Michael J Quon

List of Publications by Year
in descending order

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201 papers	27,260 citations	6606 79 h-index	5677 162 g-index
203 all docs	203 docs citations	203 times ranked	27190 citing authors

#	Article	IF	Citations
1	When MINMOD Artifactually Interprets Strong Insulin Secretion as Weak Insulin Action. Frontiers in Physiology, 2021, 12, 601894.	1.3	5
2	Race affects the association of obesity measures with insulin sensitivity. American Journal of Clinical Nutrition, 2020, 111, 515-525.	2.2	19
3	Endothelial dysfunction due to selective insulin resistance in vascular endothelium: insights from mechanistic modeling. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E629-E646.	1.8	43
4	Monocyte DPP4 Expression in Human Atherosclerosis Is Associated With Obesity and Dyslipidemia. Diabetes Care, 2018, 41, e1-e3.	4.3	9
5	Simvastatin Treatment Protects Myocardium in Noncoronary Artery Cardiac Surgery by Inhibiting Apoptosis Through miR-15a-5p Targeting. Journal of Cardiovascular Pharmacology, 2018, 72, 176-185.	0.8	14
6	Deletion of interleukin 1 receptor-associated kinase 1 (Irak1) improves glucose tolerance primarily by increasing insulin sensitivity in skeletal muscle. Journal of Biological Chemistry, 2017, 292, 12339-12350.	1.6	28
7	Transgenic mice with ectopic expression of constitutively active TLR4 in adipose tissues do not show impaired insulin sensitivity. Immunity, Inflammation and Disease, 2017, 5, 526-540.	1.3	1
8	Acute vascular and metabolic actions of the green tea polyphenol epigallocatechin 3-gallate in rat skeletal muscle. Journal of Nutritional Biochemistry, 2017, 40, 23-31.	1.9	12
9	Combining Potent Statin Therapy with Other Drugs to Optimize Simultaneous Cardiovascular and Metabolic Benefits while Minimizing Adverse Events. Korean Circulation Journal, 2017, 47, 432.	0.7	18
10	Direct Evidence that Myocardial Insulin Resistance following Myocardial Ischemia Contributes to Post-Ischemic Heart Failure. Scientific Reports, 2016, 5, 17927.	1.6	38
11	Infliximab therapy restores adiponectin expression in perivascular adipose tissue and improves endothelial nitric oxide-mediated vasodilation in mice with type 1 diabetes. Vascular Pharmacology, 2016, 87, 83-91.	1.0	15
12	Estrogen deprivation in primate pregnancy leads to insulin resistance in offspring. Journal of Endocrinology, 2016, 230, 171-183.	1.2	18
13	Evidence for several independent genetic variants affecting lipoprotein (a) cholesterol levels. Human Molecular Genetics, 2015, 24, 2390-2400.	1.4	47
14	Cellular Stress, Excessive Apoptosis, and the Effect of Metformin in a Mouse Model of Type 2 Diabetic Embryopathy. Diabetes, 2015, 64, 2526-2536.	0.3	64
15	ASK1 mediates the teratogenicity of diabetes in the developing heart by inducing ER stress and inhibiting critical factors essential for cardiac development. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E487-E499.	1.8	41
16	Dominant negative FADD dissipates the proapoptotic signalosome of the unfolded protein response in diabetic embryopathy. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E861-E873.	1.8	17
17	Man shall not live by bread alone. Nutrition, 2015, 31, 244-247.	1.1	1
18	Exenatide Treatment for 6 Months Improves Insulin Sensitivity in Adults With Type 1 Diabetes. Diabetes Care, 2014, 37, 666-670.	4.3	76

#	Article	IF	Citations
19	Response to Comment on Sarkar et al. Exenatide Treatment for 6 Months Improves Insulin Sensitivity in Adults With Type 1 Diabetes. Diabetes Care 2014;37:666â€“670. Diabetes Care, 2014, 37, e219-e220.	4.3	0
20	Differential Metabolic Actions of Specific Statins: Clinical and Therapeutic Considerations. Antioxidants and Redox Signaling, 2014, 20, 1286-1299.	2.5	20
21	New insights into the mechanisms of polyphenols beyond antioxidant properties; lessons from the green tea polyphenol, epigallocatechin 3-gallate. Redox Biology, 2014, 2, 187-195.	3.9	603
