

# Michael J Quon

## List of Publications by Year in Descending Order

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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.

189  
papers

22,496  
citations

74  
h-index

148  
g-index

197  
ext. papers

24,084  
ext. citations

5.8  
avg, IF

6.63  
L-index

#	Paper	IF	Citations
189	When MINMOD Artificially Interprets Strong Insulin Secretion as Weak Insulin Action. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 601894	4.6	2
188	Race affects the association of obesity measures with insulin sensitivity. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 515-525	7	12
187	Endothelial dysfunction due to selective insulin resistance in vascular endothelium: insights from mechanistic modeling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 319, E629-E646	6.46	21
186	Monocyte DPP4 Expression in Human Atherosclerosis Is Associated With Obesity and Dyslipidemia. <i>Diabetes Care</i> , <b>2018</b> , 41, e1-e3	14.6	7
185	Simvastatin Treatment Protects Myocardium in Noncoronary Artery Cardiac Surgery by Inhibiting Apoptosis Through miR-15a-5p Targeting. <i>Journal of Cardiovascular Pharmacology</i> , <b>2018</b> , 72, 176-185	3.1	9
184	Deletion of interleukin 1 receptor-associated kinase 1 () improves glucose tolerance primarily by increasing insulin sensitivity in skeletal muscle. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 12339-12350	5.4	23
183	Transgenic mice with ectopic expression of constitutively active TLR4 in adipose tissues do not show impaired insulin sensitivity. <i>Immunity, Inflammation and Disease</i> , <b>2017</b> , 5, 526-540	2.4	
182	Acute vascular and metabolic actions of the green tea polyphenol epigallocatechin 3-gallate in rat skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 40, 23-31	6.3	8
181	Combining Potent Statin Therapy with Other Drugs to Optimize Simultaneous Cardiovascular and Metabolic Benefits while Minimizing Adverse Events. <i>Korean Circulation Journal</i> , <b>2017</b> , 47, 432-439	2.2	15
180	Infliximab therapy restores adiponectin expression in perivascular adipose tissue and improves endothelial nitric oxide-mediated vasodilation in mice with type 1 diabetes. <i>Vascular Pharmacology</i> , <b>2016</b> , 87, 83-91	5.9	10
179	Estrogen deprivation in primate pregnancy leads to insulin resistance in offspring. <i>Journal of Endocrinology</i> , <b>2016</b> , 230, 171-83	4.7	13
178	Evidence for several independent genetic variants affecting lipoprotein (a) cholesterol levels. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 2390-400	5.6	39
177	Cellular Stress, Excessive Apoptosis, and the Effect of Metformin in a Mouse Model of Type 2 Diabetic Embryopathy. <i>Diabetes</i> , <b>2015</b> , 64, 2526-36	0.9	49
176	ASK1 mediates the teratogenicity of diabetes in the developing heart by inducing ER stress and inhibiting critical factors essential for cardiac development. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 309, E487-99	6	32
175	Dominant negative FADD dissipates the proapoptotic signalosome of the unfolded protein response in diabetic embryopathy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 309, E861-73	6	15
174	Vascular and metabolic actions of the green tea polyphenol epigallocatechin gallate. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 59-69	4.3	61
173	Direct Evidence that Myocardial Insulin Resistance following Myocardial Ischemia Contributes to Post-Ischemic Heart Failure. <i>Scientific Reports</i> , <b>2015</b> , 5, 17927	4.9	22

