

# Koichi K Matsuda

## List of Publications by Year in Descending Order

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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.

201  
papers

10,843  
citations

51  
h-index

99  
g-index

229  
ext. papers

14,731  
ext. citations

12.8  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
201	Genetic overlap analysis of endometriosis and asthma identifies shared loci implicating sex hormones and thyroid signalling pathways.. <i>Human Reproduction</i> , <b>2022</b> , 37, 366-383	5.7	2
200	A single-nucleotide-polymorphism in the 5Sflanking region of gene as a predictive marker candidate for platinum-based therapy of esophageal carcinoma.. <i>Therapeutic Advances in Medical Oncology</i> , <b>2022</b> , 14, 17588359221080580	5.4	
199	Decoding the diversity of killer immunoglobulin-like receptors by deep sequencing and a high-resolution imputation method. <i>Cell Genomics</i> , <b>2022</b> , 2, 100101		1
198	Leveraging fine-mapping and multipopulation training data to improve cross-population polygenic risk scores.. <i>Nature Genetics</i> , <b>2022</b> , 54, 450-458	36.3	3
197	Expansion of Cancer Risk Profile for BRCA1 and BRCA2 Pathogenic Variants.. <i>JAMA Oncology</i> , <b>2022</b> ,	13.4	1
196	Genetic susceptibility to hepatocellular carcinoma in chromosome 22q13.31, findings of a genome-wide association study.. <i>JGH Open</i> , <b>2021</b> , 5, 1363-1372	1.8	1
195	A deep learning method for HLA imputation and trans-ethnic MHC fine-mapping of type 1 diabetes. <i>Nature Communications</i> , <b>2021</b> , 12, 1639	17.4	15
194	Comprehensive molecular and clinicopathological profiling of desmoid tumours. <i>European Journal of Cancer</i> , <b>2021</b> , 145, 109-120	7.5	1
193	Leveraging supervised learning for functionally informed fine-mapping of cis-eQTLs identifies an additional 20,913 putative causal eQTLs. <i>Nature Communications</i> , <b>2021</b> , 12, 3394	17.4	9
192	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. <i>Nature Medicine</i> , <b>2021</b> , 27, 1012-1024	50.5	16
191	Combined landscape of single-nucleotide variants and copy number alterations in clonal hematopoiesis. <i>Nature Medicine</i> , <b>2021</b> , 27, 1239-1249	50.5	10
190	Collagen XVII inhibits breast cancer cell proliferation and growth through deactivation of the AKT/mTOR signaling pathway. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255179	3.7	2
189	Meta-analysis of 208370 East Asians identifies 113 susceptibility loci for systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 632-640	2.4	31
188	Genetic analysis of endometriosis and depression identifies shared loci and implicates causal links with gastric mucosa abnormality. <i>Human Genetics</i> , <b>2021</b> , 140, 529-552	6.3	8
187	Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. <i>EBioMedicine</i> , <b>2021</b> , 63, 103157	8.8	3
186	Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. <i>Nature Genetics</i> , <b>2021</b> , 53, 65-75	36.3	62
185	The simplified Kyoto classification score is consistent with the ABC method of classification as a grading system for endoscopic gastritis. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2021</b> , 68, 101-104 <sup>3.1</sup>		7