22	Modulation of adiponectin as a potential therapeutic strategy. Atherosclerosis, 2014, 233, 721-728.	0.4	111
23	Vascular and Metabolic Actions of the Green Tea Polyphenol Epigallocatechin Gallate. Current Medicinal Chemistry, 2014, 22, 59-69.	1.2	70
24	Differential metabolic effects of rosuvastatin and pravastatin in hypercholesterolemic patients. International Journal of Cardiology, 2013, 166, 509-515.	0.8	48
25	Potentially important considerations in choosing specific statin treatments to reduce overall morbidity and mortality. International Journal of Cardiology, 2013, 167, 1696-1702.	0.8	31
26	Mechanisms for food polyphenols to ameliorate insulin resistance and endothelial dysfunction: therapeutic implications for diabetes and its cardiovascular complications. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E679-E686.	1.8	83
27	Toll-like receptor 2 mediates high-fat diet-induced impairment of vasodilator actions of insulin. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E1077-E1088.	1.8	40
28	Improvement of vascular insulin sensitivity by downregulation of GRK2 mediates exercise-induced alleviation of hypertension in spontaneously hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1111-H1119.	1.5	32
29	Distinct Mechanisms for Globular Adiponectin That Integrate Vascular and Metabolic Actions of Insulin to Help Maintain Coordinated Cardiovascular and Glucose Homeostasis. Circulation Research, 2013, 112, 1205-1207.	2.0	4
30	Combination Pravastatin and Valsartan Treatment Has Additive Beneficial Effects to Simultaneously Improve Both Metabolic and Cardiovascular Phenotypes Beyond That of Monotherapy With Either Drug in Patients With Primary Hypercholesterolemia. Diabetes, 2013, 62, 3547-3552.	0.3	26
31	Improved insulin sensitivity and reduced adiposity with aP2 driven TLR4 overexpression in transgenic mice. FASEB Journal, 2013, 27, 1083.6.	0.2	0
32	Extracellular conversion of adiponectin hexamers into trimers. Bioscience Reports, 2012, 32, 641-652.	1.1	9
33	Significant differential effects of omega-3 fatty acids and fenofibrate in patients with hypertriglyceridemia. Atherosclerosis, 2012, 220, 537-544.	0.4	52
34	Deterioration of glucose homeostasis in type 2 diabetic patients one year after beginning of statins therapy. Atherosclerosis, 2012, 223, 197-203.	0.4	44
35	Caveats to aggressive lowering of lipids by specific statins. International Journal of Cardiology, 2012, 154, 97-101.	0.8	21
36	Epigallocatechin gallate induces expression of heme oxygenase-1 in endothelial cells via p38 MAPK and Nrf-2 that suppresses proinflammatory actions of TNF-Î±. Journal of Nutritional Biochemistry, 2012, 23, 1134-1145.	1.9	93

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37	Role of Lipotoxicity in Endothelial Dysfunction. Heart Failure Clinics, 2012, 8, 589-607.	1.0	94
38	Citrus Polyphenol Hesperidin Stimulates Production of Nitric Oxide in Endothelial Cells while Improving Endothelial Function and Reducing Inflammatory Markers in Patients with Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E782-E792.	1.8	241
39	B4GALNT3 Expression Predicts a Favorable Prognosis and Suppresses Cell Migration and Invasion via Î²1 Integrin Signaling in Neuroblastoma. American Journal of Pathology, 2011, 179, 1394-1404.	1.9	34
40	Additive beneficial effects of atorvastatin combined with amlodipine in patients with mild-to-moderate hypertension. International Journal of Cardiology, 2011, 146, 319-325.	0.8	29
41	Effects of simvastatin therapy on circulating adipocytokines in patients with hypercholesterolemia. International Journal of Cardiology, 2011, 146, 434-437.	0.8	21
42	Effects of fenofibrate therapy on circulating adipocytokines in patients with primary hypertriglyceridemia. Atherosclerosis, 2011, 214, 144-147.	0.4	34
43	Differential metabolic effects of distinct statins. Atherosclerosis, 2011, 215, 1-8.	0.4	116
