

Hironori Waki

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

16,528
citations

201674

27
h-index

223800

46
g-index

49
all docs

49
docs citations

49
times ranked

15491
citing authors

#	ARTICLE	IF	CITATIONS
1	The fat-derived hormone adiponectin reverses insulin resistance associated with both lipodystrophy and obesity. <i>Nature Medicine</i> , 2001, 7, 941-946.	30.7	4,370
2	Adiponectin stimulates glucose utilization and fatty-acid oxidation by activating AMP-activated protein kinase. <i>Nature Medicine</i> , 2002, 8, 1288-1295.	30.7	3,692
3	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003, 423, 762-769.	27.8	2,804
4	Impaired Multimerization of Human Adiponectin Mutants Associated with Diabetes. <i>Journal of Biological Chemistry</i> , 2003, 278, 40352-40363.	3.4	871
5	Adiponectin and AdipoR1 regulate PGC-1 β and mitochondria by Ca ²⁺ and AMPK/SIRT1. <i>Nature</i> , 2010, 464, 1313-1319.	27.8	859
6	Globular Adiponectin Protected ob/ob Mice from Diabetes and ApoE-deficient Mice from Atherosclerosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 2461-2468.	3.4	783
7	The Mechanisms by Which Both Heterozygous Peroxisome Proliferator-activated Receptor δ (PPAR δ) Deficiency and PPAR δ Agonist Improve Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2001, 276, 41245-41254.	3.4	575
8	NR4A orphan nuclear receptors are transcriptional regulators of hepatic glucose metabolism. <i>Nature Medicine</i> , 2006, 12, 1048-1055.	30.7	278
9	Generation of Globular Fragment of Adiponectin by Leukocyte Elastase Secreted by Monocytic Cell Line THP-1. <i>Endocrinology</i> , 2005, 146, 790-796.	2.8	275
10	Endocrine Functions of Adipose Tissue. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2007, 2, 31-56.	22.4	253
11	Inhibition of RXR and PPAR δ ameliorates diet-induced obesity and type 2 diabetes. <i>Journal of Clinical Investigation</i> , 2001, 108, 1001-1013.	8.2	251
12	The Small Molecule Harmine Is an Antidiabetic Cell-Type-Specific Regulator of PPAR δ Expression. <i>Cell Metabolism</i> , 2007, 5, 357-370.	16.2	180
13	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. <i>Nature Genetics</i> , 2002, 30, 221-226.	21.4	148
14	Selective purification and characterization of adiponectin multimer species from human plasma. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 487-493.	2.1	129
15	TLE3 Is a Dual-Function Transcriptional Coregulator of Adipogenesis. <i>Cell Metabolism</i> , 2011, 13, 413-427.	16.2	119
16	The RNA Methyltransferase Complex of WTAP, METTL3, and METTL14 Regulates Mitotic Clonal Expansion in Adipogenesis. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	114
17	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> , 2011, 7, e1002311.	3.5	103
18	Constitutive Tyrosine Phosphorylation of ErbB-2 via Jak2 by Autocrine Secretion of Prolactin in Human Breast Cancer. <i>Journal of Biological Chemistry</i> , 2000, 275, 33937-33944.	3.4	78

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19	The Small Molecule Phenamil Induces Osteoblast Differentiation and Mineralization. <i>Molecular and Cellular Biology</i> , 2009, 29, 3905-3914.	2.3	78
20	Small Molecule-Induced Complement Factor D (Adipsin) Promotes Lipid Accumulation and Adipocyte Differentiation. <i>PLoS ONE</i> , 2016, 11, e0162228.	2.5	76
21	NFIA co-localizes with PPAR β and transcriptionally controls the brown fat gene program. <i>Nature Cell Biology</i> , 2017, 19, 1081-1092.	10.3	73
22	Inhibitor of DNA Binding 2 Is a Small Molecule-Inducible Modulator of Peroxisome Proliferator-Activated Receptor- β Expression and Adipocyte Differentiation. <i>Molecular Endocrinology</i> , 2008, 22, 2038-2048.	3.7	62
23	The Expression of GPIHBP1, an Endothelial Cell Binding Site for Lipoprotein Lipase and Chylomicrons, Is Induced by Peroxisome Proliferator-Activated Receptor- β . <i>Molecular Endocrinology</i> , 2008, 22, 2496-2504.	3.7	51
24	The small molecule phenamil is a modulator of adipocyte differentiation and PPAR β expression. <i>Journal of Lipid Research</i> , 2010, 51, 2775-2784.	4.2	34
25	RNA-binding protein PSPC1 promotes the differentiation-dependent nuclear export of adipocyte RNAs. <i>Journal of Clinical Investigation</i> , 2017, 127, 987-1004.	8.2	33
26	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , 2017, 7, 6516.	3.3	31
27	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> , 2019, 10, 185.	5.5	28
28	The Epigenome and Its Role in Diabetes. <i>Current Diabetes Reports</i> , 2012, 12, 673-685.	4.2	24
29	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> , 2017, 5, e000322.	2.8	23
30	NFIA differentially controls adipogenic and myogenic gene program through distinct pathways to ensure brown and beige adipocyte differentiation. <i>PLoS Genetics</i> , 2020, 16, e1009044.	3.5	20
31	STAMPing out Inflammation. <i>Cell</i> , 2007, 129, 451-452.	28.9	19
32	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> , 2002, 25, 1268-1271.	1.4	16
33	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> , 2017, 8, 542-549.	2.4	16
34	CDK5 Regulatory Subunit-Associated Protein 1-like 1 Negatively Regulates Adipocyte Differentiation through Activation of Wnt Signaling Pathway. <i>Scientific Reports</i> , 2017, 7, 7326.	3.3	12
35	Maturity-onset Diabetes of the Young Resulting from a Novel Mutation in the HNF-4.ALPHA. <i>Gene.. Internal Medicine</i> , 2002, 41, 848-852.	0.7	8
36	Diabetes care providers' manual for disaster diabetes care. <i>Diabetology International</i> , 2019, 10, 153-179.	1.4	6

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37	Diabetes Care Providersâ€™ Manual for Disaster Diabetes Care. Journal of Diabetes Investigation, 2019, 10, 1118-1142.	2.4	5
38	Pseudoâ€hyperglucagonemia was observed in pancreatectomized patients when measured by glucagon sandwich enzymeâ€linked immunosorbent assay. Journal of Diabetes Investigation, 2021, 12, 286-289.	2.4	5
39	Clinical usefulness of multigene screening with phenotype-driven bioinformatics analysis for the diagnosis of patients with monogenic diabetes or severe insulin resistance. Diabetes Research and Clinical Practice, 2020, 169, 108461.	2.8	3
40	Chronic Intestinal Pseudo-obstruction with Mitochondrial Diseases. Internal Medicine, 2022, 61, 469-474.	0.7	3
41	Pick the best of both glucose and lipid metabolism. Journal of Diabetes Investigation, 2022, 13, 1132-1133.	2.4	2
42	NFIA determines the cis-effect of genetic variation on Ucp1 expression in murinethermogenic adipocytes. IScience, 2022, 25, 104729.	4.1	2
43	Bodyâ€weightâ€independent glucoseâ€lowering effect of the Î²3â€adrenergic receptor agonist mirabegron in humans. Journal of Diabetes Investigation, 2021, 12, 689-690.	2.4	1