

Nobuo Fuse

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

3,078
citations

185998

28
h-index

182168

51
g-index

87
all docs

87
docs citations

87
times ranked

4383
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations between the Combined Fat Mass Index and Fat-Free Mass Index with Carotid Intima-Media Thickness in a Japanese Population: The Tohoku Medical Megabank Community-Based Cohort Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2023, 30, 255-273.	0.9	7
2	The return of individual genomic results to research participants: design and pilot study of Tohoku Medical Megabank Project. <i>Journal of Human Genetics</i> , 2022, 67, 9-17.	1.1	9
3	Maternal Baseline Characteristics and Perinatal Outcomes: The Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study. <i>Journal of Epidemiology</i> , 2022, 32, 69-79.	1.1	13
4	Association between fat mass index, fat-free mass index and hemoglobin A1c in a Japanese population: The Tohoku Medical Megabank Community-Based Cohort Study. <i>Journal of Diabetes Investigation</i> , 2022, 13, 858-867.	1.1	13
5	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. <i>Journal of Epidemiology</i> , 2021, 31, 65-76.	1.1	81
6	Novel candidates of pathogenic variants of the BRCA1 and BRCA2 genes from a dataset of 3,552 Japanese whole genomes (3.5KJPNv2). <i>PLoS ONE</i> , 2021, 16, e0236907.	1.1	7
7	Estimation of the carrier frequencies and proportions of potential patients by detecting causative gene variants associated with autosomal recessive bone dysplasia using a whole-genome reference panel of Japanese individuals. <i>Human Genome Variation</i> , 2021, 8, 2.	0.4	3
8	Japonica Array NEO with increased genome-wide coverage and abundant disease risk SNPs. <i>Journal of Biochemistry</i> , 2021, 170, 399-410.	0.9	17
9	Association between the combined fat mass and fat-free mass index and hypertension: The Tohoku Medical Megabank Community-based Cohort Study. <i>Clinical and Experimental Hypertension</i> , 2021, 43, 610-621.	0.5	15
10	Comparisons of Schlemm's canal and trabecular meshwork morphologies between juvenile and primary open angle glaucoma. <i>Experimental Eye Research</i> , 2021, 210, 108711.	1.2	7
11	Genetic loci for lung function in Japanese adults with adjustment for exhaled nitric oxide levels as airway inflammation indicator. <i>Communications Biology</i> , 2021, 4, 1288.	2.0	13
12	dbTMM: an integrated database of large-scale cohort, genome and clinical data for the Tohoku Medical Megabank Project. <i>Human Genome Variation</i> , 2021, 8, 44.	0.4	7
13	Cohort Profile: Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study (TMM) Tj ETQq1 1 0.784314 rgBT /Overl 2020, 49, 18-19m.	0.9	107
14	EAAT1 variants associated with glaucoma. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 943-949.	1.0	11
15	Identification of critical genetic variants associated with metabolic phenotypes of the Japanese population. <i>Communications Biology</i> , 2020, 3, 662.	2.0	16
16	Combining MRI and genetic data in the Tohoku Medical Megabank Organization cohort study for innovative Alzheimer's disease research. <i>Alzheimer's and Dementia</i> , 2020, 16, e045688.	0.4	1
17	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , 2020, 11, 3175.	5.8	34
18	Identification of a novel uterine leiomyoma GWAS locus in a Japanese population. <i>Scientific Reports</i> , 2020, 10, 1197.	1.6	14