44	Protein Kinase A-Î± Directly Phosphorylates FoxO1 in Vascular Endothelial Cells to Regulate Expression of Vascular Cellular Adhesion Molecule-1 mRNA. Journal of Biological Chemistry, 2011, 286, 6423-6432.	1.6	40
45	Comparison between Surrogate Indexes of Insulin Sensitivity/Resistance and Hyperinsulinemic Euglycemic Glucose Clamps in Rhesus Monkeys. Endocrinology, 2011, 152, 414-423.	1.4	26
46	Globular adiponectin counteracts VCAM-1-mediated monocyte adhesion via AdipoR1/NF-Î²B/COX-2 signaling in human aortic endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E1143-E1154.	1.8	37
47	SirT1 enhances survival of human osteoarthritic chondrocytes by repressing protein tyrosine phosphatase 1B and activating the insulinâ€like growth factor receptor pathway. Arthritis and Rheumatism, 2010, 62, 1383-1392.	6.7	113
48	Role of Renin-Angiotensin System Blockades in Reciprocal Relationship Between Insulin Resistance and Endothelial Dysfunction. Hypertension, 2010, 56, e169; author reply e170.	1.3	5
49	Green Tea Polyphenol Epigallocatechin Gallate Reduces Endothelin-1 Expression and Secretion in Vascular Endothelial Cells: Roles for AMP-Activated Protein Kinase, Akt, and FOXO1. Endocrinology, 2010, 151, 103-114.	1.4	91
50	Limited predictive ability of surrogate indices of insulin sensitivity/resistance in Asian-Indian men. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E1106-E1112.	1.8	17
51	Simple modeling allows prediction of steady-state glucose disposal rate from early data in hyperinsulinemic glucose clamps. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E229-E236.	1.8	10
52	Atorvastatin Causes Insulin Resistance and Increases Ambient Glycemia in Hypercholesterolemic Patients. Journal of the American College of Cardiology, 2010, 55, 1209-1216.	1.2	193
53	Distinct vascular and metabolic effects of different classes of anti-hypertensive drugs. International Journal of Cardiology, 2010, 140, 73-81.	0.8	68
54	GsÎ± Deficiency in Adipose Tissue Leads to a Lean Phenotype with Divergent Effects on Cold Tolerance and Diet-Induced Thermogenesis. Cell Metabolism, 2010, 11, 320-330.	7.2	38

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55	Combination therapy for treatment or prevention of atherosclerosis: Focus on the lipid-RAAS interaction. Atherosclerosis, 2010, 209, 307-313.	0.4	54
56	Treatment of spontaneously hypertensive rats with rosiglitazone ameliorates cardiovascular pathophysiology via antioxidant mechanisms in the vasculature. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E685-E694.	1.8	43
57	Comparison between surrogate indexes of insulin sensitivity/resistance and hyperinsulinemic euglycemic clamp estimates in rats. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1023-E1029.	1.8	81
58	Letter by Koh and Quon Regarding Article, â€œEvidence Mandating Earlier and More Aggressive Treatment of Hypercholesterolemiaâ€. Circulation, 2009, 119, e376; author reply e377.	1.6	0
59	C-Reactive Protein Inhibits Insulin Activation of Endothelial Nitric Oxide Synthase via the Immunoreceptor Tyrosine-Based Inhibition Motif of FcÎ³RIIB and SHIP-1. Circulation Research, 2009, 104, 1275-1282.	2.0	43
60	Insulin Receptor Dysfunction Impairs Cellular Clearance of Neurotoxic Oligomeric AÎ². Journal of Biological Chemistry, 2009, 284, 18742-18753.	1.6	130
61	Targeting converging therapeutic pathways to overcome hypertension. International Journal of Cardiology, 2009, 132, 297-299.	0.8	12
62	The importance of considering alternative or combination strategies for lowering LDL-C. International Journal of Cardiology, 2009, 136, 115-119.	0.8	9
63	Differential metabolic effects of pravastatin and simvastatin in hypercholesterolemic patients. Atherosclerosis, 2009, 204, 483-490.	0.4	107
64	Fish oil supplementation improves endothelial function in normoglycemic offspring of patients with type 2 diabetes. Atherosclerosis, 2009, 206, 569-574.	0.4	115
65	Endothelial Dysfunction in Mice with Streptozotocin-induced Type 1 Diabetes Is Opposed by Compensatory Overexpression of Cyclooxygenase-2 in the Vasculature. Endocrinology, 2009, 150, 849-861.	1.4	58
