

# Richard M Watanabe

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

7,319  
citations

279798

23  
h-index

361022

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

12831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010, 42, 579-589.	21.4	1,631
2	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	27.8	952
3	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
4	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycaemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
5	Large-scale association analyses identify new loci influencing glycaemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	21.4	746
6	Variants in <i>MTNR1B</i> influence fasting glucose levels. <i>Nature Genetics</i> , 2009, 41, 77-81.	21.4	662
7	The trans-ancestral genomic architecture of glycaemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
8	Impact of Type 2 Diabetes Susceptibility Variants on Quantitative Glycaemic Traits Reveals Mechanistic Heterogeneity. <i>Diabetes</i> , 2014, 63, 2158-2171.	0.6	297
9	Transcription Factor 7-Like 2 ( <i>TCF7L2</i> ) Is Associated With Gestational Diabetes Mellitus and Interacts With Adiposity to Alter Insulin Secretion in Mexican Americans. <i>Diabetes</i> , 2007, 56, 1481-1485.	0.6	118
10	The genetic regulatory signature of type 2 diabetes in human skeletal muscle. <i>Nature Communications</i> , 2016, 7, 11764.	12.8	114
11	A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. <i>Diabetes</i> , 2017, 66, 2296-2309.	0.6	102
12	Identification and Functional Characterization of <i>G6PC2</i> Coding Variants Influencing Glycaemic Traits Define an Effector Transcript at the <i>G6PC2-ABCB11</i> Locus. <i>PLoS Genetics</i> , 2015, 11, e1004876.	3.5	95
13	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87
14	Genetic Variants Associated With Quantitative Glucose Homeostasis Traits Translate to Type 2 Diabetes in Mexican Americans: The GUARDIAN (Genetics Underlying Diabetes in Hispanics) Consortium. <i>Diabetes</i> , 2015, 64, 1853-1866.	0.6	77
15	rs641738C>T near <i>MBOAT7</i> is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021, 74, 20-30.	3.7	77
16	The Role of Liver Glucosensors in the Integrated Sympathetic Response Induced by Deep Hypoglycemia in Dogs. <i>Diabetes</i> , 1994, 43, 1052-1060.	0.6	61
17	Genetics of Gestational Diabetes Mellitus and Type 2 Diabetes. <i>Diabetes Care</i> , 2007, 30, S134-S140.	8.6	51
18	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.6	47

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19	A diet high in sugar-sweetened beverage and low in fruits and vegetables is associated with adiposity and a pro-inflammatory adipokine profile. <i>British Journal of Nutrition</i> , 2018, 120, 1230-1239.	2.3	42
20	The Genetics of Insulin Resistance: Where's Waldo?. <i>Current Diabetes Reports</i> , 2010, 10, 476-484.	4.2	33
21	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	5.3	31
22	High Calorie Intake Is Associated With Worsening Insulin Resistance and $\beta$ -Cell Function in Hispanic Women After Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2014, 37, 3294-3300.	8.6	26
23	Inherited destiny? Genetics and gestational diabetes mellitus. <i>Genome Medicine</i> , 2011, 3, 18.	8.2	24
24	Genome-Wide Association Study Identifies Loci for Liver Enzyme Concentrations in Mexican Americans: The GUARDIAN Consortium. <i>Obesity</i> , 2019, 27, 1331-1337.	3.0	20
25	Postprandial effect to decrease soluble epoxide hydrolase activity: roles of insulin and gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2017, 49, 8-14.	4.2	18
26	Glucose Tolerance during Moderate Alcohol Intake: Insights on Insulin Action from Glucose/Lactate Dynamics. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1233-1238.	3.6	12
27	Statistical Issues in Gene Association Studies. <i>Methods in Molecular Biology</i> , 2011, 700, 17-36.	0.9	11
28	Association of weight gain and fifteen adipokines with declining beta-cell function in Mexican Americans. <i>PLoS ONE</i> , 2018, 13, e0201568.	2.5	11
29	Longitudinal Increases in Adiposity Contribute to Worsening Adipokine Profile over Time in Mexican Americans. <i>Obesity</i> , 2018, 26, 703-712.	3.0	9
30	Assessment of soluble epoxide hydrolase activity in vivo: A metabolomic approach. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 148, 106410.	1.9	7
31	Plasminogen Activator Inhibitor-1 Predicts Negative Alterations in Whole-Body Insulin Sensitivity in Chronic HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 723-727.	1.1	5
32	Insulin Action, Glucose Homeostasis and Free Fatty Acid Metabolism: Insights From a Novel Model. <i>Frontiers in Endocrinology</i> , 2021, 12, 625701.	3.5	5
33	Improved Performance of Dynamic Measures of Insulin Response Over Surrogate Indices to Identify Genetic Contributors of Type 2 Diabetes: The GUARDIAN Consortium. <i>Diabetes</i> , 2016, 65, 2072-2080.	0.6	4
34	Physiologic Interpretation of GWAS Signals for Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2018, 1706, 323-351.	0.9	2