Jason K Kim

List of Publications by Year
in descending order

		6233	6630
178	25,264	80	156
papers	citations	h-index	g-index

186	186	186	29711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Muscle-generated BDNF (brain derived neurotrophic factor) maintains mitochondrial quality control in female mice. Autophagy, 2022, 18, 1367-1384.	4.3	32
2	Beta-cell specific Insr deletion promotes insulin hypersecretion and improves glucose tolerance prior to global insulin resistance. Nature Communications, 2022, 13, 735.	5.8	20
3	Rho/ROCK mechanosensor in adipocyte stiffness and traction force generation. Biochemical and Biophysical Research Communications, 2022, 606, 42-48.	1.0	2
4	Characterization of viral insulins reveals white adipose tissue-specific effects in mice. Molecular Metabolism, 2021, 44, 101121.	3.0	13
5	Disrupted glucose homeostasis and skeletal-muscle-specific glucose uptake in an exocyst knockout mouse model. Journal of Biological Chemistry, 2021, 296, 100482.	1.6	8
6	Maternal exposure to highâ€fat diet during pregnancy and lactation predisposes normal weight offspring mice to develop hepatic inflammation and insulin resistance. Physiological Reports, 2021, 9, e14811.	0.7	7
7	Peripheral Insulin Regulates a Broad Network of Gene Expression in Hypothalamus, Hippocampus, and Nucleus Accumbens. Diabetes, 2021, 70, 1857-1873.	0.3	21
8	Characterization of Viral Insulin-Like Peptides Reveals Unique White Adipose Tissue Specific Characteristics. Journal of the Endocrine Society, 2021, 5, A437-A438.	0.1	0
9	Distinct Changes in Gut Microbiota Are Associated with Estradiol-Mediated Protection from Diet-Induced Obesity in Female Mice. Metabolites, 2021, 11, 499.	1.3	15
10	Insulin Sensitivity Is Retained in Mice with Endothelial Loss of Carcinoembryonic Antigen Cell Adhesion Molecule 1. Cells, 2021, 10, 2093.	1.8	4
11	Differential roles of FOXO transcription factors on insulin action in brown and white adipose tissue. Journal of Clinical Investigation, 2021, 131, .	3.9	14
12	CRISPR-enhanced human adipocyte browning as cell therapy for metabolic disease. Nature Communications, 2021, 12, 6931.	5.8	41
13	Thioredoxin Interacting Protein Is Required for a Chronic Energy-Rich Diet to Promote Intestinal Fructose Absorption. IScience, 2020, 23, 101521.	1.9	7
14	Identification of an Anti-diabetic, Orally Available Small Molecule that Regulates TXNIP Expression and Glucagon Action. Cell Metabolism, 2020, 32, 353-365.e8.	7.2	56
15	Muscle-Specific Insulin Receptor Overexpression Protects Mice From Diet-Induced Glucose Intolerance but Leads to Postreceptor Insulin Resistance. Diabetes, 2020, 69, 2294-2309.	0.3	11
16	Hepatic NADH reductive stress underlies common variation in metabolic traits. Nature, 2020, 583, 122-126.	13.7	108
17	Exogenous GDF11, but not GDF8, reduces body weight and improves glucose homeostasis in mice. Scientific Reports, 2020, 10, 4561.	1.6	15
18	Arrestin domain-containing 3 (Arrdc3) modulates insulin action and glucose metabolism in liver. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6733-6740.	3.3	35

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19	A big-data approach to understanding metabolic rate and response to obesity in laboratory mice. ELife, 2020, 9, .	2.8	54
20	Defective daily temperature regulation in a mouse model of amyotrophic lateral sclerosis. Experimental Neurology, 2019, 311, 305-312.	2.0	5