66	Current approaches for assessing insulin sensitivity and resistance in vivo: advantages, limitations, and appropriate usage. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E15-E26.	1.8	1,114
67	Amyloid beta oligomers induce impairment of neuronal insulin receptors. FASEB Journal, 2008, 22, 246-260.	0.2	514
68	Vascular and metabolic effects of treatment of combined hyperlipidemia: Focus on statins and fibrates. International Journal of Cardiology, 2008, 124, 149-159.	0.8	45
69	Leptin and Cardiovascular Disease. Circulation, 2008, 117, 3238-3249.	1.6	305
70	An Integrated View of Insulin Resistance and Endothelial Dysfunction. Endocrinology and Metabolism Clinics of North America, 2008, 37, 685-711.	1.2	158
71	Are statins effective for simultaneously treating dyslipidemias and hypertension?. Atherosclerosis, 2008, 196, 1-8.	0.4	33
72	Combination Therapy for Treatment or Prevention of Atherosclerosis. Hypertension, 2008, 52, e18; author reply e19.	1.3	6

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73	Protein Kinase C-Î¶ Phosphorylates Insulin Receptor Substrate-1, -3, and -4 But Not -2: Isoform Specific Determinants of Specificity in Insulin Signaling. Endocrinology, 2008, 149, 2451-2458.	1.4	31
74	Does reversal of oxidative stress and inflammation provide vascular protection?. Cardiovascular Research, 2008, 81, 649-659.	1.8	71
75	Cocoa consumption for 2 wk enhances insulin-mediated vasodilatation without improving blood pressure or insulin resistance in essential hypertension. American Journal of Clinical Nutrition, 2008, 88, 1685-1696.	2.2	142
76	Dehydroepiandrosterone Stimulates Phosphorylation of FoxO1 in Vascular Endothelial Cells via Phosphatidylinositol 3-Kinase- and Protein Kinase A-dependent Signaling Pathways to Regulate ET-1 Synthesis and Secretion. Journal of Biological Chemistry, 2008, 283, 29228-29238.	1.6	38
77	Consequences of Lipid Droplet Coat Protein Downregulation in Liver Cells. Diabetes, 2008, 57, 2037-2045.	0.3	179
78	Tumor Necrosis Factor-Î± Antagonism Improves Vasodilation During Hyperinsulinemia in Metabolic Syndrome. Diabetes Care, 2008, 31, 1439-1441.	4.3	52
79	S6K Directly Phosphorylates IRS-1 on Ser-270 to Promote Insulin Resistance in Response to TNF-Î± Signaling through IKK2. Journal of Biological Chemistry, 2008, 283, 35375-35382.	1.6	244
80	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
81	Simvastatin Improves Flow-Mediated Dilation but Reduces Adiponectin Levels and Insulin Sensitivity in Hypercholesterolemic Patients. Diabetes Care, 2008, 31, 776-782.	4.3	107
82	Insulin Action and Endothelial Function. , 2008, , 107-135.		1
83	Cardiovascular Actions of Insulin. Endocrine Reviews, 2007, 28, 463-491.	8.9	685
84	Efonidipine Simultaneously Improves Blood Pressure, Endothelial Function, and Metabolic Parameters in Nondiabetic Patients With Hypertension. Diabetes Care, 2007, 30, 1605-1607.	4.3	43
85	Epigallocatechin Gallate, a Green Tea Polyphenol, Mediates NO-dependent Vasodilation Using Signaling Pathways in Vascular Endothelium Requiring Reactive Oxygen Species and Fyn. Journal of Biological Chemistry, 2007, 282, 13736-13745.	1.6	200
86	Ghrelin has novel vascular actions that mimic PI 3-kinase-dependent actions of insulin to stimulate production of NO from endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E756-E764.	1.8	96
87	EGCG, a green tea polyphenol, improves endothelial function and insulin sensitivity, reduces blood pressure, and protects against myocardial I/R injury in SHR. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1378-E1387.	1.8	313
88	Epigallocatechin-3-gallate (EGCG), A Green Tea Polyphenol, Suppresses Hepatic Gluconeogenesis through 5â€²-AMP-activated Protein Kinase. Journal of Biological Chemistry, 2007, 282, 30143-30149.	1.6	296
89	Insulin action and insulin resistance in vascular endothelium. Current Opinion in Clinical Nutrition and Metabolic Care, 2007, 10, 523-530.	1.3	134
