

# Makoto Hirata

## 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.

64  
papers

2,466  
citations

27  
h-index

49  
g-index

69  
ext. papers

3,818  
ext. citations

10.8  
avg, IF

4.29  
L-index

#	Paper	IF	Citations
64	Imaging characteristics of NTRK-rearranged spindle cell neoplasm of the soft tissue: A case report.. <i>Journal of Orthopaedic Science</i> , <b>2022</b> ,	1.6	1
63	Expansion of Cancer Risk Profile for BRCA1 and BRCA2 Pathogenic Variants.. <i>JAMA Oncology</i> , <b>2022</b> ,	13.4	1
62	Comprehensive molecular and clinicopathological profiling of desmoid tumours. <i>European Journal of Cancer</i> , <b>2021</b> , 145, 109-120	7.5	1
61	Cause-specific mortality rates in patients with diabetes according to comorbid macro- and microvascular complications: BioBank Japan Cohort. <i>Endocrinology, Diabetes and Metabolism</i> , <b>2021</b> , 4, e00181	2.7	1
60	Cancer-associated IDH mutations induce Glut1 expression and glucose metabolic disorders through a PI3K/Akt/mTORC1-Hif1 $\beta$ axis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257090	3.7	1
59	All-cause and cardiovascular disease mortality in underweight patients with diabetic nephropathy: BioBank Japan cohort. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 1425-1429	3.9	0
58	Population-based Screening for Hereditary Colorectal Cancer Variants in Japan. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> ,	6.9	3
57	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
56	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
55	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
54	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
53	Identification of a novel uterine leiomyoma GWAS locus in a Japanese population. <i>Scientific Reports</i> , <b>2020</b> , 10, 1197	4.9	6
52	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
51	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
50	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
49	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
48	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

47	Characterizing rare and low-frequency height-associated variants in the Japanese population. <i>Nature Communications</i> , <b>2019</b> , 10, 4393	17.4	51
46	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
45	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1033-1054	3.8	39
44	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
43	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
42	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
41	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , <b>2019</b> , 51, 636-648	36.3	59
40	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
39	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957	17.4	40
38	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
37	Integrated exome and RNA sequencing of dedifferentiated liposarcoma. <i>Nature Communications</i> , <b>2019</b> , 10, 5683	17.4	26
36	Frequent mutations of genes encoding vacuolar H <sup>+</sup> -ATPase components in granular cell tumors. <i>Genes Chromosomes and Cancer</i> , <b>2019</b> , 58, 373-380	5	11
35	Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. <i>Circulation</i> , <b>2019</b> , 139, 295-298	16.7	37
34	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1486-1496	5.6	72
33	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
32	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , <b>2018</b> , 102, 375-400	11	59
31	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198166	3.7	31
30	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

29	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
28	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
27	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
26	Elucidating the genetic architecture of reproductive ageing in the Japanese population. <i>Nature Communications</i> , <b>2018</b> , 9, 1977	17.4	28
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	Argininosuccinate synthase 1 is an intrinsic Akt repressor transactivated by p53. <i>Science Advances</i> , <b>2017</b> , 3, e1603204	14.3	29
16	Overview of the BioBank Japan Project: Study design and profile. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S2-S84	3.4	239
15	Overview of BioBank Japan follow-up data in 32 diseases. <i>Journal of Epidemiology</i> , <b>2017</b> , 27, S22-S28	3.4	41
14	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
13	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
12	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

11	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
10	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
9	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
8	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
7	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
6	Biphasic regulation of chondrocytes by Rela through induction of anti-apoptotic and catabolic target genes. <i>Nature Communications</i> , <b>2016</b> , 7, 13336	17.4	52
5	SOX10 transactivates S100B to suppress Schwann cell proliferation and to promote myelination. <i>PLoS ONE</i> , <b>2014</b> , 9, e115400	3.7	21
4	C/EBP $\beta$ and RUNX2 cooperate to degrade cartilage with MMP-13 as the target and HIF-2 $\beta$ as the inducer in chondrocytes. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 1111-23	5.6	107
3	C/EBP $\beta$ Promotes transition from proliferation to hypertrophic differentiation of chondrocytes through transactivation of p57. <i>PLoS ONE</i> , <b>2009</b> , 4, e4543	3.7	69
2	Large scale genome-wide association study in a Japanese population identified 45 novel susceptibility loci for 22 diseases		2
1	Population-wide Screening for Germline Variants of Hereditary Cancer Genes in 12K Unselected Japanese Colorectal Cancers and 27K Controls		1