21	Muscle-generated BDNF is a sexually dimorphic myokine that controls metabolic flexibility. Science Signaling, 2019, 12, .	1.6	50
22	A Receptor of the Immunoglobulin Superfamily Regulates Adaptive Thermogenesis. Cell Reports, 2019, 28, 773-791.e7.	2.9	35
23	Hyperinsulinemia drives hepatic insulin resistance in male mice with liver-specific Ceacam1 deletion independently of lipolysis. Metabolism: Clinical and Experimental, 2019, 93, 33-43.	1.5	38
24	GABA-stimulated adipose-derived stem cells suppress subcutaneous adipose inflammation in obesity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11936-11945.	3.3	48
25	Multi-dimensional Transcriptional Remodeling by Physiological Insulin InÂVivo. Cell Reports, 2019, 26, 3429-3443.e3.	2.9	62
26	Adiposityâ€‐independent Effects of Aging on Insulin Sensitivity and Clearance in Mice and Humans. Obesity, 2019, 27, 434-443.	1.5	34
27	Interleukin-6 derived from cutaneous deficiency of stearoyl-CoA desaturase- 1 may mediate metabolic organ crosstalk among skin, adipose tissue and liver. Biochemical and Biophysical Research Communications, 2019, 508, 87-91.	1.0	11
28	Loss of Nuclear and Membrane Estrogen Receptor-Î± Differentially Impairs Insulin Secretion and Action in Male and Female Mice. Diabetes, 2019, 68, 490-501.	0.3	43
29	Mss51 deletion enhances muscle metabolism and glucose homeostasis in mice. JCI Insight, 2019, 4, .	2.3	16
30	SAT-174 Loss of CEACAM1 in Endothelial Cells Causes Hepatic Fibrogenesis. Journal of the Endocrine Society, 2019, 3, .	0.1	0
31	SUN-092 Distinct Changes in Gut Microbiota Are Associated with Estradiol-Mediated Protection from Diet-Induced Obesity in Female Mice. Journal of the Endocrine Society, 2019, 3, .	0.1	0
32	SAT-151 Hyperinsulinemia-Driven Progressive Metabolic Dysfunction in Male Mice with Liver-Specific CEACAM1 Deletion. Journal of the Endocrine Society, 2019, 3, .	0.1	0
33	Nocturnal activation of melatonin receptor type 1 signaling modulates diurnal insulin sensitivity via regulation of <scp>PI</scp>3K activity. Journal of Pineal Research, 2018, 64, e12462.	3.4	62
34	Endoplasmic reticulum chaperone GRP78 regulates macrophage function and insulin resistance in dietâ€‐induced obesity. FASEB Journal, 2018, 32, 2292-2304.	0.2	28
35	CRISPR-delivery particles targeting nuclear receptorâ€“interacting protein 1 (Nrip1) in adipose cells to enhance energy expenditure. Journal of Biological Chemistry, 2018, 293, 17291-17305.	1.6	43
36	Myeloid-specificAcat1ablation attenuates inflammatory responses in macrophages, improves insulin sensitivity, and suppresses diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E340-E356.	1.8	23

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37	Myeloid-specific deletion of Zfp36 protects against insulin resistance and fatty liver in diet-induced obese mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E676-E693.	1.8	19
38	Gingerenone A, a polyphenol present in ginger, suppresses obesity and adipose tissue inflammation in highâ€fat dietâ€fed mice. Molecular Nutrition and Food Research, 2017, 61, 1700139.	1.5	85
39	A Protein Scaffold Coordinates SRC-Mediated JNK Activation in Response to Metabolic Stress. Cell Reports, 2017, 20, 2775-2783.	2.9	26
40	Liver-specific reconstitution of CEACAM1 reverses the metabolic abnormalities caused by its global deletion in male mice. Diabetologia, 2017, 60, 2463-2474.	2.9	29