184	Genetic analyses of gynecological disease identify genetic relationships between uterine fibroids and endometrial cancer, and a novel endometrial cancer genetic risk region at the WNT4 1p36.12 locus. <i>Human Genetics</i> , <b>2021</b> , 140, 1353-1365	6.3	5
183	Intracellular Accumulation of IFN- $\alpha$ Induces ER Stress and Results in Anti-Cirrhotic but Pro-HCV Effects. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 692263	8.4	1
182	A cross-population atlas of genetic associations for 220 human phenotypes. <i>Nature Genetics</i> , <b>2021</b> , 53, 1415-1424	36.3	40
181	A genome-wide association study identifies a novel candidate locus at the DLGAP1 gene with susceptibility to resistant hypertension in the Japanese population. <i>Scientific Reports</i> , <b>2021</b> , 11, 19497	4.9	2
180	Trans-ethnic Mendelian-randomization study reveals causal relationships between cardiometabolic factors and chronic kidney disease. <i>International Journal of Epidemiology</i> , <b>2021</b> ,	7.8	1
179	A single nucleotide polymorphism in is associated with endoscopic grading in Kyoto classification of gastritis. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2021</b> , 68, 73-77	3.1	2
178	Population-based Screening for Hereditary Colorectal Cancer Variants in Japan. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> ,	6.9	3
177	Association of circulating 25-Hydroxyvitamin D and its related genetic variations with hepatocellular carcinoma incidence and survival. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 1080	3.2	1
176	Fine Mapping of the Major Histocompatibility Complex Region and Association of the HLA-B*52:01 Allele With Cervical Cancer in Japanese Women. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2023248	10.4	3
175	Transethnic Meta-Analysis of Genome-Wide Association Studies Identifies Three New Loci and Characterizes Population-Specific Differences for Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002670	5.2	9
174	Chromosomal alterations among age-related haematopoietic clones in Japan. <i>Nature</i> , <b>2020</b> , 584, 130-135	50.4	38
173	Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. <i>Nature Genetics</i> , <b>2020</b> , 52, 669-679	36.3	85
172	Identification of novel breast cancer susceptibility loci in meta-analyses conducted among Asian and European descendants. <i>Nature Communications</i> , <b>2020</b> , 11, 1217	17.4	16
171	Trans-biobank analysis with 676,000 individuals elucidates the association of polygenic risk scores of complex traits with human lifespan. <i>Nature Medicine</i> , <b>2020</b> , 26, 542-548	50.5	36
170	Genetic and phenotypic landscape of the mitochondrial genome in the Japanese population. <i>Communications Biology</i> , <b>2020</b> , 3, 104	6.7	9
169	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , <b>2020</b> , 11, 3175	17.4	14
168	GWAS of 165,084 Japanese individuals identified nine loci associated with dietary habits. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 308-316	12.8	28
167	Identification of a novel uterine leiomyoma GWAS locus in a Japanese population. <i>Scientific Reports</i> , <b>2020</b> , 10, 1197	4.9	6

166	Dimensionality reduction reveals fine-scale structure in the Japanese population with consequences for polygenic risk prediction. <i>Nature Communications</i> , <b>2020</b> , 11, 1569	17.4	22
165	Prevalence and Spectrum of Pathogenic Germline Variants in Japanese Patients With Early-Onset Colorectal, Breast, and Prostate Cancer.. <i>JCO Precision Oncology</i> , <b>2020</b> , 4, 183-191	3.6	4
164	Claudin-2 deficiency associates with hypercalciuria in mice and human kidney stone disease. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 1948-1960	15.9	26
163	Endoscopy-based Kyoto classification score of gastritis related to pathological topography of neutrophil activity. <i>World Journal of Gastroenterology</i> , <b>2020</b> , 26, 5146-5155	5.6	7
162	Genome-Wide Natural Selection Signatures Are Linked to Genetic Risk of Modern Phenotypes in the Japanese Population. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 1306-1316	8.3	6
161	GWAS of five gynecologic diseases and cross-trait analysis in Japanese. <i>European Journal of Human Genetics</i> , <b>2020</b> , 28, 95-107	5.3	15
160	Identification of Novel Loci and New Risk Variant in Known Loci for Colorectal Cancer Risk in East Asians. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 477-486	4	4
159	Genetic characterization of pancreatic cancer patients and prediction of carrier status of germline pathogenic variants in cancer-predisposing genes. <i>EBioMedicine</i> , <b>2020</b> , 60, 103033	8.8	10
158	The Polygenic and Monogenic Basis of Blood Traits and Diseases. <i>Cell</i> , <b>2020</b> , 182, 1214-1231.e11	56.2	96
157	Population-specific and trans-ancestry genome-wide analyses identify distinct and shared genetic risk loci for coronary artery disease. <i>Nature Genetics</i> , <b>2020</b> , 52, 1169-1177	36.3	51
156	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , <b>2020</b> , 52, 1303-1313	36.3	43
155	Improving the trans-ancestry portability of polygenic risk scores by prioritizing variants in predicted cell-type-specific regulatory elements. <i>Nature Genetics</i> , <b>2020</b> , 52, 1346-1354	36.3	37
154	Endogenization and excision of human herpesvirus 6 in human genomes. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008815	8	8
153	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. <i>Cell</i> , <b>2020</b> , 182, 1198-1213.e14	56.2	88
152	Germline Pathogenic Variants in 7636 Japanese Patients With Prostate Cancer and 12366 Controls. <i>Journal of the National Cancer Institute</i> , <b>2020</b> , 112, 369-376	9.7	33
151	Functional variants in ADH1B and ALDH2 are non-additively associated with all-cause mortality in Japanese population. <i>European Journal of Human Genetics</i> , <b>2020</b> , 28, 378-382	5.3	7
150	12 new susceptibility loci for prostate cancer identified by genome-wide association study in Japanese population. <i>Nature Communications</i> , <b>2019</b> , 10, 4422	17.4	27
149	Characterizing rare and low-frequency height-associated variants in the Japanese population. <i>Nature Communications</i> , <b>2019</b> , 10, 4393	17.4	51

