

Mikio Watanabe

List of Publications by Year in descending order

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49
papers

1,404
citations

361413

20
h-index

345221

36
g-index

52
all docs

52
docs citations

52
times ranked

2136
citing authors

#	ARTICLE	IF	CITATIONS
1	Increases of the Th1/Th2 Cell Ratio in Severe Hashimoto's Disease and in the Proportion of Th17 Cells in Intractable Graves' Disease. <i>Thyroid</i> , 2009, 19, 495-501.	4.5	179
2	Differences in genetic and environmental variation in adult BMI by sex, age, time period, and region: an individual-based pooled analysis of 40 twin cohorts. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 457-466.	4.7	107
3	Association of functional polymorphisms related to the transcriptional level of <i>FOXP3</i> with prognosis of autoimmune thyroid diseases. <i>Clinical and Experimental Immunology</i> , 2010, 162, 402-406.	2.6	105
4	Associations Between Autoimmune Thyroid Disease Prognosis and Functional Polymorphisms of Susceptibility Genes, CTLA4, PTPN22, CD40, FCRL3, and ZFAT, Previously Revealed in Genome-wide Association Studies. <i>Journal of Clinical Immunology</i> , 2012, 32, 1243-1252.	3.8	75
5	Association between the Severity of Hashimoto's Disease and the Functional +874A/T Polymorphism in the Interferon- γ . <i>Gene. Endocrine Journal</i> , 2006, 53, 473-478.	1.6	61
6	Apoptosis-induced Decrease of Intrathyroidal CD4 ⁺ CD25 ⁺ Regulatory T Cells in Autoimmune Thyroid Diseases. <i>Thyroid</i> , 2007, 17, 25-31.	4.5	61
7	Association of polymorphisms in <i>DNMT1</i> , <i>DNMT3A</i> , <i>DNMT3B</i> , <i>MTHFR</i> and <i>MTRR</i> genes with global DNA methylation levels and prognosis of autoimmune thyroid disease. <i>Clinical and Experimental Immunology</i> , 2012, 170, 194-201.	2.6	60
8	Association of the C/T functional polymorphism in the interleukin- 1β gene with the intractability of Graves' disease and the proportion of T helper type 17 cells. <i>Clinical and Experimental Immunology</i> , 2009, 158, 281-286.	2.6	58
9	Association of current and former smoking with body mass index: A study of smoking discordant twin pairs from 21 twin cohorts. <i>PLoS ONE</i> , 2018, 13, e0200140.	2.5	57
10	The CODATwins Project: The Cohort Description of Collaborative Project of Development of Anthropometrical Measures in Twins to Study Macro-Environmental Variation in Genetic and Environmental Effects on Anthropometric Traits. <i>Twin Research and Human Genetics</i> , 2015, 18, 348-360.	0.6	55
11	Independent Involvement of CD8 ⁺ CD25 ⁺ Cells and Thyroid Autoantibodies in Disease Severity of Hashimoto's Disease. <i>Thyroid</i> , 2002, 12, 801-808.	4.5	52
12	The +869T/C polymorphism in the transforming growth factor- $\beta 1$ gene is associated with the severity and intractability of autoimmune thyroid disease. <i>Clinical and Experimental Immunology</i> , 2008, 151, 379-382.	2.6	50
13	The C/C Genotype in the IL4 Gene as a Strong Predictive Factor for the Development of Hypothyroidism in Hashimoto Disease. <i>Clinical Chemistry</i> , 2008, 54, 621-623.	3.2	44
14	Association of functional polymorphisms in promoter regions of IL5, IL6 and IL13 genes with development and prognosis of autoimmune thyroid diseases. <i>Clinical and Experimental Immunology</i> , 2011, 163, 318-323.	2.6	43
15	Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994. <i>ELife</i> , 2016, 5, .	6.0	42
16	Intravital Microreflectometry of Individual Pial Vessels and Capillary Region of Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1994, 14, 75-84.	4.3	35
17	Involvement of functional polymorphisms in the TNF gene in the pathogenesis of autoimmune thyroid diseases and production of anti-thyrotropin receptor antibody. <i>Clinical and Experimental Immunology</i> , 2009, 156, 199-204.	2.6	30
18	Zygosity Differences in Height and Body Mass Index of Twins From Infancy to Old Age: A Study of the CODATwins Project. <i>Twin Research and Human Genetics</i> , 2015, 18, 557-570.	0.6	24