41	Sclerostin influences body composition by regulating catabolic and anabolic metabolism in adipocytes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11238-E11247.	3.3	125
42	Nrg4 promotes fuel oxidation and a healthy adipokine profile to ameliorate diet-induced metabolic disorders. Molecular Metabolism, 2017, 6, 863-872.	3.0	97
43	Adipocyte lipid synthesis coupled to neuronal control of thermogenic programming. Molecular Metabolism, 2017, 6, 781-796.	3.0	52
44	ILâ€10 prevents agingâ€associated inflammation and insulin resistance in skeletal muscle. FASEB Journal, 2017, 31, 701-710.	0.2	106
45	Cardiac-Specific Disruption of GH Receptor Alters Glucose Homeostasis While Maintaining Normal Cardiac Performance in Adult Male Mice. Endocrinology, 2016, 157, 1929-1941.	1.4	20
46	Adipocyte-specific Hypoxia-inducible gene 2 promotes fat deposition and diet-induced insulin resistance. Molecular Metabolism, 2016, 5, 1149-1161.	3.0	42
47	Glucose Transporter-4 Facilitates Insulin-Stimulated Glucose Uptake in Osteoblasts. Endocrinology, 2016, 157, 4094-4103.	1.4	67
48	Altered Interleukin-10 Signaling in Skeletal Muscle Regulates Obesity-Mediated Inflammation and Insulin Resistance. Molecular and Cellular Biology, 2016, 36, 2956-2966.	1.1	59
49	Protein Kinase Mitogen-activated Protein Kinase Kinase Kinase Kinase 4 (MAP4K4) Promotes Obesity-induced Hyperinsulinemia. Journal of Biological Chemistry, 2016, 291, 16221-16230.	1.6	17
50	Human 'brite/beige' adipocytes develop from capillary networks, and their implantation improves metabolic homeostasis in mice. Nature Medicine, 2016, 22, 312-318.	15.2	267
51	Genetic ablation of lymphocytes and cytokine signaling in nonobese diabetic mice prevents dietâ€induced obesity and insulin resistance. FASEB Journal, 2016, 30, 1328-1338.	0.2	12
52	Tenomodulin promotes human adipocyte differentiation and beneficial visceral adipose tissue expansion. Nature Communications, 2016, 7, 10686.	5.8	56
53	Dietary Betaine Supplementation Increases Fgf21 Levels to Improve Glucose Homeostasis and Reduce Hepatic Lipid Accumulation in Mice. Diabetes, 2016, 65, 902-912.	0.3	79
54	Increased Glucose-induced Secretion of Glucagon-like Peptide-1 in Mice Lacking the Carcinoembryonic Antigen-related Cell Adhesion Molecule 2 (CEACAM2). Journal of Biological Chemistry, 2016, 291, 980-988.	1.6	5

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55	ChREBP regulates fructose-induced glucose production independently of insulin signaling. Journal of Clinical Investigation, 2016, 126, 4372-4386.	3.9	159
56	PI3-kinase mutation linked to insulin and growth factor resistance in vivo. Journal of Clinical Investigation, 2016, 126, 1401-1412.	3.9	51
57	Excitatory transmission onto AgRP neurons is regulated by cJun NH2-terminal kinase 3 in response to metabolic stress. ELife, 2016, 5, e10031.	2.8	28
58	An alternative splicing program promotes adipose tissue thermogenesis. ELife, 2016, 5, .	2.8	55
59	Safety of Striatal Infusion of siRNA in a Transgenic Huntingtonâ€™s Disease Mouse Model. Journal of Huntington's Disease, 2015, 4, 219-229.	0.9	7
60	Deficiency of the Tumor Promoter Genewip1Induces Insulin Resistance. Molecular Endocrinology, 2015, 29, 28-39.	3.7	5
61	Transient receptor potential vanilloid type-1 channel regulates diet-induced obesity, insulin resistance, and leptin resistance. FASEB Journal, 2015, 29, 3182-3192.	0.2	112