172	New insights into the mechanisms of polyphenols beyond antioxidant properties; lessons from the green tea polyphenol, epigallocatechin 3-gallate. <i>Redox Biology</i> , <b>2014</b> , 2, 187-95	11.3	474
171	Modulation of adiponectin as a potential therapeutic strategy. <i>Atherosclerosis</i> , <b>2014</b> , 233, 721-728	3.1	89
170	Exenatide treatment for 6 months improves insulin sensitivity in adults with type 1 diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 666-70	14.6	53
169	Response to comment on Sarkar et al. Exenatide treatment for 6 months improves insulin sensitivity in adults with type 1 diabetes. <i>Diabetes care</i> 2014;37:666-670. <i>Diabetes Care</i> , <b>2014</b> , 37, e219-20	14.6	
168	Differential metabolic actions of specific statins: clinical and therapeutic considerations. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 1286-99	8.4	18
167	Differential metabolic effects of rosuvastatin and pravastatin in hypercholesterolemic patients. <i>International Journal of Cardiology</i> , <b>2013</b> , 166, 509-15	3.2	44
166	Potentially important considerations in choosing specific statin treatments to reduce overall morbidity and mortality. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 1696-702	3.2	24
165	Mechanisms for food polyphenols to ameliorate insulin resistance and endothelial dysfunction: therapeutic implications for diabetes and its cardiovascular complications. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 305, E679-86	6	67
164	Toll-like receptor 2 mediates high-fat diet-induced impairment of vasodilator actions of insulin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E1077-88	6	37
163	Improvement of vascular insulin sensitivity by downregulation of GRK2 mediates exercise-induced alleviation of hypertension in spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 305, H1111-9	5.2	27
162	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. <i>Diabetes</i> , <b>2013</b> , 62, 3547-52	0.9	22
161	Improved insulin sensitivity and reduced adiposity with aP2 driven TLR4 overexpression in transgenic mice. <i>FASEB Journal</i> , <b>2013</b> , 27, 1083.6	0.9	
160	Significant differential effects of omega-3 fatty acids and fenofibrate in patients with hypertriglyceridemia. <i>Atherosclerosis</i> , <b>2012</b> , 220, 537-44	3.1	41
159	Deterioration of glucose homeostasis in type 2 diabetic patients one year after beginning of statins therapy. <i>Atherosclerosis</i> , <b>2012</b> , 223, 197-203	3.1	39
158	Epigallocatechin gallate induces expression of heme oxygenase-1 in endothelial cells via p38 MAPK and Nrf-2 that suppresses proinflammatory actions of TNF- $\alpha$ <i>Journal of Nutritional Biochemistry</i> , <b>2012</b> , 23, 1134-45	6.3	82
157	Role of lipotoxicity in endothelial dysfunction. <i>Heart Failure Clinics</i> , <b>2012</b> , 8, 589-607	3.3	73
156	Extracellular conversion of adiponectin hexamers into trimers. <i>Bioscience Reports</i> , <b>2012</b> , 32, 641-52	4.1	8
155	B4GALNT3 expression predicts a favorable prognosis and suppresses cell migration and invasion via Integrin signaling in neuroblastoma. <i>American Journal of Pathology</i> , <b>2011</b> , 179, 1394-404	5.8	26

154	Additive beneficial effects of atorvastatin combined with amlodipine in patients with mild-to-moderate hypertension. <i>International Journal of Cardiology</i> , <b>2011</b> , 146, 319-25	3.2	23
153	Effects of simvastatin therapy on circulating adipocytokines in patients with hypercholesterolemia. <i>International Journal of Cardiology</i> , <b>2011</b> , 146, 434-7	3.2	17
152	Effects of fenofibrate therapy on circulating adipocytokines in patients with primary hypertriglyceridemia. <i>Atherosclerosis</i> , <b>2011</b> , 214, 144-7	3.1	30
151	Differential metabolic effects of distinct statins. <i>Atherosclerosis</i> , <b>2011</b> , 215, 1-8	3.1	103
150	Citrus polyphenol hesperidin stimulates production of nitric oxide in endothelial cells while improving endothelial function and reducing inflammatory markers in patients with metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E782-92	5.6	190
149	Protein kinase A-alpha directly phosphorylates FoxO1 in vascular endothelial cells to regulate expression of vascular cellular adhesion molecule-1 mRNA. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 6423-32	5.4	37
148	Comparison between surrogate indexes of insulin sensitivity/resistance and hyperinsulinemic euglycemic glucose clamps in rhesus monkeys. <i>Endocrinology</i> , <b>2011</b> , 152, 414-23	4.8	21
147	Globular adiponectin counteracts VCAM-1-mediated monocyte adhesion via AdipoR1/NF-B/COX-2 signaling in human aortic endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E1143-54	6	35
146	Role of renin-angiotensin system blockades in reciprocal relationship between insulin resistance and endothelial dysfunction. <i>Hypertension</i> , <b>2010</b> , 56, e169; author reply e170	8.5	4
145	Green tea polyphenol epigallocatechin gallate reduces endothelin-1 expression and secretion in vascular endothelial cells: roles for AMP-activated protein kinase, Akt, and FOXO1. <i>Endocrinology</i> , <b>2010</b> , 151, 103-14	4.8	79
144	Limited predictive ability of surrogate indices of insulin sensitivity/resistance in Asian-Indian men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E1106-12	6	12
143	Simple modeling allows prediction of steady-state glucose disposal rate from early data in hyperinsulinemic glucose clamps. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 298, E229-36	6	10
142	Atorvastatin causes insulin resistance and increases ambient glycemia in hypercholesterolemic patients. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1209-1216	15.1	165
141	Distinct vascular and metabolic effects of different classes of anti-hypertensive drugs. <i>International Journal of Cardiology</i> , <b>2010</b> , 140, 73-81	3.2	57
140	G(s)alpha deficiency in adipose tissue leads to a lean phenotype with divergent effects on cold tolerance and diet-induced thermogenesis. <i>Cell Metabolism</i> , <b>2010</b> , 11, 320-30	24.6	33
139	Combination therapy for treatment or prevention of atherosclerosis: focus on the lipid-RAAS interaction. <i>Atherosclerosis</i> , <b>2010</b> , 209, 307-13	3.1	45
138	SirT1 enhances survival of human osteoarthritic chondrocytes by repressing protein tyrosine phosphatase 1B and activating the insulin-like growth factor receptor pathway. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 1383-92		95
137	Treatment of spontaneously hypertensive rats with rosiglitazone ameliorates cardiovascular pathophysiology via antioxidant mechanisms in the vasculature. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E685-94	6	36

