Fumihiko Matsuda

List of Publications by Year
in descending order

87 papers	6,245 citations	126907 33 h-index	71685 76 g-index
90 all docs	90 docs citations	90 times ranked	11995 citing authors

#	Article	IF	Citations
1	Association Between Tooth Loss and Longitudinal Changes in B-Type Natriuretic Peptide Over 5 Years in Postmenopausal Women: The Nagahama Study. Current Problems in Cardiology, 2022, 47, 100997.	2.4	1
2	Deep convolutional neural network-based algorithm for muscle biopsy diagnosis. Laboratory Investigation, 2022, 102, 220-226.	3.7	6
3	Differences between subjective and objective sleep duration according to actual sleep duration and sleep-disordered breathing: the Nagahama Study. Journal of Clinical Sleep Medicine, 2022, 18, 851-859.	2.6	7
4	Cohort Profile: The Nagahama Prospective Genome Cohort for Comprehensive Human Bioscience (The) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	6
5	Ultrasonographic Changes of the Knee Joint Reflect Symptoms of Early Knee Osteoarthritis in General Population; The Nagahama Study. Cartilage, 2022, 13, 194760352210774.	2.7	4
6	Metabolic syndrome and comorbidities in patients with psoriasis: a community-based case-control study from the Nagahama cohort in Japan. European Journal of Dermatology, 2022, 32, 86-93.	0.6	1
7	Genome-wide association study of individual differences of human lymphocyte profiles using large-scale cytometry data. Journal of Human Genetics, 2021, 66, 557-567.	2.3	9
8	Extracellular-to-intracellular water ratios are associated with functional disability levels in patients with knee osteoarthritis: results from the Nagahama Study. Clinical Rheumatology, 2021, 40, 2889-2896.	2.2	12
9	Gastroesophageal reflux disease is a risk factor for sputum production in the general population: the Nagahama study. Respiratory Research, 2021, 22, 6.	3.6	3
10	Impact of sleep-disordered breathing on glucose metabolism among individuals with a family history of diabetes: the Nagahama study. Journal of Clinical Sleep Medicine, 2021, 17, 129-140.	2.6	1
11	Coexistence of low back pain and lumbar kyphosis is associated with increased functional disability in knee osteoarthritis: the Nagahama Study. Arthritis Care and Research, 2021, , .	3.4	1
12	Genome wide association study of HTLV-1â€“associated myelopathy/tropical spastic paraparesis in the Japanese population. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
13	Ageâ€related changes in gait speeds and asymmetry during circular gait and straightâ€line gait in older individuals aged 60â€“79â€‰years. Geriatrics and Gerontology International, 2021, 21, 404-410.	1.5	7
14	Markers of cardiovascular disease risk in sleep-disordered breathing with or without comorbidities: the Nagahama Study. Journal of Clinical Sleep Medicine, 2021, 17, 2467-2475.	2.6	1
15	Population dynamics in the Japanese Archipelago since the Pleistocene revealed by the complete mitochondrial genome sequences. Scientific Reports, 2021, 11, 12018.	3.3	10
16	Prevalence and physical characteristics of locomotive syndrome stages as classified by the new criteria 2020 in older Japanese people: results from the Nagahama study. BMC Geriatrics, 2021, 21, 489.	2.7	27
17	B cell-derived GABA elicits IL-10+ macrophages toÂlimit anti-tumour immunity. Nature, 2021, 599, 471-476.	27.8	145
18	Legacy Data Confound Genomics Studies. Molecular Biology and Evolution, 2020, 37, 2-10.	8.9	23