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19	Association of the polymorphisms of chemokine genes (<i>IL8</i> , <i>RANTES</i> , <i>MIG</i> , <i>IP10</i> , <i>MCP1</i> and <i>IL16</i>) with the pathogenesis of autoimmune thyroid diseases. <i>Autoimmunity</i> , 2016, 49, 312-319.	2.6	21
20	Functional polymorphisms in <i>TBX21</i> and <i>HLX</i> are associated with development and prognosis of Graves' disease. <i>Autoimmunity</i> , 2012, 45, 129-136.	2.6	20
21	Messenger RNA quantification after fluorescence activated cell sorting using intracellular antigens. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 425-428.	2.1	18
22	Enhanced processivity of Dnmt1 by monoubiquitinated histone H3. <i>Genes To Cells</i> , 2020, 25, 22-32.	1.2	18
23	Involvement of genes encoding apoptosis regulatory factors (<i>FAS</i> , <i>FASL</i> , <i>TRAIL</i> , <i>BCL2</i> , <i>TNFR1</i> and <i>TNFR2</i>) Tj ETQq] 1 0.784314 rgBT (C	2.4	16
24	Messenger RNA quantification after fluorescence-activated cell sorting using in situ hybridization. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 1032-1037.	1.5	12
25	mRNA Quantification After Fluorescence Activated Cell Sorting Using Locked Nucleic Acid Probes. <i>Molecular Biotechnology</i> , 2011, 49, 42-47.	2.4	11
26	Functional polymorphisms affecting Th1 differentiation are associated with the severity of autoimmune thyroid diseases. <i>Endocrine Journal</i> , 2017, 64, 695-703.	1.6	11
27	Association of <i>IL6</i> gene methylation in peripheral blood cells with the development and prognosis of autoimmune thyroid diseases. <i>Autoimmunity</i> , 2019, 52, 251-255.	2.6	11
28	Increases of CD80 and CD86 Expression on Peripheral Blood Cells and their Gene Polymorphisms in Autoimmune Thyroid Disease. <i>Immunological Investigations</i> , 2020, 49, 191-203.	2.0	10
29	Combination of multicolor flow cytometry for circulating lymphoma cells and tests for the <i>RHOA</i> ^{G17V} and <i>IDH2</i> ^{R172} hot-spot mutations in plasma cell-free DNA as liquid biopsy for the diagnosis of angioimmunoblastic T-cell lymphoma. <i>Leukemia and Lymphoma</i> . 2020, 61, 2389-2398.	1.3	10
30	Relation of CD30 Molecules on T-Cell Subsets to the Severity of Autoimmune Thyroid Disease. <i>Thyroid</i> , 2003, 13, 259-263.	4.5	9
31	Language-related cerebral oscillatory changes are influenced equally by genetic and environmental factors. <i>NeuroImage</i> , 2016, 142, 241-247.	4.2	8
32	Education in Twins and Their Parents Across Birth Cohorts Over 100 years: An Individual-Level Pooled Analysis of 42-Twin Cohorts. <i>Twin Research and Human Genetics</i> , 2017, 20, 395-405.	0.6	8
33	Independent negative regulation of Dnmt1 by nucleosome structure and histone tails. <i>FEBS Journal</i> , 2017, 284, 3455-3469.	4.7	8
34	Methylation levels of the <i>TNFA</i> gene are different between Graves' and Hashimoto's diseases and influenced by the <i>TNFA</i> polymorphism. <i>Autoimmunity</i> , 2018, 51, 118-125.	2.6	8
35	Polymorphisms in Th17-related genes and the pathogenesis of autoimmune thyroid disease. <i>Autoimmunity</i> , 2018, 51, 360-369.	2.6	8
36	Relationship between Nutrient Intake and Human Gut Microbiota in Monozygotic Twins. <i>Medicina (Lithuania)</i> , 2021, 57, 275.	2.0	8

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37	The time-space correlation method for measurement of erythrocyte velocity in microvessels using a CCD linear image sensor. <i>Microvascular Research</i> , 1991, 41, 41-46.	2.5	7
38	Association of CD58 Polymorphisms and its Protein Expression with the Development and Prognosis of Autoimmune Thyroid Diseases. <i>Immunological Investigations</i> , 2020, 49, 106-119.	2.0	7
39	Optimization of Recovery and Analysis of RNA in Sorted Cells in mRNA Quantification After Fluorescence-activated Cell Sorting. <i>Annals of Clinical and Laboratory Science</i> , 2016, 46, 571-577.	0.2	6
40	Preparation of thyroid follicular cells for mRNA quantification after fluorescence-activated cell sorting. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013, 73, 245-252.	1.2	5
41	The HIF α pathway plays a critical role in salivary gland development in <i>ex vivo</i> organ cultures. <i>FEBS Open Bio</i> , 2022, 12, 460-469.	2.3	5
42	Prolonged hybridization with a cRNA probe improves the signal to noise ratio for in-tube in situ hybridization for quantification of mRNA after fluorescence-activated cell sorting. <i>Biotechnic and Histochemistry</i> , 2012, 87, 366-371.	1.3	4
43	An Improved Protocol for mRNA Quantification After Fluorescence-Activated Cell Sorting with an Increased Signal to Noise Ratio in Flow Cytometry. <i>Molecular Biotechnology</i> , 2014, 56, 591-598.	2.4	4
44	<i>PD-1</i> gene polymorphisms and thyroid expression of PD-1 ligands differ between Graves' and Hashimoto's diseases. <i>Autoimmunity</i> , 2021, 54, 450-459.	2.6	4
45	Frequency-specific genetic influence on inferior parietal lobule activation commonly observed during action observation and execution. <i>Scientific Reports</i> , 2017, 7, 17660.	3.3	2
46	Structural dynamics of the chromo-shadow domain and chromodomain of HP1 bound to histone H3K9 methylated peptide, as measured by site-directed spin-labeling EPR spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 567, 42-48.	2.1	2
47	Polymorphisms in vitamin A-related genes and their functions in autoimmune thyroid disease. <i>Thyroid</i> , 2021, 31, 1749-1756.	4.5	2
48	In tube immunocytochemistry for fluorescence-activated cell sorting that prevents RNA degradation in sorted cells. <i>Biotechnic and Histochemistry</i> , 2020, 95, 1-7.	1.3	1
49	Heritability and Environmental Correlation of Phase Angle with Anthropometric Measurements: A Twin Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7810.	2.6	0