90	Reciprocal relationships between abnormal metabolic parameters and endothelial dysfunction. Current Opinion in Lipidology, 2007, 18, 58-65.	1.2	72

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91	Predicted effects of hemoglobin A1c assay precision on a patient population distribution of serial hemoglobin A1c difference values. Clinica Chimica Acta, 2007, 378, 201-205.	0.5	0
92	The effects of simvastatin, losartan, and combined therapy on soluble CD40 ligand in hypercholesterolemic, hypertensive patients. Atherosclerosis, 2007, 190, 205-211.	0.4	43
93	Combined therapy with ramipril and simvastatin has beneficial additive effects on tissue factor activity and prothrombin fragment 1+2 in patients with type 2 diabetes. Atherosclerosis, 2007, 194, 230-237.	0.4	25
94	Vascular, metabolic, and inflammatory abnormalities in normoglycemic offspring of patients with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2007, 56, 413-419.	1.5	35
95	Adiponectin and Cardiovascular Disease. Journal of the American College of Cardiology, 2007, 49, 531-538.	1.2	253
96	Reciprocal Relationships Between Insulin Resistance and Endothelial Dysfunction. Circulation, 2006, 113, 1888-1904.	1.6	1,387
97	PKCÎ´-mediated IRS-1 Ser24 phosphorylation negatively regulates IRS-1 function. Biochemical and Biophysical Research Communications, 2006, 349, 976-986.	1.0	43
98	Anti-inflammatory and metabolic effects of candesartan in hypertensive patients. International Journal of Cardiology, 2006, 108, 96-100.	0.8	96
99	Vascular and metabolic effects of candesartan: insights from therapeutic interventions. Journal of Hypertension, 2006, 24, S31-S38.	0.3	19
100	Additive beneficial cardiovascular and metabolic effects of combination therapy with ramipril and candesartan in hypertensive patients. European Heart Journal, 2006, 28, 1440-1447.	1.0	43
101	MKR mice are resistant to the metabolic actions of both insulin and adiponectin: discordance between insulin resistance and adiponectin responsiveness. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E298-E305.	1.8	38
102	Dehydroepiandrosterone Mimics Acute Actions of Insulin to Stimulate Production of Both Nitric Oxide and Endothelin 1 via Distinct Phosphatidylinositol 3-Kinase- and Mitogen-Activated Protein Kinase-Dependent Pathways in Vascular Endothelium. Molecular Endocrinology, 2006, 20, 1153-1163.	3.7	94
103	High-dose oral vitamin C partially replenishes vitamin C levels in patients with Type 2 diabetes and low vitamin C levels but does not improve endothelial dysfunction or insulin resistance. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H137-H145.	1.5	153
104	Additive Beneficial Effects of Fenofibrate Combined With Candesartan in the Treatment of Hypertriglyceridemic Hypertensive Patients. Diabetes Care, 2006, 29, 195-201.	4.3	60
105	Oral Glucosamine for 6 Weeks at Standard Doses Does Not Cause or Worsen Insulin Resistance or Endothelial Dysfunction in Lean or Obese Subjects. Diabetes, 2006, 55, 3142-3150.	0.3	58
106	Treatment of Spontaneously Hypertensive Rats With Rosiglitazone and/or Enalapril Restores Balance Between Vasodilator and Vasoconstrictor Actions of Insulin With Simultaneous Improvement in Hypertension and Insulin Resistance. Diabetes, 2006, 55, 3594-3603.	0.3	85
107	FOXO1 Represses Peroxisome Proliferator-activated Receptor-Î³1 and -Î³2 Gene Promoters in Primary Adipocytes. Journal of Biological Chemistry, 2006, 281, 19881-19891.	1.6	197
108	Reciprocal relationships between insulin resistance and endothelial dysfunction: insights from therapeutic interventions. Journal of Central South University (Medical Sciences), 2006, 31, 305-12.	0.1	0

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109	Insulin resistance in spontaneously hypertensive rats is associated with endothelial dysfunction characterized by imbalance between NO and ET-1 production. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H813-H822.	1.5	267