62	A major role of insulin in promoting obesity-associated adipose tissue inflammation. Molecular Metabolism, 2015, 4, 507-518.	3.0	116
63	Forced Hepatic Overexpression of CEACAM1 Curtails Diet-Induced Insulin Resistance. Diabetes, 2015, 64, 2780-2790.	0.3	48
64	Inducible Deletion of Protein Kinase Map4k4 in Obese Mice Improves Insulin Sensitivity in Liver and Adipose Tissues. Molecular and Cellular Biology, 2015, 35, 2356-2365.	1.1	27
65	Altered miRNA processing disrupts brown/white adipocyte determination and associates with lipodystrophy. Journal of Clinical Investigation, 2014, 124, 3339-3351.	3.9	149
66	RAGE Regulates the Metabolic and Inflammatory Response to High-Fat Feeding in Mice. Diabetes, 2014, 63, 1948-1965.	0.3	168
67	Transgenic Expression of Dominant-Active IDOL in Liver Causes Diet-Induced Hypercholesterolemia and Atherosclerosis in Mice. Circulation Research, 2014, 115, 442-449.	2.0	21
68	MicroRNA-378 controls classical brown fat expansion to counteract obesity. Nature Communications, 2014, 5, 4725.	5.8	106
69	The PPARÎ±-FGF21 Hormone Axis Contributes to Metabolic Regulation by the Hepatic JNK Signaling Pathway. Cell Metabolism, 2014, 20, 512-525.	7.2	149
70	IL-1 Signaling in Obesity-Induced Hepatic Lipogenesis and Steatosis. PLoS ONE, 2014, 9, e107265.	1.1	116
71	Diet-induced obesity mediated by the JNK/DIO2 signal transduction pathway. Genes and Development, 2013, 27, 2345-2355.	2.7	38
72	CD40 deficiency in mice exacerbates obesity-induced adipose tissue inflammation, hepatic steatosis, and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E951-E963.	1.8	46

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73	JNK Expression by Macrophages Promotes Obesity-Induced Insulin Resistance and Inflammation. Science, 2013, 339, 218-222.	6.0	544
74	GRP78 plays an essential role in adipogenesis and postnatal growth in mice. FASEB Journal, 2013, 27, 955-964.	0.2	45
75	Glucose Tolerance in Mice is Linked to the Dose of the p53 Transactivation Domain. Endocrine Research, 2013, 38, 139-150.	0.6	21
76	Role of the Mixed-Lineage Protein Kinase Pathway in the Metabolic Stress Response to Obesity. Cell Reports, 2013, 4, 681-688.	2.9	34
77	Baf60c drives glycolytic metabolism in the muscle and improves systemic glucose homeostasis through Deptor-mediated Akt activation. Nature Medicine, 2013, 19, 640-645.	15.2	121
78	Molecular network analysis of phosphotyrosine and lipid metabolism in hepatic PTP1b deletion mice. Integrative Biology (United Kingdom), 2013, 5, 940.	0.6	19
79	Cardiac Expression of Human Type 2 Iodothyronine Deiodinase Increases Glucose Metabolism and Protects Against Doxorubicin-induced Cardiac Dysfunction in Male Mice. Endocrinology, 2013, 154, 3937-3946.	1.4	18
80	Role of TRPM2 in cell proliferation and susceptibility to oxidative stress. American Journal of Physiology - Cell Physiology, 2013, 304, C548-C560.	2.1	54
81	Short-term weight loss attenuates local tissue inflammation and improves insulin sensitivity without affecting adipose inflammation in obese mice. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E964-E976.	1.8	42
82	KLF15 Is a Molecular Link between Endoplasmic Reticulum Stress and Insulin Resistance. PLoS ONE, 2013, 8, e77851.	1.1	35
83	TRPM2 Ca²⁺ channel regulates energy balance and glucose metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E807-E816.	1.8	64
