

# Hironori Waki

## 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.

41 papers	14,273 citations	24 h-index	49 g-index
49 ext. papers	15,344 ext. citations	14.4 avg, IF	4.94 L-index

#	Paper	IF	Citations
41	The fat-derived hormone adiponectin reverses insulin resistance associated with both lipodystrophy and obesity. <i>Nature Medicine</i> , <b>2001</b> , 7, 941-6	50.5	3885
40	Adiponectin stimulates glucose utilization and fatty-acid oxidation by activating AMP-activated protein kinase. <i>Nature Medicine</i> , <b>2002</b> , 8, 1288-95	50.5	3232
39	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , <b>2003</b> , 423, 762-9	50.4	2453
38	Impaired multimerization of human adiponectin mutants associated with diabetes. Molecular structure and multimer formation of adiponectin. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 40352-63	5.4	751
37	Adiponectin and AdipoR1 regulate PGC-1alpha and mitochondria by Ca(2+) and AMPK/SIRT1. <i>Nature</i> , <b>2010</b> , 464, 1313-9	50.4	690
36	Globular adiponectin protected ob/ob mice from diabetes and ApoE-deficient mice from atherosclerosis. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 2461-8	5.4	676
35	The mechanisms by which both heterozygous peroxisome proliferator-activated receptor gamma (PPARGgamma) deficiency and PPARGgamma agonist improve insulin resistance. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 41245-54	5.4	500
34	NR4A orphan nuclear receptors are transcriptional regulators of hepatic glucose metabolism. <i>Nature Medicine</i> , <b>2006</b> , 12, 1048-55	50.5	242
33	Generation of globular fragment of adiponectin by leukocyte elastase secreted by monocytic cell line THP-1. <i>Endocrinology</i> , <b>2005</b> , 146, 790-6	4.8	242
32	Endocrine functions of adipose tissue. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2007</b> , 2, 31-56	5.4	220
31	Inhibition of RXR and PPARGgamma ameliorates diet-induced obesity and type 2 diabetes. <i>Journal of Clinical Investigation</i> , <b>2001</b> , 108, 1001-13	15.9	207
30	The small molecule harmine is an antidiabetic cell-type-specific regulator of PPARGgamma expression. <i>Cell Metabolism</i> , <b>2007</b> , 5, 357-70	24.6	155
29	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. <i>Nature Genetics</i> , <b>2002</b> , 30, 221-6	36.3	130
28	Selective purification and characterization of adiponectin multimer species from human plasma. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 356, 487-93	3.4	117
27	TLE3 is a dual-function transcriptional coregulator of adipogenesis. <i>Cell Metabolism</i> , <b>2011</b> , 13, 413-427	24.6	95
26	Global mapping of cell type-specific open chromatin by FAIRE-seq reveals the regulatory role of the NFI family in adipocyte differentiation. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002311	6	89
25	The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. <i>Molecular and Cellular Biology</i> , <b>2018</b> , 38,	4.8	65

24	The small molecule phenamil induces osteoblast differentiation and mineralization. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 3905-14	4.8	65
23	Constitutive tyrosine phosphorylation of ErbB-2 via Jak2 by autocrine secretion of prolactin in human breast cancer. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 33937-44	5.4	65
22	Inhibitor of DNA binding 2 is a small molecule-inducible modulator of peroxisome proliferator-activated receptor-gamma expression and adipocyte differentiation. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 2038-48		57
21	Small Molecule-Induced Complement Factor D (Adipsin) Promotes Lipid Accumulation and Adipocyte Differentiation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162228	3.7	46
20	The expression of GPIHBP1, an endothelial cell binding site for lipoprotein lipase and chylomicrons, is induced by peroxisome proliferator-activated receptor-gamma. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 2496-504		45
19	NFIA co-localizes with PPAR $\gamma$ and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , <b>2017</b> , 19, 1081-1092	23.4	44
18	The small molecule phenamil is a modulator of adipocyte differentiation and PPAR $\gamma$ expression. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 2775-84	6.3	29
17	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , <b>2017</b> , 7, 6516	4.9	22
16	The epigenome and its role in diabetes. <i>Current Diabetes Reports</i> , <b>2012</b> , 12, 673-85	5.6	22
15	RNA-binding protein PSPC1 promotes the differentiation-dependent nuclear export of adipocyte RNAs. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 987-1004	15.9	20
14	STAMPing out Inflammation. <i>Cell</i> , <b>2007</b> , 129, 451-2	56.2	18
13	Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34 cells using the auto-erasable Sendai virus vector. <i>Stem Cell Research and Therapy</i> , <b>2019</b> , 10, 185	8.3	17
12	Determination of endogenous levels of retinoic acid isomers in type II diabetes mellitus patients. Possible correlation with HbA1c values. <i>Biological and Pharmaceutical Bulletin</i> , <b>2002</b> , 25, 1268-71	2.3	14
11	Willingness of patients with diabetes to use an ICT-based self-management tool: a cross-sectional study. <i>BMJ Open Diabetes Research and Care</i> , <b>2017</b> , 5, e000322	4.5	10
10	Previous dropout from diabetic care as a predictor of patients' willingness to use mobile applications for self-management: A cross-sectional study. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 8, 542-549	3.9	9
9	Maturity-onset diabetes of the young resulting from a novel mutation in the HNF-4 $\alpha$ gene. <i>Internal Medicine</i> , <b>2002</b> , 41, 848-52	1.1	7
8	CDK5 Regulatory Subunit-Associated Protein 1-like 1 Negatively Regulates Adipocyte Differentiation through Activation of Wnt Signaling Pathway. <i>Scientific Reports</i> , <b>2017</b> , 7, 7326	4.9	6
7	Diabetes Care Providers' Manual for Disaster Diabetes Care. <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 1118-1142	3.9	4

6	NFIA differentially controls adipogenic and myogenic gene program through distinct pathways to ensure brown and beige adipocyte differentiation. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1009044	6	4
5	Diabetes care providersWhanual for disaster diabetes care. <i>Diabetology International</i> , <b>2019</b> , 10, 153-179	2.3	2
4	Clinical usefulness of multigene screening with phenotype-driven bioinformatics analysis for the diagnosis of patients with monogenic diabetes or severe insulin resistance. <i>Diabetes Research and Clinical Practice</i> , <b>2020</b> , 169, 108461	7.4	1
3	Pseudo-hyperglucagonemia was observed in pancreatectomized patients when measured by glucagon sandwich enzyme-linked immunosorbent assay. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 286-289	3.9	1
2	A Case of Chronic Intestinal Pseudo-obstruction with Mitochondrial Diseases. <i>Internal Medicine</i> , <b>2021</b> ,	1.1	1
1	Body-weight-independent glucose-lowering effect of the $\beta$ -adrenergic receptor agonist mirabegron in humans. <i>Journal of Diabetes Investigation</i> , <b>2021</b> , 12, 689-690	3.9	