136	Comparison between surrogate indexes of insulin sensitivity/resistance and hyperinsulinemic euglycemic clamp estimates in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E1023-9	6	45
135	Letter by Koh and Quon regarding article, "Evidence mandating earlier and more aggressive treatment of hypercholesterolemia". <i>Circulation</i> , <b>2009</b> , 119, e376; author reply e377	16.7	
134	C-reactive protein inhibits insulin activation of endothelial nitric oxide synthase via the immunoreceptor tyrosine-based inhibition motif of FcγRIIB and SHIP-1. <i>Circulation Research</i> , <b>2009</b> , 104, 1275-82	15.7	40
133	Insulin receptor dysfunction impairs cellular clearance of neurotoxic oligomeric α{beta}. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 18742-53	5.4	109
132	Differential metabolic effects of pravastatin and simvastatin in hypercholesterolemic patients. <i>Atherosclerosis</i> , <b>2009</b> , 204, 483-90	3.1	93
131	Fish oil supplementation improves endothelial function in normoglycemic offspring of patients with type 2 diabetes. <i>Atherosclerosis</i> , <b>2009</b> , 206, 569-74	3.1	97
130	Endothelial dysfunction in mice with streptozotocin-induced type 1 diabetes is opposed by compensatory overexpression of cyclooxygenase-2 in the vasculature. <i>Endocrinology</i> , <b>2009</b> , 150, 849-61	4.8	52
129	Does reversal of oxidative stress and inflammation provide vascular protection?. <i>Cardiovascular Research</i> , <b>2009</b> , 81, 649-59	9.9	62
128	Vascular and metabolic effects of treatment of combined hyperlipidemia: focus on statins and fibrates. <i>International Journal of Cardiology</i> , <b>2008</b> , 124, 149-59	3.2	34
127	Leptin and cardiovascular disease: response to therapeutic interventions. <i>Circulation</i> , <b>2008</b> , 117, 3238-49	16.7	198
126	An integrated view of insulin resistance and endothelial dysfunction. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2008</b> , 37, 685-711, ix-x	5.5	121
125	Are statins effective for simultaneously treating dyslipidemias and hypertension?. <i>Atherosclerosis</i> , <b>2008</b> , 196, 1-8	3.1	30
124	Combination therapy for treatment or prevention of atherosclerosis. <i>Hypertension</i> , <b>2008</b> , 52, e18; author reply e19	8.5	4
123	Protein kinase C-zeta phosphorylates insulin receptor substrate-1, -3, and -4 but not -2: isoform specific determinants of specificity in insulin signaling. <i>Endocrinology</i> , <b>2008</b> , 149, 2451-8	4.8	28
122	Cocoa consumption for 2 wk enhances insulin-mediated vasodilatation without improving blood pressure or insulin resistance in essential hypertension. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 88, 1685-96	7	126
121	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. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 29228-38	5.4	36
120	Consequences of lipid droplet coat protein downregulation in liver cells: abnormal lipid droplet metabolism and induction of insulin resistance. <i>Diabetes</i> , <b>2008</b> , 57, 2037-45	0.9	149
119	Tumor necrosis factor-α antagonism improves vasodilation during hyperinsulinemia in metabolic syndrome. <i>Diabetes Care</i> , <b>2008</b> , 31, 1439-41	14.6	45