84	Cytoplasmic Polyadenylation Element Binding Protein Deficiency Stimulates PTEN and Stat3 mRNA Translation and Induces Hepatic Insulin Resistance. PLoS Genetics, 2012, 8, e1002457.	1.5	46
85	Hepatic Src Homology Phosphatase 2 Regulates Energy Balance in Mice. Endocrinology, 2012, 153, 3158-3169.	1.4	47
86	Gut-Derived Serotonin Is a Multifunctional Determinant to Fasting Adaptation. Cell Metabolism, 2012, 16, 588-600.	7.2	173
87	Long-term, efficient inhibition of microRNA function in mice using rAAV vectors. Nature Methods, 2012, 9, 403-409.	9.0	188
88	Essential role of protein tyrosine phosphatase 1B in obesityâ€induced inflammation and peripheral insulin resistance during aging. Aging Cell, 2012, 11, 284-296.	3.0	78
89	Endothelial Nuclear Factor ÎºB in Obesity and Aging. Circulation, 2012, 125, 1081-1083.	1.6	39
90	New insights into insulin resistance in the diabetic heart. Trends in Endocrinology and Metabolism, 2011, 22, 394-403.	3.1	90

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91	The association of phosphoinositide 3â€kinase enhancer A with hepatic insulin receptor enhances its kinase activity. EMBO Reports, 2011, 12, 847-854.	2.0	11
92	Circulating sphingolipid biomarkers in models of type 1 diabetes. Journal of Lipid Research, 2011, 52, 509-517.	2.0	133
93	Links Between Insulin Resistance, Adenosine A2B Receptors, and Inflammatory Markers in Mice and Humans. Diabetes, 2011, 60, 669-679.	0.3	104
94	Inflammation and Insulin Resistance: An Old Story with New Ideas. Korean Diabetes Journal, 2010, 34, 137.	0.8	12
95	Deficiency of Phosphoinositide 3-Kinase Enhancer Protects Mice From Diet-Induced Obesity and Insulin Resistance. Diabetes, 2010, 59, 883-893.	0.3	24
96	Role of Muscle c-Jun NH₂-Terminal Kinase 1 in Obesity-Induced Insulin Resistance. Molecular and Cellular Biology, 2010, 30, 106-115.	1.1	132
97	Role of the hypothalamicâ€“pituitaryâ€“thyroid axis in metabolic regulation by JNK1. Genes and Development, 2010, 24, 256-264.	2.7	103
98	Fat Cellâ€“Specific Ablation of Rictor in Mice Impairs Insulin-Regulated Fat Cell and Whole-Body Glucose and Lipid Metabolism. Diabetes, 2010, 59, 1397-1406.	0.3	238
99	Requirement of the ATM/p53 Tumor Suppressor Pathway for Glucose Homeostasis. Molecular and Cellular Biology, 2010, 30, 5787-5794.	1.1	105
100	Early Hepatic Insulin Resistance Precedes the Onset of Diabetes in Obese C57BLKS-db/db Mice. Diabetes, 2010, 59, 1616-1625.	0.3	59
101	Uncoupling of Inflammation and Insulin Resistance by NF-ÎºB in Transgenic Mice through Elevated Energy Expenditure. Journal of Biological Chemistry, 2010, 285, 4637-4644.	1.6	138
102	Grp78 Heterozygosity Promotes Adaptive Unfolded Protein Response and Attenuates Diet-Induced Obesity and Insulin Resistance. Diabetes, 2010, 59, 6-16.	0.3	157
103	Requirement of JIP1-Mediated c-Jun N-Terminal Kinase Activation for Obesity-Induced Insulin Resistance. Molecular and Cellular Biology, 2010, 30, 4616-4625.	1.1	23
104	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 2 Controls Energy Balance and Peripheral Insulin Action in Mice. Gastroenterology, 2010, 139, 644-652.e1.	0.6	18
105	PKCÎ¶-Regulated Inflammation in the Nonhematopoietic Compartment Is Critical for Obesity-Induced Glucose Intolerance. Cell Metabolism, 2010, 12, 65-77.	7.2	26
106	FoxO1 expression in osteoblasts regulates glucose homeostasis through regulation of osteocalcin in mice. Journal of Clinical Investigation, 2010, 120, 357-368.	3.9	196