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19	Ethnicity-Dependent Effects of Schizophrenia Risk Variants of the <i>OLIG2</i> Gene on <i>OLIG2</i> Transcription and White Matter Integrity. <i>Schizophrenia Bulletin</i> , 2020, 46, 1619-1628.	2.3	17
20	Oral Microbiome Analysis in Prospective Genome Cohort Studies of the Tohoku Medical Megabank Project. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 604596.	1.8	12
21	Design and Progress of Oral Health Examinations in the Tohoku Medical Megabank Project. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 97-115.	0.5	3
22	3.5KJPNv2: an allele frequency panel of 3552 Japanese individuals including the X chromosome. <i>Human Genome Variation</i> , 2019, 6, 28.	0.4	115
23	Construction of JRC (Japanese reference genome) with single-molecule real-time sequencing. <i>Human Genome Variation</i> , 2019, 6, 27.	0.4	9
24	Identification of genetic alterations in extramammary Paget disease using whole exome analysis. <i>Journal of Dermatological Science</i> , 2019, 94, 229-235.	1.0	23
25	Estimating carrier frequencies of newborn screening disorders using a whole-genome reference panel of 3552 Japanese individuals. <i>Human Genetics</i> , 2019, 138, 389-409.	1.8	7
26	Maternity Log study: a longitudinal lifelog monitoring and multiomics analysis for the early prediction of complicated pregnancy. <i>BMJ Open</i> , 2019, 9, e025939.	0.8	10
27	Genome analyses for the Tohoku Medical Megabank Project towards establishment of personalized healthcare. <i>Journal of Biochemistry</i> , 2019, 165, 139-158.	0.9	33
28	Construction of full-length Japanese reference panel of class I HLA genes with single-molecule, real-time sequencing. <i>Pharmacogenomics Journal</i> , 2019, 19, 136-146.	0.9	12
29	Establishment of Integrated Biobank for Precision Medicine and Personalized Healthcare: The Tohoku Medical Megabank Project. <i>JMA Journal</i> , 2019, 2, 113-122.	0.6	21
30	Impact of clinical factors and UGT1A9 and CYP2B6 genotype on inter-individual differences in propofol pharmacokinetics. <i>Journal of Anesthesia</i> , 2018, 32, 236-243.	0.7	7
31	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.	1.4	111
32	Omics research project on prospective cohort studies from the Tohoku Medical Megabank Project. <i>Genes To Cells</i> , 2018, 23, 406-417.	0.5	38
33	Evaluation of reported pathogenic variants and their frequencies in a Japanese population based on a whole-genome reference panel of 2049 individuals. <i>Journal of Human Genetics</i> , 2018, 63, 213-230.	1.1	35
34	Genome-wide association study (GWAS) of ovarian cancer in Japanese predicted regulatory variants in 22q13.1. <i>PLoS ONE</i> , 2018, 13, e0209096.	1.1	8
35	Genome-wide association study identifies gastric cancer susceptibility loci at 12q24.11 and 20q11.21. <i>Cancer Science</i> , 2018, 109, 4015-4024.	1.7	39
36	Regional genetic differences among Japanese populations and performance of genotype imputation using whole-genome reference panel of the Tohoku Medical Megabank Project. <i>BMC Genomics</i> , 2018, 19, 551.	1.2	14