148	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , <b>2019</b> , 51, 1459-1474	36.3	122
147	Genetic and phenotypic landscape of the major histocompatibility complex region in the Japanese population. <i>Nature Genetics</i> , <b>2019</b> , 51, 470-480	36.3	45
146	Identification of rare coding variants in protective for rheumatoid arthritis in the Japanese population and their effects on cytokine signalling. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 1062-1069	2.4	7
145	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
144	Massively parallel sequencing of tenosynovial giant cell tumors reveals novel CSF1 fusion transcripts and novel somatic CBL mutations. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 3276-3284	7.5	9
143	INKA2, a novel p53 target that interacts with the serine/threonine kinase PAK4. <i>International Journal of Oncology</i> , <b>2019</b> , 54, 1907-1920	4.4	2
142	Novel Risk Loci Identified in a Genome-Wide Association Study of Urolithiasis in a Japanese Population. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 855-864	12.7	16
141	GWAS of smoking behaviour in 165,436 Japanese people reveals seven new loci and shared genetic architecture. <i>Nature Human Behaviour</i> , <b>2019</b> , 3, 471-477	12.8	25
140	A Polymorphic Variant in p19 Confers Resistance to Chemically Induced Skin Tumors by Activating the p53 Pathway. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 1459-1469	4.3	1
139	Genome-wide meta-analysis identifies multiple novel loci associated with serum uric acid levels in Japanese individuals. <i>Communications Biology</i> , <b>2019</b> , 2, 115	6.7	42
138	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 2615-2633	5.6	14
137	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , <b>2019</b> , 111, 146-157	9.7	67
136	GWAS of mosaic loss of chromosome Y highlights genetic effects on blood cell differentiation. <i>Nature Communications</i> , <b>2019</b> , 10, 4719	17.4	18
135	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
134	Antitumor immunity augments the therapeutic effects of p53 activation on acute myeloid leukemia. <i>Nature Communications</i> , <b>2019</b> , 10, 4869	17.4	15
133	The Association of Single Nucleotide Polymorphisms with Cancer Risk <b>2019</b> , 87-144		
132	Single Nucleotide Polymorphisms of HAAO and IRX6 Genes as Risk Factors for Hypospadias. <i>Journal of Urology</i> , <b>2019</b> , 201, 386-392	2.5	7
131	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , <b>2019</b> , 51, 379-386	36.3	83

130	Large-Scale Genome-Wide Association Study of East Asians Identifies Loci Associated With Risk for Colorectal Cancer. <i>Gastroenterology</i> , <b>2019</b> , 156, 1455-1466	13.3	55
129	Genetic variants of calcium and vitamin D metabolism in kidney stone disease. <i>Nature Communications</i> , <b>2019</b> , 10, 5175	17.4	27
128	Integrated exome and RNA sequencing of dedifferentiated liposarcoma. <i>Nature Communications</i> , <b>2019</b> , 10, 5683	17.4	26
127	Identification of two novel breast cancer loci through large-scale genome-wide association study in the Japanese population. <i>Scientific Reports</i> , <b>2019</b> , 9, 17332	4.9	5
126	Clinical and molecular characteristics of fusion-positive B-cell precursor acute lymphoblastic leukemia in childhood, including a novel translocation resulting in gene fusion. <i>Haematologica</i> , <b>2019</b> , 104, 128-137	6.6	35
125	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , <b>2019</b> , 10, 29	17.4	51
124	GWAS identifies two novel colorectal cancer loci at 16q24.1 and 20q13.12. <i>Carcinogenesis</i> , <b>2018</b> , 39, 652-660	4.6	32
123	Deep whole-genome sequencing reveals recent selection signatures linked to evolution and disease risk of Japanese. <i>Nature Communications</i> , <b>2018</b> , 9, 1631	17.4	84
122	Genetic analysis of quantitative traits in the Japanese population links cell types to complex human diseases. <i>Nature Genetics</i> , <b>2018</b> , 50, 390-400	36.3	325
121	Citrullination of RGG Motifs in FET Proteins by PAD4 Regulates Protein Aggregation and ALS Susceptibility. <i>Cell Reports</i> , <b>2018</b> , 22, 1473-1483	10.6	57
120	The p53 activator overcomes resistance to ALK inhibitors by regulating p53-target selectivity in ALK-driven neuroblastomas. <i>Cell Death Discovery</i> , <b>2018</b> , 4, 56	6.9	10
119	Decrease in expression caused by infection may promote progression to severe gastritis. <i>Oncotarget</i> , <b>2018</b> , 9, 3936-3945	3.3	18
118	Genome-wide association study (GWAS) of ovarian cancer in Japanese predicted regulatory variants in 22q13.1. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209096	3.7	5
117	Genome-wide association study identifies gastric cancer susceptibility loci at 12q24.11-12 and 20q11.21. <i>Cancer Science</i> , <b>2018</b> , 109, 4015-4024	6.9	22
116	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , <b>2018</b> , 9, 5052	17.4	29
115	Germline pathogenic variants of 11 breast cancer genes in 7,051 Japanese patients and 11,241 controls. <i>Nature Communications</i> , <b>2018</b> , 9, 4083	17.4	99
114	Elucidating the genetic architecture of reproductive ageing in the Japanese population. <i>Nature Communications</i> , <b>2018</b> , 9, 1977	17.4	28
113	Risk prediction models for mortality in patients with cardiovascular disease: The BioBank Japan project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S71-S76	3.4	10