110	Beneficial Vascular and Metabolic Effects of Peroxisome Proliferator-Activated Receptor-Î± Activators. Hypertension, 2005, 46, 1086-1092.	1.3	89
111	Vascular and Metabolic Effects of Combined Therapy With Ramipril and Simvastatin in Patients With Type 2 Diabetes. Hypertension, 2005, 45, 1088-1093.	1.3	146
112	Letter re: Limited Accuracy of Surrogates of Insulin Resistance during Puberty in Obese and Lean Children at Risk for Altered Glucoregulation. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4418-4419.	1.8	4
113	Assessing the Predictive Accuracy of QUICKI as a Surrogate Index for Insulin Sensitivity Using a Calibration Model. Diabetes, 2005, 54, 1914-1925.	0.3	218
114	Essential Role for Membrane Lipid Rafts in Interleukin-1Â-Induced Nitric Oxide Release From Insulin-Secreting Cells: Potential Regulation by Caveolin-1+. Diabetes, 2005, 54, 2576-2585.	0.3	33
115	Beneficial Effects of Fenofibrate to Improve Endothelial Dysfunction and Raise Adiponectin Levels in Patients With Primary Hypertriglyceridemia. Diabetes Care, 2005, 28, 1419-1424.	4.3	176
116	The Union of Vascular and Metabolic Actions of Insulin in Sickness and in Health. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 889-891.	1.1	79
117	Phosphorylation of Ser24 in the Pleckstrin Homology Domain of Insulin Receptor Substrate-1 by Mouse Pelle-like Kinase/Interleukin-1 Receptor-associated Kinase. Journal of Biological Chemistry, 2005, 280, 23173-23183.	1.6	65
118	Additive Beneficial Effects of Fenofibrate Combined With Atorvastatin in the Treatment of Combined Hyperlipidemia. Journal of the American College of Cardiology, 2005, 45, 1649-1653.	1.2	192
119	Inflammatory Markers and the Metabolic Syndrome. Journal of the American College of Cardiology, 2005, 46, 1978-1985.	1.2	332
120	Impaired Insulin Secretion in the Turner Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3516-3520.	1.8	119
121	Negative Regulation of Insulin-Stimulated Mitogen-Activated Protein Kinase Signaling By Grb10. Molecular Endocrinology, 2004, 18, 350-358.	3.7	52
122	Inhibition of Insulin Sensitivity by Free Fatty Acids Requires Activation of Multiple Serine Kinases in 3T3-L1 Adipocytes. Molecular Endocrinology, 2004, 18, 2024-2034.	3.7	281
123	The Luteinizing Hormone-releasing Hormone Inhibits the Anti-apoptotic Activity of Insulin-like Growth Factor-1 in Pituitary Î±T3 Cells by Protein Kinase CÎ±-mediated Negative Regulation of Akt. Journal of Biological Chemistry, 2004, 279, 52500-52516.	1.6	41
124	Additive Beneficial Effects of Losartan Combined With Simvastatin in the Treatment of Hypercholesterolemic, Hypertensive Patients. Circulation, 2004, 110, 3687-3692.	1.6	275
125	Diagnosing Insulin Resistance by Simple Quantitative Methods in Subjects With Normal Glucose Metabolism: Response to Ascaso et al.. Diabetes Care, 2004, 27, 1247-1248.	4.3	29
126	Phosphorylation of Critical Serine Residues in Gem Separates Cytoskeletal Reorganization from Down-Regulation of Calcium Channel Activity. Molecular and Cellular Biology, 2004, 24, 651-661.	1.1	70

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127	Insulin and the insulin receptor in experimental models of learning and memory. European Journal of Pharmacology, 2004, 490, 71-81.	1.7	415
128	Insulin impairs endothelium-dependent vasodilation independent of insulin sensitivity or lipid profile. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H76-H82.	1.5	48
129	Molecular and physiologic actions of insulin related to production of nitric oxide in vascular endothelium. Current Diabetes Reports, 2003, 3, 279-288.	1.7	197
130	Mouse 3-Phosphoinositide-dependent Protein Kinase-1 Undergoes Dimerization and trans-Phosphorylation in the Activation Loop. Journal of Biological Chemistry, 2003, 278, 42913-42919.	1.6	61
131	High Density Lipoprotein-induced Endothelial Nitric-oxide Synthase Activation Is Mediated by Akt and MAP Kinases. Journal of Biological Chemistry, 2003, 278, 9142-9149.	1.6	329