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37	Genome-wide identification of inter-individually variable DNA methylation sites improves the efficacy of epigenetic association studies. <i>Npj Genomic Medicine</i> , 2017, 2, 11.	1.7	59
38	Monitoring of minimal residual disease in early Tâ€cell precursor acute lymphoblastic leukaemia by nextâ€generation sequencing. <i>British Journal of Haematology</i> , 2017, 176, 318-321.	1.2	7
39	A Histologic Categorization of Aqueous Outflow Routes in Familial Open-Angle Glaucoma and Associations With Mutations in the <i>MYOC</i> Gene in Japanese Patients. , 2017, 58, 2818.		13
40	Genetic analysis of Japanese primary open-angle glaucoma patients and clinical characterization of risk alleles near CDKN2B-AS1, SIX6 and GAS7. <i>PLoS ONE</i> , 2017, 12, e0186678.	1.1	24
41	The Tohoku Medical Megabank Project: Design and Mission. <i>Journal of Epidemiology</i> , 2016, 26, 493-511.	1.1	236
42	The structural origin of metabolic quantitative diversity. <i>Scientific Reports</i> , 2016, 6, 31463.	1.6	18
43	Protocol and Research Perspectives of the ToMMo Child Health Study after the 2011 Great East Japan Earthquake. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 236, 123-130.	0.5	15
44	Eczema and Asthma Symptoms among Schoolchildren in Coastal and Inland Areas after the 2011 Great East Japan Earthquake: The ToMMo Child Health Study. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 237, 297-305.	0.5	25
45	A common variant near TGFBR3 is associated with primary open angle glaucoma. <i>Human Molecular Genetics</i> , 2015, 24, 3880-3892.	1.4	105
46	Fixed Combination of Travoprost and Timolol Maleate Reduces Intraocular Pressure in Japanese Patients with Primary Open-Angle Glaucoma or Ocular Hypertension: A Prospective Multicenter Open-Label Study. <i>Advances in Therapy</i> , 2015, 32, 823-837.	1.3	10
47	Rare variant discovery by deep whole-genome sequencing of 1,070 Japanese individuals. <i>Nature Communications</i> , 2015, 6, 8018.	5.8	352
48	25-Gauge Microincision Vitrectomy to Treat Vitreoretinal Disease in Glaucomatous Eyes after Trabeculectomy. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-8.	0.6	6
49	Molecular genetic analysis of primary open-angle glaucoma, normal tension glaucoma, and developmental glaucoma for the VAV2 and VAV3 gene variants in Japanese subjects. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 509-512.	1.0	6
50	Effect of Topical Tafluprost on Optic Nerve Head Blood Flow in Patients With Myopic Disc Type. <i>Journal of Glaucoma</i> , 2013, 22, 398-403.	0.8	45
51	Association of HK2 and NCK2 with Normal Tension Glaucoma in the Japanese Population. <i>PLoS ONE</i> , 2013, 8, e54115.	1.1	17
52	Progression of Visual Field Defects in Eyes With Different Optic Disc Appearances in Patients With Normal Tension Glaucoma. <i>Journal of Glaucoma</i> , 2012, 21, 426-430.	0.8	35
53	Evaluation of CNTNAP2 gene polymorphisms for exfoliation syndrome in Japanese. <i>Molecular Vision</i> , 2012, 18, 1395-401.	1.1	6
54	Successful Removal of Large Intraocular Foreign Body by 25-Gauge Microincision Vitrectomy Surgery. <i>Journal of Ophthalmology</i> , 2011, 2011, 1-4.	0.6	17

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55	Irreversible optical clearing of rabbit dermis for autogenic corneal stroma transplantation. <i>Biomaterials</i> , 2011, 32, 6764-6772.	5.7	11
56	Fixating Dislocated Intraocular Lens by 25-Gauge Vitrectomy. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2011, 42, 297-301.	0.4	10
57	Genetic Bases for Glaucoma. <i>Tohoku Journal of Experimental Medicine</i> , 2010, 221, 1-10.	0.5	52
58	Mutation spectrum of the CYP1B1 gene for congenital glaucoma in the Japanese population. <i>Japanese Journal of Ophthalmology</i> , 2010, 54, 1-6.	0.9	15
59	Different types of optic disc shape in patients with advanced open-angle glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2010, 54, 291-295.	0.9	23
60	Interleukin-1 attenuates normal tension glaucoma-like retinal degeneration in EAAC1-deficient mice. <i>Neuroscience Letters</i> , 2009, 465, 160-164.	1.0	29
61	Presence of myocilin sequence variants in Japanese patients with open-angle glaucoma. <i>Molecular Vision</i> , 2008, 14, 413-7.	1.1	9
62	Evaluation of LOXL1 polymorphisms in eyes with exfoliation glaucoma in Japanese. <i>Molecular Vision</i> , 2008, 14, 1338-43.	1.1	65
63	Hypothermia Protects Cultured Human Retinal Pigment Epithelial Cells against Indocyanine Green Toxicity. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2007, 23, 35-39.	0.6	5
64	Pitavastatin prevents NMDA-induced retinal ganglion cell death by suppressing leukocyte recruitment. <i>Journal of Neurochemistry</i> , 2007, 100, 1018-1031.	2.1	91
65	Novel mutations in the FOXC1 gene in Japanese patients with Axenfeld-Rieger syndrome. <i>Molecular Vision</i> , 2007, 13, 1005-9.	1.1	10
66	Association between primary open-angle glaucoma and WDR36 DNA sequence variants in Japanese. <i>Molecular Vision</i> , 2007, 13, 1912-9.	1.1	36
67	Hypothermia of 8°C Protects Cultured Retinal Pigment Epithelial Cells and Retinal Ganglion Cells Against Trypan Blue Toxicity. <i>American Journal of Ophthalmology</i> , 2006, 141, 754-756.	1.7	6
68	Polymorphisms in Complement Factor H and Hemicentin-1 Genes in a Japanese Population With Dry-type Age-related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2006, 142, 1074-1076.	1.7	60
69	Ordered subset analysis supports a glaucoma locus at GLC11 on chromosome 15 in families with earlier adult age at diagnosis. <i>Experimental Eye Research</i> , 2006, 82, 1068-1074.	1.2	19
70	Visual Function with Acupuncture Tested by Visual Evoked Potential. <i>Tohoku Journal of Experimental Medicine</i> , 2006, 209, 235-241.	0.5	9
71	Mitochondrial DNA Mutations with Leber's Hereditary Optic Neuropathy in Japanese Patients with Open-Angle Glaucoma. <i>Japanese Journal of Ophthalmology</i> , 2006, 50, 128-134.	0.9	17
72	Paraoxonase 1 gene polymorphisms influence clinical features of open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 984-990.	1.0	13