112	EPSIN 3, A Novel p53 Target, Regulates the Apoptotic Pathway and Gastric Carcinogenesis. <i>Neoplasia</i> , <b>2017</b> , 19, 185-195	6.4	6
111	GALNT6 Stabilizes GRP78 Protein by O-glycosylation and Enhances its Activity to Suppress Apoptosis Under Stress Condition. <i>Neoplasia</i> , <b>2017</b> , 19, 43-53	6.4	19
110	Characteristics and prognosis of Japanese colorectal cancer patients: The BioBank Japan Project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S36-S42	3.4	27
109	Characteristics of patients with liver cancer in the BioBank Japan project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S43-S48	3.4	12
108	Survival of macrovascular disease, chronic kidney disease, chronic respiratory disease, cancer and smoking in patients with type 2 diabetes: BioBank Japan cohort. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S98-S106	3.4	16
107	Statin use and all-cause and cancer mortality: BioBank Japan cohort. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S84-S91	3.4	19
106	Characteristics and prognosis of Japanese female breast cancer patients: The BioBank Japan project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S58-S64	3.4	19
105	Demographic and lifestyle factors and survival among patients with esophageal and gastric cancer: The Biobank Japan Project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S29-S35	3.4	22
104	Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S9-S21	3.4	85
103	Argininosuccinate synthase 1 is an intrinsic Akt repressor transactivated by p53. <i>Science Advances</i> , <b>2017</b> , 3, e1603204	14.3	29
102	The Transcriptional Landscape of p53 Signalling Pathway. <i>EBioMedicine</i> , <b>2017</b> , 20, 109-119	8.8	30
101	Meta-analysis identifies five novel loci associated with endometriosis highlighting key genes involved in hormone metabolism. <i>Nature Communications</i> , <b>2017</b> , 8, 15539	17.4	151
100	Overview of the BioBank Japan Project: Study design and profile. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S2-S84	3.4	239
99	Overview of BioBank Japan follow-up data in 32 diseases. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S22-S28	3.4	41
98	Cholesterol levels of Japanese dyslipidaemic patients with various comorbidities: BioBank Japan. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S77-S83	3.4	2
97	Clinical and histopathological characteristics of patients with prostate cancer in the BioBank Japan project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S65-S70	3.4	7
96	Characteristics and prognosis of Japanese male and female lung cancer patients: The BioBank Japan Project. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S49-S57	3.4	12
95	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. <i>American Journal of Human Genetics</i> , <b>2017</b> , 100, 51-63	11	30