107	Increased Hepatic Insulin Action in Diet-Induced Obese Mice Following Inhibition of Glucosylceramide Synthase. PLoS ONE, 2010, 5, e11239.	1.1	29
108	The transcription factor ATF4 regulates glucose metabolism in mice through its expression in osteoblasts. Journal of Clinical Investigation, 2009, 119, 2807-2817.	3.9	193

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109	Nutrient Stress Activates Inflammation and Reduces Glucose Metabolism by Suppressing AMP-Activated Protein Kinase in the Heart. Diabetes, 2009, 58, 2536-2546.	0.3	140
110	COMP-angiopoietin-1 enhances skeletal muscle blood flow and insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E402-E409.	1.8	22
111	Liver-Specific Deletion of Protein-Tyrosine Phosphatase 1B (PTP1B) Improves Metabolic Syndrome and Attenuates Diet-Induced Endoplasmic Reticulum Stress. Diabetes, 2009, 58, 590-599.	0.3	237
112	Skeletal Muscle-Specific Deletion of Lipoprotein Lipase Enhances Insulin Signaling in Skeletal Muscle but Causes Insulin Resistance in Liver and Other Tissues. Diabetes, 2009, 58, 116-124.	0.3	94
113	Interleukin-10 Prevents Diet-Induced Insulin Resistance by Attenuating Macrophage and Cytokine Response in Skeletal Muscle. Diabetes, 2009, 58, 2525-2535.	0.3	329
114	An Osteoblastâ€dependent Mechanism Contributes to the Leptin Regulation of Insulin Secretion. Annals of the New York Academy of Sciences, 2009, 1173, E20-30.	1.8	51
115	Prevention of Steatosis by Hepatic JNK1. Cell Metabolism, 2009, 10, 491-498.	7.2	130
116	KSR2 Is an Essential Regulator of AMP Kinase, Energy Expenditure, and Insulin Sensitivity. Cell Metabolism, 2009, 10, 366-378.	7.2	128
117	Fibroblast Growth Factor 21 Reverses Hepatic Steatosis, Increases Energy Expenditure, and Improves Insulin Sensitivity in Diet-Induced Obese Mice. Diabetes, 2009, 58, 250-259.	0.3	970
118	Hyperinsulinemicâ€“Euglycemic Clamp to Assess Insulin Sensitivity In Vivo. Methods in Molecular Biology, 2009, 560, 221-238.	0.4	148
119	Txnip balances metabolic and growth signaling via PTEN disulfide reduction. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3921-3926.	3.3	193
120	The Melanocortin-3 Receptor Is Required for Entrainment to Meal Intake. Journal of Neuroscience, 2008, 28, 12946-12955.	1.7	120
121	A Stress Signaling Pathway in Adipose Tissue Regulates Hepatic Insulin Resistance. Science, 2008, 322, 1539-1543.	6.0	506
122	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1. Diabetes, 2008, 57, 2296-2303.	0.3	89
123	The sympathetic tone mediates leptin's inhibition of insulin secretion by modulating osteocalcin bioactivity. Journal of Cell Biology, 2008, 183, 1235-1242.	2.3	234
124	Comparison between surrogate indexes of insulin sensitivity and resistance and hyperinsulinemic euglycemic clamp estimates in mice. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E261-E270.	1.8	136
125	Abstract 1766: Diet-Induced Obesity Causes Inflammation by Activating Toll-Like Receptor 4 Signaling and Downregulates AMPK in Heart. Circulation, 2008, 118, .	1.6	0
126	Abstract 5384: Acute Lipid Infusion Causes Macrophage Infiltration, Local Inflammation, and Suppresses AMPK in Heart. Circulation, 2008, 118, .	1.6	0

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127	Loss of the Par-1b/MARK2 polarity kinase leads to increased metabolic rate, decreased adiposity, and insulin hypersensitivity in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5680-5685.	3.3	70