132	Aspirin Inhibits Serine Phosphorylation of Insulin Receptor Substrate 1 in Tumor Necrosis Factor-treated Cells through Targeting Multiple Serine Kinases. Journal of Biological Chemistry, 2003, 278, 24944-24950.	1.6	222
133	Adiponectin Stimulates Production of Nitric Oxide in Vascular Endothelial Cells. Journal of Biological Chemistry, 2003, 278, 45021-45026.	1.6	862
134	Peroxisome Proliferator-activated Receptor-Î³ Represses GLUT4 Promoter Activity in Primary Adipocytes, and Rosiglitazone Alleviates This Effect. Journal of Biological Chemistry, 2003, 278, 30614-30623.	1.6	104
135	Secretion of Annexin II via Activation of Insulin Receptor and Insulin-like Growth Factor Receptor. Journal of Biological Chemistry, 2003, 278, 4205-4215.	1.6	50
136	A Novel T608R Missense Mutation in Insulin Receptor Substrate-1 Identified in a Subject with Type 2 Diabetes Impairs Metabolic Insulin Signaling. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1468-1475.	1.8	45
137	Role of Pleckstrin Homology Domain in Regulating Membrane Targeting and Metabolic Function of Insulin Receptor Substrate 3. Molecular Endocrinology, 2003, 17, 1568-1579.	3.7	16
138	QUICKI is a useful index of insulin sensitivity in subjects with hypertension. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E804-E812.	1.8	125
139	Inhibition of Phosphatidylinositol 3-Kinase Enhances Mitogenic Actions of Insulin in Endothelial Cells. Journal of Biological Chemistry, 2002, 277, 1794-1799.	1.6	285
140	Substitution of the Autophosphorylation Site Thr516with a Negatively Charged Residue Confers Constitutive Activity to Mouse 3-Phosphoinositide-dependent Protein Kinase-1 in Cells. Journal of Biological Chemistry, 2002, 277, 16632-16638.	1.6	40
141	QUICKI Is a Useful and Accurate Index of Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 949-950.	1.8	44
142	Insulin Receptor Substrate-1 and Phosphoinositide-Dependent Kinase-1 Are Required for Insulin-Stimulated Production of Nitric Oxide in Endothelial Cells. Molecular Endocrinology, 2002, 16, 1931-1942.	3.7	203
143	PAX3/Forkhead Homolog in Rhabdomyosarcoma Oncoprotein Activates Glucose Transporter 4 Gene Expressionin Vivoandin Vitro. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5312-5324.	1.8	32
144	Escherichia coli K1 Internalization via Caveolae Requires Caveolin-1 and Protein Kinase CÎ± Interaction in Human Brain Microvascular Endothelial Cells. Journal of Biological Chemistry, 2002, 277, 50716-50724.	1.6	55

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145	Sorbitol activates atypical protein kinase C and GLUT4 glucose transporter translocation/glucose transport through proline-rich tyrosine kinase-2, the extracellular signal-regulated kinase pathway and phospholipase D. Biochemical Journal, 2002, 362, 665.	1.7	30
146	Serine Phosphorylation of Insulin Receptor Substrate 1 by Inhibitor ÎºB Kinase Complex. Journal of Biological Chemistry, 2002, 277, 48115-48121.	1.6	640
147	A mathematical model of metabolic insulin signaling pathways. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E1084-E1101.	1.8	177
148	PKC-Â Mediates Insulin Effects on Glucose Transport in Cultured Preadipocyte-Derived Human Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 716-723.	1.8	58
149	QUICKI Is a Useful and Accurate Index of Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 949-950.	1.8	15
150	Insulin and Insulin-Like Growth Factor-1 Receptors and Signaling Pathways: Similarities and Differences. Growth Hormone, 2002, , 81-99.	0.2	0
151	PTEN Does Not Modulate GLUT4 Translocation in Rat Adipose Cells under Physiological Conditions. Biochemical and Biophysical Research Communications, 2001, 288, 1011-1017.	1.0	17
152	Protein Kinase C-Î¶ Phosphorylates Insulin Receptor Substrate-1 and Impairs Its Ability to Activate Phosphatidylinositol 3-Kinase in Response to Insulin. Journal of Biological Chemistry, 2001, 276, 3543-3549.	1.6	201
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