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19	Relationship of low muscle mass and obesity with physical function in community dwelling older adults: Results from the Nagahama study. Archives of Gerontology and Geriatrics, 2020, 88, 103987.	3.0	7
20	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. Nature Communications, 2020, 11, 3175.	12.8	34
21	A Geometry-Based Multiple Testing Correction for Contingency Tables by Truncated Normal Distribution. Statistics in Biosciences, 2020, 12, 63-77.	1.2	0
22	Correlates of autonomic nervous system function in a general population with special reference to HbA1c: The Nagahama study. Diabetes Research and Clinical Practice, 2020, 163, 108126.	2.8	4
23	High-Definition Genomic Analysis of HLA Genes Via Comprehensive HLA Allele Genotyping. Methods in Molecular Biology, 2020, 2131, 31-38.	0.9	5
24	Longitudinal Analysis of Bidirectional Relationships between Nocturia and Depressive Symptoms: The Nagahama Study. Journal of Urology, 2020, 203, 984-990.	0.4	12
25	Digenic mutations in ALDH2 and ADH5 impair formaldehyde clearance and cause a multisystem disorder, AMeD syndrome. Science Advances, 2020, 6, .	10.3	39
26	Combination of host immune metabolic biomarkers for the PD-1 blockade cancer immunotherapy. JCI Insight, 2020, 5, .	5.0	58
27	Descriptive epidemiology of high frequency component based on heart rate variability from 10-second ECG data and daily physical activity among community adult residents: the Nagahama Study. BioScience Trends, 2020, 14, 241-247.	3.4	0
28	National platform for Rare Diseases Data Registry of Japan. Learning Health Systems, 2019, 3, e10080.	2.0	5
29	IgG4-related disease in the Japanese population: a genome-wide association study. Lancet Rheumatology, The, 2019, 1, e14-e22.	3.9	37
30	Genetic basis for plasma amino acid concentrations based on absolute quantification: a genome-wide association study in the Japanese population. European Journal of Human Genetics, 2019, 27, 621-630.	2.8	16
31	GWAS analysis reveals a significant contribution of PSCA to the risk of Heliobacter pylori-induced gastric atrophy. Carcinogenesis, 2019, 40, 661-668.	2.8	13
32	Establishment of a Comprehensive Information Infrastructure and a Support Organization for Rare Disease Research in Japan (RADDAR-J). Studies in Health Technology and Informatics, 2019, 264, 1080-1083.	0.3	0
33	HLA-DRB1 Analysis Identified a Genetically Unique Subset within Rheumatoid Arthritis and Distinct Genetic Background of Rheumatoid Factor Levels from Anticyclic Citrullinated Peptide Antibodies. Journal of Rheumatology, 2018, 45, 470-480.	2.0	6
34	Prevalence of Cardiovascular Disease and Its Risk Factors in Primary Aldosteronism. Hypertension, 2018, 71, 530-537.	2.7	144
35	Whole-exome sequencing in a Japanese family with highly aggregated diabetes identifies a candidate susceptibility mutation in ADAMTSL3. Diabetes Research and Clinical Practice, 2018, 135, 143-149.	2.8	7
36	Prediction model for pancreatic cancer risk in the general Japanese population. PLoS ONE, 2018, 13, e0203386.	2.5	25