94	Regulation of tubular recycling endosome biogenesis by the p53-MICALL1 pathway. <i>International Journal of Oncology</i> , <b>2017</b> , 51, 724-736	4.4	4
93	Identification of a p53 target, CD137L, that mediates growth suppression and immune response of osteosarcoma cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 10739	4.9	3
92	Genome-wide association study identifies 112 new loci for body mass index in the Japanese population. <i>Nature Genetics</i> , <b>2017</b> , 49, 1458-1467	36.3	214
91	Serum glucose, cholesterol and blood pressure levels in Japanese type 1 and 2 diabetic patients: BioBank Japan. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S92-S97	3.4	8
90	Identification of a novel p53 target, COL17A1, that inhibits breast cancer cell migration and invasion. <i>Oncotarget</i> , <b>2017</b> , 8, 55790-55803	3.3	22
89	Identification of a p53-repressed gene module in breast cancer cells. <i>Oncotarget</i> , <b>2017</b> , 8, 55821-55836	3.3	5
88	Regulation of myo-inositol biosynthesis by p53-ISYNA1 pathway. <i>International Journal of Oncology</i> , <b>2016</b> , 48, 2415-24	4.4	28
87	Genome-wide association study in East Asians identifies two novel breast cancer susceptibility loci. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 3361-3371	5.6	22
86	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. <i>Gastroenterology</i> , <b>2016</b> , 150, 1633-1645	13.3	64
85	Adjustment of Cell-Type Composition Minimizes Systematic Bias in Blood DNA Methylation Profiles Derived by DNA Collection Protocols. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147519	3.7	17
84	Association Study of a Functional Variant on ABCG2 Gene with Sunitinib-Induced Severe Adverse Drug Reaction. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148177	3.7	34
83	Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 636-646	11	44
82	Genetic risk score based on the prevalence of vertebral fracture in Japanese women with osteoporosis. <i>Bone Reports</i> , <b>2016</b> , 5, 168-172	2.6	8
81	Contribution of a Non-classical HLA Gene, HLA-DOA, to the Risk of Rheumatoid Arthritis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 366-74	11	51
80	Cystatin C as a p53-inducible apoptotic mediator that regulates cathepsin L activity. <i>Cancer Science</i> , <b>2016</b> , 107, 298-306	6.9	31
79	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-463	30.4	119
78	Large-scale association analysis in Asians identifies new susceptibility loci for prostate cancer. <i>Nature Communications</i> , <b>2015</b> , 6, 8469	17.4	37
77	Genome-wide association study identified SNP on 15q24 associated with bladder cancer risk in Japanese population. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 1177-84	5.6	29



76	Regulation of iron homeostasis by the p53-ISCU pathway. <i>Scientific Reports</i> , <b>2015</b> , 5, 16497	4.9	48
75	Influence of Genetic Variants in EGF and Other Genes on Hematological Traits in Korean Populations by a Genome-Wide Approach. <i>BioMed Research International</i> , <b>2015</b> , 2015, 914965	3	5
74	Construction of a population-specific HLA imputation reference panel and its application to GravesS disease risk in Japanese. <i>Nature Genetics</i> , <b>2015</b> , 47, 798-802	36.3	92
73	Identification of novel epigenetically inactivated gene PAMR1 in breast carcinoma. <i>Oncology Reports</i> , <b>2015</b> , 33, 267-73	3.5	18
72	A genome-wide association study identifies PLCL2 and AP3D1-DOT1L-SF3A2 as new susceptibility loci for myocardial infarction in Japanese. <i>European Journal of Human Genetics</i> , <b>2015</b> , 23, 374-80	5.3	39
71	Genome-wide association study identifies a new SMAD7 risk variant associated with colorectal cancer risk in East Asians. <i>International Journal of Cancer</i> , <b>2014</b> , 135, 948-55	7.5	49
70	Large-scale genetic study in East Asians identifies six new loci associated with colorectal cancer risk. <i>Nature Genetics</i> , <b>2014</b> , 46, 533-42	36.3	175
69	Genome-wide association analysis in East Asians identifies breast cancer susceptibility loci at 1q32.1, 5q14.3 and 15q26.1. <i>Nature Genetics</i> , <b>2014</b> , 46, 886-90	36.3	110
68	Trans-ethnic meta-analysis of white blood cell phenotypes. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6944-605.6	45	
67	Identification of a nuclear protein, LRRC42, involved in lung carcinogenesis. <i>International Journal of Oncology</i> , <b>2014</b> , 45, 147-56	4.4	6
66	Antitumor activity and induction of TP53-dependent apoptosis toward ovarian clear cell adenocarcinoma by the dual PI3K/mTOR inhibitor DS-7423. <i>PLoS ONE</i> , <b>2014</b> , 9, e87220	3.7	36
65	Quantitative T cell repertoire analysis by deep cDNA sequencing of T cell receptor $\alpha$ and $\beta$ chains using next-generation sequencing (NGS). <i>Oncolmmunology</i> , <b>2014</b> , 3, e968467	7.2	56
64	Late Cornified Envelope Group I, a novel target of p53, regulates PRMT5 activity. <i>Neoplasia</i> , <b>2014</b> , 16, 656-64	6.4	12
63	Downregulation of the tumor suppressor HSPB7, involved in the p53 pathway, in renal cell carcinoma by hypermethylation. <i>International Journal of Oncology</i> , <b>2014</b> , 44, 1490-8	4.4	18
62	A rare polymorphic variant of NBS1 reduces DNA repair activity and elevates chromosomal instability. <i>Cancer Research</i> , <b>2014</b> , 74, 3707-15	10.1	5
61	A replication study for three nephrolithiasis loci at 5q35.3, 7p14.3 and 13q14.1 in the Japanese population. <i>Journal of Human Genetics</i> , <b>2013</b> , 58, 588-93	4.3	23
60	A genome-wide association study of HCV-induced liver cirrhosis in the Japanese population identifies novel susceptibility loci at the MHC region. <i>Journal of Hepatology</i> , <b>2013</b> , 58, 875-82	13.4	50
59	Impact of polymorphisms in drug pathway genes on disease-free survival in adults with acute myeloid leukemia. <i>Journal of Human Genetics</i> , <b>2013</b> , 58, 353-61	4.3	32