128	Hyperglycemia, maturity-onset obesity, and insulin resistance in NONcNZO10/LtJ males, a new mouse model of type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E327-E336.	1.8	51
129	The Proinflammatory Cytokine Macrophage Migration Inhibitory Factor Regulates Glucose Metabolism during Systemic Inflammation. Journal of Immunology, 2007, 179, 5399-5406.	0.4	101
130	Nonobese, insulin-deficient Ins2^{Akita}mice develop type 2 diabetes phenotypes including insulin resistance and cardiac remodeling. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1687-E1696.	1.8	64
131	Improved Glucose Homeostasis in Mice with Muscle-Specific Deletion of Protein-Tyrosine Phosphatase 1B. Molecular and Cellular Biology, 2007, 27, 7727-7734.	1.1	147
132	Regulation of Gluconeogenesis by KrÃ¼ppel-like Factor 15. Cell Metabolism, 2007, 5, 305-312.	7.2	211
133	Endocrine Regulation of Energy Metabolism by the Skeleton. Cell, 2007, 130, 456-469.	13.5	2,151
134	Overexpression of uncoupling protein 3 in skeletal muscle protects against fat-induced insulin resistance. Journal of Clinical Investigation, 2007, 117, 1995-2003.	3.9	162
135	Abstract 1209: Interleukin-6 Reduces Myocardial Glucose Metabolism by Altering AMPK, Insulin Signaling, and PKC-? in Mice. Circulation, 2007, 116, .	1.6	0
136	Mice lacking MAP kinase phosphatase-1 have enhanced MAP kinase activity and resistance to diet-induced obesity. Cell Metabolism, 2006, 4, 61-73.	7.2	197
137	Fat uses a TOLL-road to connect inflammation and diabetes. Cell Metabolism, 2006, 4, 417-419.	7.2	89
138	The SHP-1 protein tyrosine phosphatase negatively modulates glucose homeostasis. Nature Medicine, 2006, 12, 549-556.	15.2	141
139	Effects of chronic Akt activation on glucose uptake in the heart. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E789-E797.	1.8	49
140	Mechanism of glucose intolerance in mice with dominant negative mutation of CEACAM1. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E517-E524.	1.8	42
141	Regulation of Metabolic Responses by Adipocyte/ Macrophage Fatty Acid-Binding Proteins in Leptin-Deficient Mice. Diabetes, 2006, 55, 1915-1922.	0.3	85
142	Hormone-sensitive lipase knockout mice have increased hepatic insulin sensitivity and are protected from short-term diet-induced insulin resistance in skeletal muscle and heart. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E30-E39.	1.8	79
143	Caveolin-3 knockout mice show increased adiposity and whole body insulin resistance, with ligand-induced insulin receptor instability in skeletal muscle. American Journal of Physiology - Cell Physiology, 2005, 288, C1317-C1331.	2.1	94
144	Cardiac-Specific Overexpression of Peroxisome Proliferator-Activated Receptor-Â Causes Insulin Resistance in Heart and Liver. Diabetes, 2005, 54, 2514-2524.	0.3	113

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145	Adipocyte-Specific Overexpression of FOXC2 Prevents Diet-Induced Increases in Intramuscular Fatty Acyl CoA and Insulin Resistance. Diabetes, 2005, 54, 1657-1663.	0.3	68
146	Unraveling the Temporal Pattern of Diet-Induced Insulin Resistance in Individual Organs and Cardiac Dysfunction in C57BL/6 Mice. Diabetes, 2005, 54, 3530-3540.	0.3	251
147	Role of Rho-kinase in regulation of insulin action and glucose homeostasis. Cell Metabolism, 2005, 2, 119-129.	7.2	148
148	Syntaxin 4 Transgenic Mice Exhibit Enhanced Insulin-Mediated Glucose Uptake in Skeletal Muscle. Diabetes, 2004, 53, 2223-2231.	0.3	58