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37	Impact of sleep characteristics and obesity on diabetes and hypertension across genders and menopausal status: the Nagahama study. Sleep, 2018, 41, .	1.1	48
38	Validation of genotype imputation in Southeast Asian populations and the effect of single nucleotide polymorphism annotation on imputation outcome. BMC Medical Genetics, 2018, 19, 23.	2.1	6
39	Comprehensive HLA Typing from aÂCurrent Allele Database Using Next-Generation Sequencing Data. Methods in Molecular Biology, 2018, 1802, 225-233.	0.9	5
40	Genomewide Association Study of Leisure-Time Exercise Behavior in Japanese Adults. Medicine and Science in Sports and Exercise, 2018, 50, 2433-2441.	0.4	36
41	Accurate diagnosis of mismatch repair deficiency in colorectal cancer using high-quality DNA samples from cultured stem cells. Oncotarget, 2018, 9, 37534-37548.	1.8	3
42	Mitochondrial activation chemicals synergize with surface receptor PD-1 blockade for T cell-dependent antitumor activity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E761-E770.	7.1	295
43	Staphylococcus aureus enterotoxin sensitization involvement and its association with the CysLTR1 variant in different asthma phenotypes. Annals of Allergy, Asthma and Immunology, 2017, 118, 197-203.	1.0	10
44	HLAâ€HD: An accurate HLA typing algorithm for nextâ€generation sequencing data. Human Mutation, 2017, 38, 788-797.	2.5	158
45	Prognostic Significance of Spot Urine Na/K for Longitudinal Changes in Blood Pressure and Renal Function: The Nagahama Study. American Journal of Hypertension, 2017, 30, 899-906.	2.0	17
46	Genetic landscape of interactive effects ofHLA-DRB1alleles on susceptibility to ACPA(+) rheumatoid arthritis and ACPA levels in Japanese population. Journal of Medical Genetics, 2017, 54, 853-858.	3.2	3
47	Metabolic shift induced by systemic activation of T cells in PD-1-deficient mice perturbs brain monoamines and emotional behavior. Nature Immunology, 2017, 18, 1342-1352.	14.5	83
48	Exome Sequencing Landscape Analysis in Ovarian Clear Cell Carcinoma Shed Light on Key Chromosomal Regions and Mutation Gene Networks. American Journal of Pathology, 2017, 187, 2246-2258.	3.8	104
49	Genotype Analyses in the Japanese and Belarusian Populations Reveal Independent Effects of rs965513 and rs1867277 but Do Not Support the Role of FOXE1 Polyalanine Tract Length in Conferring Risk for Papillary Thyroid Carcinoma. Thyroid, 2017, 27, 224-235.	4.5	18
50	Combined association of clinical and lifestyle factors with non-restorative sleep: The Nagahama Study. PLoS ONE, 2017, 12, e0171849.	2.5	24
51	A novel susceptibility locus in the IL12B region is associated with the pathophysiology of Takayasu arteritis through IL-12p40 and IL-12p70 production. Arthritis Research and Therapy, 2017, 19, 197.	3.5	29
52	A human PSMB11 variant affects thymoproteasome processing and CD8+ T cell production. JCI Insight, 2017, 2, .	5.0	6
53	Contribution of a Non-classical HLA Gene, HLA-DOA, to the Risk of Rheumatoid Arthritis. American Journal of Human Genetics, 2016, 99, 366-374.	6.2	68
54	Human genetic variation database, a reference database of genetic variations in the Japanese population. Journal of Human Genetics, 2016, 61, 547-553.	2.3	270

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55	Association of variations in HLA class II and other loci with susceptibility to EGFR-mutated lung adenocarcinoma. Nature Communications, 2016, 7, 12451.	12.8	49
56	Liveâ€born diploid fetus complicated with partial molar pregnancy presenting with preâ€eclampsia, maternal anemia, and seemingly huge placenta: A rare case of confined placental mosaicism and literature review. Journal of Obstetrics and Gynaecology Research, 2016, 42, 911-917.	1.3	21
57	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. Gastroenterology, 2016, 150, 1633-1645.	1.3	97
58	Hematopoietic Stem Cell Infected with HTLV-1 Functions As a Viral Reservoir In Vivo. Blood, 2016, 128, 1343-1343.	1.4	4
59	The Association Between L-Asparaginase Hypersensitivity and Genetic Variants in Japanese Childhood ALL Patients. Blood, 2016, 128, 5141-5141.	1.4	1
60	Comprehensive assessment of the expression of the SWI/SNF complex defines two distinct prognostic subtypes of ovarian clear cell carcinoma. Oncotarget, 2016, 7, 54758-54770.	1.8	25
61	Rheumatoid Factor Is Associated With the Distribution of Hand Joint Destruction in Rheumatoid Arthritis. Arthritis and Rheumatology, 2015, 67, 3113-3123.	5.6	25
62	Knee Pain and Low Back Pain Additively Disturb Sleep in the General Population: A Cross-Sectional Analysis of the Nagahama Study. PLoS ONE, 2015, 10, e0140058.	2.5	20
63	The Common Genetic Variant rs944289 on Chromosome 14q13.3 Associates with Risk of Both Malignant and Benign Thyroid Tumors in the Japanese Population. Thyroid, 2015, 25, 333-340.	4.5	36
64	Anti-citrullinated peptide/protein antibody (ACPA)-negative RA shares a large proportion of susceptibility loci with ACPA-positive RA: a meta-analysis of genome-wide association study in a Japanese population. Arthritis Research and Therapy, 2015, 17, 104.	3.5	23
65	Identification of lung cancer histology-specific variants applying Bayesian framework variant prioritization approaches within the TRICL and ILCCO consortia. Carcinogenesis, 2015, 36, 1314-1326.	2.8	15
66	Integrated molecular analysis of adult T cell leukemia/lymphoma. Nature Genetics, 2015, 47, 1304-1315.	21.4	659
67	Genetic Susceptibility Loci for Childhood Acute Lymphoblastic Leukemia Among Japanese. Blood, 2015, 126, 3731-3731.	1.4	0
68	Large-scale genetic study in East Asians identifies six new loci associated with colorectal cancer risk. Nature Genetics, 2014, 46, 533-542.	21.4	212
69	Caspase-mediated cleavage of phospholipid flippase for apoptotic phosphatidylserine exposure. Science, 2014, 344, 1164-1168.	12.6	425
70	Gastroesophageal Reflux Disease Symptoms and Dietary Behaviors are Significant Correlates of Short Sleep Duration in the General Population: The Nagahama Study. Sleep, 2014, 37, 1809-1815.	1.1	22
71	Large-Scale East-Asian eQTL Mapping Reveals Novel Candidate Genes for LD Mapping and the Genomic Landscape of Transcriptional Effects of Sequence Variants. PLoS ONE, 2014, 9, e100924.	2.5	108
72	A trans-ethnic genetic study of rheumatoid arthritis identifiedFCGR2Aas a candidate common risk factor in Japanese and European populations. Modern Rheumatology, 2012, 22, 52-58.	1.8	8

