysis of a serological subtype, LA-A9HH, observed in Japanese and the confirmatory sequence of A*2408.. <i>Major Histocompatibility Complex</i> , <b>1996</b> , 3, 9-14	0.1	2
19	HLA-DRB1 Polymorphism of Balopa Islanders in Papua New Guinea. <i>Anthropological Science</i> , <b>2003</b> , 111, 157-164	1.3	2
18	MEL1 at 1p36.3 Is Fused to Several Partner Genes Including HOXA9 Located at Different Chromosomal Bands from 3q21.3 in t(1;3)(p36.3;q21.3)-Leukemia.. <i>Blood</i> , <b>2007</b> , 110, 3499-3499	2.2	2
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15	CD14 and IL18 gene polymorphisms associated with colorectal cancer subsite risks among atomic bomb survivors. <i>Human Genome Variation</i> , <b>2015</b> , 2, 15035	1.8	1
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13	DNA typing of HLA A2, A26 and B61 alleles using the PCRMPH method.. <i>Major Histocompatibility Complex</i> , <b>1997</b> , 3, 205-212	0.1	1

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11	HLA-DRB1 alleles encoding the shared epitope associated with rheumatoid arthritis confer additional susceptibility to seronegative spondyloarthropathies in HLA-B27-positive Japanese individuals. <i>Japanese Journal of Rheumatology</i> , <b>1999</b> , 9, 55-64		1
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