58	The histone methyltransferase Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1) is involved in human carcinogenesis. <i>Genes Chromosomes and Cancer</i> , <b>2013</b> , 52, 126-39	5	45
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56	Germline variants and advanced colorectal adenomas: adenoma prevention with celecoxib trial genome-wide association study. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 6430-7	12.9	7
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54	Impact of PSCA variation on gastric ulcer susceptibility. <i>PLoS ONE</i> , <b>2013</b> , 8, e63698	3.7	10
53	Identification of a functional variant in the MICA promoter which regulates MICA expression and increases HCV-related hepatocellular carcinoma risk. <i>PLoS ONE</i> , <b>2013</b> , 8, e61279	3.7	47
52	Genome wide association study of age at menarche in the Japanese population. <i>PLoS ONE</i> , <b>2013</b> , 8, e63821	3.7	20
51	Common variation near CDKN1A, POLD3 and SHROOM2 influences colorectal cancer risk. <i>Nature Genetics</i> , <b>2012</b> , 44, 770-6	36.3	184
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43	A genome-wide association study identified AFF1 as a susceptibility locus for systemic lupus erythematosus in Japanese. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002455	6	89
42	A genome-wide association study of nephrolithiasis in the Japanese population identifies novel susceptible Loci at 5q35.3, 7p14.3, and 13q14.1. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002541	6	54
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38	Genome-wide association study for C-reactive protein levels identified pleiotropic associations in the IL6 locus. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 1224-31	5.6	68
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36	Large-scale genome-wide association studies in East Asians identify new genetic loci influencing metabolic traits. <i>Nature Genetics</i> , <b>2011</b> , 43, 990-5	36.3	229
35	Genome-wide association study identifies a susceptibility locus for HCV-induced hepatocellular carcinoma. <i>Nature Genetics</i> , <b>2011</b> , 43, 455-8	36.3	296
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28	A genome-wide association study in 19 633 Japanese subjects identified LHX3-QSOX2 and IGF1 as adult height loci. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 2303-12	5.6	91
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9	Meta-analysis of 208,370 East Asians identifies 113 genomic loci and yields new non-immune cell relevant biological insights for systemic lupus erythematosus		1
8	Large scale genome-wide association study in a Japanese population identified 45 novel susceptibility loci for 22 diseases		2
7	The Polygenic and Monogenic Basis of Blood Traits and Diseases		3
6	In silico integration of thousands of epigenetic datasets into 707 cell type regulatory annotations improves the trans-ethnic portability of polygenic risk scores		1
5	Population-wide Screening for Germline Variants of Hereditary Cancer Genes in 12K Unselected Japanese Colorectal Cancers and 27K Controls		1

4	A multi-task convolutional deep learning method for HLA allelic imputation and its application to trans-ethnic MHC fine-mapping of type 1 diabetes	2
3	Trans-ethnic Mendelian randomization study reveals causal relationships between cardio-metabolic factors and chronic kidney disease	1
2	A global atlas of genetic associations of 220 deep phenotypes	14
1	Insights from complex trait fine-mapping across diverse populations	5