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73	Meta-analysis identifies nine new loci associated with rheumatoid arthritis in the Japanese population. Nature Genetics, 2012, 44, 511-516.	21.4	285
74	ACPA-Negative RA Consists of Two Genetically Distinct Subsets Based on RF Positivity in Japanese. PLoS ONE, 2012, 7, e40067.	2.5	33
75	A trans-ethnic genetic study of rheumatoid arthritis identified FCGR2A as a candidate common risk factor in Japanese and European populations. Modern Rheumatology, 2012, 22, 52-58.	1.8	4
76	Genetic Polymorphisms of the Human PNPLA3 Gene Are Strongly Associated with Severity of Non-Alcoholic Fatty Liver Disease in Japanese. PLoS ONE, 2012, 7, e38322.	2.5	228
77	The FOXE1 and NKX2-1 loci are associated with susceptibility to papillary thyroid carcinoma in the Japanese population. Journal of Medical Genetics, 2011, 48, 645-648.	3.2	76
78	A large-scale association study identified multiple HLA-DRB1 alleles associated with ACPA-negative rheumatoid arthritis in Japanese subjects. Annals of the Rheumatic Diseases, 2011, 70, 2134-2139.	0.9	42
79	Myelin Basic Protein as a Novel Genetic Risk Factor in Rheumatoid Arthritisâ€"A Genome-Wide Study Combined with Immunological Analyses. PLoS ONE, 2011, 6, e20457.	2.5	29
80	The human AIRE gene at chromosome 21q22 is a genetic determinant for the predisposition to rheumatoid arthritis in Japanese population. Human Molecular Genetics, 2011, 20, 2680-2685.	2.9	90
81	A regulatory variant in CCR6 is associated with rheumatoid arthritis susceptibility. Nature Genetics, 2010, 42, 515-519.	21.4	241
82	Anti-citrullinated peptide antibody-negative RA is a genetically distinct subset: a definitive study using only bone-erosive ACPA-negative rheumatoid arthritis. Rheumatology, 2010, 49, 2298-2304.	1.9	61
83	The FOXE1 locus is a major genetic determinant for radiation-related thyroid carcinoma in Chernobyl. Human Molecular Genetics, 2010, 19, 2516-2523.	2.9	145
84	A Genome-Wide Association Analysis Identified a Novel Susceptible Locus for Pathological Myopia at 11q24.1. PLoS Genetics, 2009, 5, e1000660.	3.5	131
85	Alymphoplasia is caused by a point mutation in the mouse gene encoding Nf-Îºb-inducing kinase. Nature Genetics, 1999, 22, 74-77.	21.4	431
86	Structure and physical map of 64 variable segments in the 3â€² 0.8â€"megabase region of the human immunoglobulin heavyâ€"chain locus. Nature Genetics, 1993, 3, 88-94.	21.4	322
87	Cloning of cDNA encoding the murine IgG1 induction factor by a novel strategy using SP6 promoter. Nature, 1986, 319, 640-646.	27.8	506