

Hironori Waki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4934627/publications.pdf>

Version: 2024-02-01

43
papers

16,528
citations

201385

27
h-index

223531

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.	15.2	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.	15.2	3,692
3	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003, 423, 762-769.	13.7	2,804
4	Impaired Multimerization of Human Adiponectin Mutants Associated with Diabetes. <i>Journal of Biological Chemistry</i> , 2003, 278, 40352-40363.	1.6	871
5	Adiponectin and AdipoR1 regulate PGC-1 β and mitochondria by Ca ²⁺ and AMPK/SIRT1. <i>Nature</i> , 2010, 464, 1313-1319.	13.7	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.	1.6	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.	1.6	575
8	NR4A orphan nuclear receptors are transcriptional regulators of hepatic glucose metabolism. <i>Nature Medicine</i> , 2006, 12, 1048-1055.	15.2	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.	1.4	275
10	Endocrine Functions of Adipose Tissue. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2007, 2, 31-56.	9.6	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.	3.9	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.	7.2	180
13	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. <i>Nature Genetics</i> , 2002, 30, 221-226.	9.4	148
14	Selective purification and characterization of adiponectin multimer species from human plasma. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 487-493.	1.0	129
15	TLE3 Is a Dual-Function Transcriptional Coregulator of Adipogenesis. <i>Cell Metabolism</i> , 2011, 13, 413-427.	7.2	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, .	1.1	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.	1.5	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.	1.6	78

#	ARTICLE	IF	CITATIONS
19	The Small Molecule Phenamil Induces Osteoblast Differentiation and Mineralization. <i>Molecular and Cellular Biology</i> , 2009, 29, 3905-3914.	1.1	78
20	Small Molecule-Induced Complement Factor D (Adipsin) Promotes Lipid Accumulation and Adipocyte Differentiation. <i>PLoS ONE</i> , 2016, 11, e0162228.	1.1	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.	4.6	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.	2.0	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.	3.9	33
26	Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner. <i>Scientific Reports</i> , 2017, 7, 6516.	1.6	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.	2.4	28
28	The Epigenome and Its Role in Diabetes. <i>Current Diabetes Reports</i> , 2012, 12, 673-685.	1.7	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.	1.2	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.	1.5	20
31	STAMPing out Inflammation. <i>Cell</i> , 2007, 129, 451-452.	13.5	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.	0.6	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.	1.1	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.	1.6	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.	0.3	8
36	Diabetes care providers' manual for disaster diabetes care. <i>Diabetology International</i> , 2019, 10, 153-179.	0.7	6

#	ARTICLE	IF	CITATIONS
37	Diabetes Care Providersâ€™ Manual for Disaster Diabetes Care. Journal of Diabetes Investigation, 2019, 10, 1118-1142.	1.1	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.	1.1	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.	1.1	3
40	Chronic Intestinal Pseudo-obstruction with Mitochondrial Diseases. Internal Medicine, 2022, 61, 469-474.	0.3	3
41	Pick the best of both glucose and lipid metabolism. Journal of Diabetes Investigation, 2022, 13, 1132-1133.	1.1	2
42	NFIA determines the cis-effect of genetic variation on Ucp1 expression in murinethermogenic adipocytes. IScience, 2022, 25, 104729.	1.9	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.	1.1	1