

Richard M Watanabe

List of Publications by Citations

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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.

34
papers

5,697
citations

21
h-index

36
g-index

36
ext. papers

6,636
ext. citations

12.2
avg, IF

3.56
L-index

#	Paper	IF	Citations
34	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010 , 42, 579-89	36.3	1449
33	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, 949-60	36.3	724
32	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
31	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
30	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
29	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009 , 41, 77-81	36.3	584
28	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. <i>Diabetes</i> , 2014 , 63, 2158-71	0.9	235
27	Transcription factor 7-like 2 (TCF7L2) is associated with gestational diabetes mellitus and interacts with adiposity to alter insulin secretion in Mexican Americans. <i>Diabetes</i> , 2007 , 56, 1481-5	0.9	101
26	The genetic regulatory signature of type 2 diabetes in human skeletal muscle. <i>Nature Communications</i> , 2016 , 7, 11764	17.4	82
25	Identification and functional characterization of G6PC2 coding variants influencing glycemic traits define an effector transcript at the G6PC2-ABCB11 locus. <i>PLoS Genetics</i> , 2015 , 11, e1004876	6	76
24	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	0.9	69
23	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, 1853-66	0.9	62
22	The role of liver glucosensors in the integrated sympathetic response induced by deep hypoglycemia in dogs. <i>Diabetes</i> , 1994 , 43, 1052-60	0.9	53
21	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
20	Genetics of gestational diabetes mellitus and type 2 diabetes. <i>Diabetes Care</i> , 2007 , 30 Suppl 2, S134-40	14.6	37
19	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
18	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032	0.9	29

17	The genetics of insulin resistance: Where's Waldo?. <i>Current Diabetes Reports</i> , 2010 , 10, 476-84	5.6	27
16	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021 , 74, 20-30	13.4	24
15	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
14	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	3.6	21
13	Inherited destiny? Genetics and gestational diabetes mellitus. <i>Genome Medicine</i> , 2011 , 3, 18	14.4	17
12	High calorie intake is associated with worsening insulin resistance and β cell function in Hispanic women after gestational diabetes mellitus. <i>Diabetes Care</i> , 2014 , 37, 3294-300	14.6	14
11	Genome-Wide Association Study Identifies Loci for Liver Enzyme Concentrations in Mexican Americans: The GUARDIAN Consortium. <i>Obesity</i> , 2019 , 27, 1331-1337	8	11
10	Postprandial effect to decrease soluble epoxide hydrolase activity: roles of insulin and gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2017 , 49, 8-14	6.3	11
9	Statistical issues in gene association studies. <i>Methods in Molecular Biology</i> , 2011 , 700, 17-36	1.4	10
8	Longitudinal Increases in Adiposity Contribute to Worsening Adipokine Profile over Time in Mexican Americans. <i>Obesity</i> , 2018 , 26, 703-712	8	7
7	Association of weight gain and fifteen adipokines with declining beta-cell function in Mexican Americans. <i>PLoS ONE</i> , 2018 , 13, e0201568	3.7	7
6	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	1.6	3
5	Assessment of soluble epoxide hydrolase activity in vivo: A metabolomic approach. <i>Prostaglandins and Other Lipid Mediators</i> , 2020 , 148, 106410	3.7	3
4	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, 2072-80	0.9	3
3	Physiologic Interpretation of GWAS Signals for Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2018 , 1706, 323-351	1.4	1
2	Insulin Action, Glucose Homeostasis and Free Fatty Acid Metabolism: Insights From a Novel Model. <i>Frontiers in Endocrinology</i> , 2021 , 12, 625701	5.7	1
1	Pharmacogenomics and Organ Transplantation 133-145		