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73	Neuroprotective effect of latanoprost on rat retinal ganglion cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 1003-1009.	1.0	37
74	Hypothermia Protects Cultured Human Retinal Pigment Epithelial Cells against Trypan Blue Toxicity. Ophthalmologica, 2006, 220, 114-117.	1.0	4
75	SNPs and Interaction Analyses of Noelin 2, Myocilin, and Optineurin Genes in Japanese Patients with Open-Angle Glaucoma. , 2006, 47, 5368.		43
76	Polymorphism of beta-adrenergic receptors and susceptibility to open-angle glaucoma. Molecular Vision, 2006, 12, 673-80.	1.1	22
77	Acupuncture For Patients With Glaucoma. Explore: the Journal of Science and Healing, 2005, 1, 372-376.	0.4	22
78	Molecular Genetic Analysis of Optineurin Gene for Primary Open-Angle and Normal Tension Glaucoma in the Japanese Population. Journal of Glaucoma, 2004, 13, 299-303.	0.8	73
79	Clinicopathologic correlation and genetic analysis in a case of posterior polymorphous corneal dystrophy. American Journal of Ophthalmology, 2003, 135, 461-470.	1.7	43
80	Intraocular Hemangiopericytoma. Ophthalmologica, 2001, 215, 378-382.	1.0	6
81	Effective Treatment with Topical Cyclosporin A of a Patient with Cogan Syndrome. Ophthalmologica, 2000, 214, 429-432.	1.0	26
82	Auto Iris Pigment Epithelial Cell Transplantation in Patients with Age-Related Macular Degeneration: Short-Term Results. Tohoku Journal of Experimental Medicine, 2000, 191, 7-20.	0.5	57
83	mRNA Expression of Proto-Oncogenes and Platelet-Derived Growth Factor in Proliferative Vitreoretinal Diseases. Japanese Journal of Ophthalmology, 2000, 44, 308-311.	0.9	9
84	Functional Analysis after Auto Iris Pigment Epithelial Cell Transplantation in Patients with Age-Related Macular Degeneration.. Tohoku Journal of Experimental Medicine, 1999, 189, 295-305.	0.5	33
85	A Big Gene Linked to Small Eyes Encodes Multiple Mitf Isoforms: Many Promoters Make Light Work. Pigment Cell & Melanoma Research, 1998, 11, 329-336.	4.0	73
86	Identification of a Novel Isoform of Microphthalmia-Associated Transcription Factor That Is Enriched in Retinal Pigment Epithelium. Biochemical and Biophysical Research Communications, 1998, 247, 710-715.	1.0	139
87	Identification of a Melanocyte-Type Promoter of the Microphthalmia-Associated Transcription Factor Gene. Biochemical and Biophysical Research Communications, 1996, 219, 702-707.	1.0	126