149	Cardiac-specific Knock-out of Lipoprotein Lipase Alters Plasma Lipoprotein Triglyceride Metabolism and Cardiac Gene Expression. Journal of Biological Chemistry, 2004, 279, 25050-25057.	1.6	107
150	Transgenic Overexpression of Protein-tyrosine Phosphatase 1B in Muscle Causes Insulin Resistance, but Overexpression with Leukocyte Antigen-related Phosphatase Does Not Additively Impair Insulin Action. Journal of Biological Chemistry, 2004, 279, 24844-24851.	1.6	144
151	Differential Effects of Interleukin-6 and -10 on Skeletal Muscle and Liver Insulin Action In Vivo. Diabetes, 2004, 53, 1060-1067.	0.3	459
152	Nonacute effects of H-FABP deficiency on skeletal muscle glucose uptake in vitro. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E977-E982.	1.8	23
153	Comparing adiposity profiles in three mouse models with altered GH signaling. Growth Hormone and IGF Research, 2004, 14, 309-318.	0.5	244
154	Inactivation of fatty acid transport protein 1 prevents fat-induced insulin resistance in skeletal muscle. Journal of Clinical Investigation, 2004, 113, 756-763.	3.9	195
155	Hypertension and abnormal fat distribution but not insulin resistance in mice with P465L PPARÎ³. Journal of Clinical Investigation, 2004, 114, 240-249.	3.9	125
156	PKC-Î¸ knockout mice are protected from fat-induced insulin resistance. Journal of Clinical Investigation, 2004, 114, 823-827.	3.9	371
157	PKC-Î¸ knockout mice are protected from fat-induced insulin resistance. Journal of Clinical Investigation, 2004, 114, 823-827.	3.9	226
158	Inactivation of fatty acid transport protein 1 prevents fat-induced insulin resistance in skeletal muscle. Journal of Clinical Investigation, 2004, 113, 756-763.	3.9	99
159	Hypertension and abnormal fat distribution but not insulin resistance in mice with P465L PPARÎ³. Journal of Clinical Investigation, 2004, 114, 240-249.	3.9	89
160	Genetic Modulation of PPARÎ³ Phosphorylation Regulates Insulin Sensitivity. Developmental Cell, 2003, 5, 657-663.	3.1	189
161	Differential Effects of Rosiglitazone on Skeletal Muscle and Liver Insulin Resistance in A-ZIP/F-1 Fatless Mice. Diabetes, 2003, 52, 1311-1318.	0.3	87
162	Insulin Resistance in Tetracycline-Repressible Munc18c Transgenic Mice. Diabetes, 2003, 52, 1910-1917.	0.3	40

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163	Mechanism by Which Fatty Acids Inhibit Insulin Activation of Insulin Receptor Substrate-1 (IRS-1)-associated Phosphatidylinositol 3-Kinase Activity in Muscle. Journal of Biological Chemistry, 2002, 277, 50230-50236.	1.6	1,254
164	Adrenalectomy Improves Diabetes in A-ZIP/F-1 Lipoatrophic Mice by Increasing Both Liver and Muscle Insulin Sensitivity. Diabetes, 2002, 51, 2113-2118.	0.3	42
165	Insulin Resistance and a Diabetes Mellitus-Like Syndrome in Mice Lacking the Protein Kinase Akt2 (PKBbeta). Science, 2001, 292, 1728-1731.	6.0	1,652
166	Adipose-selective targeting of the GLUT4 gene impairs insulin action in muscle and liver. Nature, 2001, 409, 729-733.	13.7	1,058
167	Functional inactivation of the IGF-I and insulin receptors in skeletal muscle causes type 2 diabetes. Genes and Development, 2001, 15, 1926-1934.	2.7	323
168	Glucose toxicity and the development of diabetes in mice with muscle-specific inactivation of GLUT4. Journal of Clinical Investigation, 2001, 108, 153-160.	3.9	162
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