118	S6K directly phosphorylates IRS-1 on Ser-270 to promote insulin resistance in response to TNF-(alpha) signaling through IKK2. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 35375-82	5.4	203
117	Comparison between surrogate indexes of insulin sensitivity and resistance and hyperinsulinemic euglycemic clamp estimates in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 294, E261-70	6	122
116	Simvastatin improves flow-mediated dilation but reduces adiponectin levels and insulin sensitivity in hypercholesterolemic patients. <i>Diabetes Care</i> , <b>2008</b> , 31, 776-82	14.6	94
115	Current approaches for assessing insulin sensitivity and resistance in vivo: advantages, limitations, and appropriate usage. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 294, E15-26	6	888
114	Amyloid beta oligomers induce impairment of neuronal insulin receptors. <i>FASEB Journal</i> , <b>2008</b> , 22, 246-60	9	431
113	Insulin Action and Endothelial Function <b>2008</b> , 107-135		
112	Vascular, metabolic, and inflammatory abnormalities in normoglycemic offspring of patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2007</b> , 56, 413-9	12.7	31
111	Adiponectin and cardiovascular disease: response to therapeutic interventions. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 531-8	15.1	227
110	Additive beneficial cardiovascular and metabolic effects of combination therapy with ramipril and candesartan in hypertensive patients. <i>European Heart Journal</i> , <b>2007</b> , 28, 1440-7	9.5	41
109	Cardiovascular actions of insulin. <i>Endocrine Reviews</i> , <b>2007</b> , 28, 463-91	27.2	591
108	Efonidipine simultaneously improves blood pressure, endothelial function, and metabolic parameters in nondiabetic patients with hypertension. <i>Diabetes Care</i> , <b>2007</b> , 30, 1605-7	14.6	37
107	Epigallocatechin gallate, a green tea polyphenol, mediates NO-dependent vasodilation using signaling pathways in vascular endothelium requiring reactive oxygen species and Fyn. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 13736-45	5.4	174
106	Ghrelin has novel vascular actions that mimic PI 3-kinase-dependent actions of insulin to stimulate production of NO from endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E756-64	6	80
105	EGCG, a green tea polyphenol, improves endothelial function and insulin sensitivity, reduces blood pressure, and protects against myocardial I/R injury in SHR. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E1378-87	6	262
104	Epigallocatechin-3-gallate (EGCG), a green tea polyphenol, suppresses hepatic gluconeogenesis through 5PAMP-activated protein kinase. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 30143-9	5.4	252
103	Insulin action and insulin resistance in vascular endothelium. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2007</b> , 10, 523-30	3.8	120
102	Reciprocal relationships between abnormal metabolic parameters and endothelial dysfunction. <i>Current Opinion in Lipidology</i> , <b>2007</b> , 18, 58-65	4.4	61
101	Predicted effects of hemoglobin A1c assay precision on a patient population distribution of serial hemoglobin A1c difference values. <i>Clinica Chimica Acta</i> , <b>2007</b> , 378, 201-5	6.2	

100	The effects of simvastatin, losartan, and combined therapy on soluble CD40 ligand in hypercholesterolemic, hypertensive patients. <i>Atherosclerosis</i> , <b>2007</b> , 190, 205-11	3.1	40
99	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. <i>Atherosclerosis</i> , <b>2007</b> , 194, 230-7	3.1	20
98	MKR mice are resistant to the metabolic actions of both insulin and adiponectin: discordance between insulin resistance and adiponectin responsiveness. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2006</b> , 291, E298-305	6	35
97	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. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 1153-63		85
96	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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2006</b> , 290, H137-45	5.2	120
95	Additive beneficial effects of fenofibrate combined with candesartan in the treatment of hypertriglyceridemic hypertensive patients. <i>Diabetes Care</i> , <b>2006</b> , 29, 195-201	14.6	54
94	Oral glucosamine for 6 weeks at standard doses does not cause or worsen insulin resistance or endothelial dysfunction in lean or obese subjects. <i>Diabetes</i> , <b>2006</b> , 55, 3142-50	0.9	50
93	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. <i>Diabetes</i> , <b>2006</b> , 55, 3594-603	0.9	81
92	FOXO1 represses peroxisome proliferator-activated receptor-gamma1 and -gamma2 gene promoters in primary adipocytes. A novel paradigm to increase insulin sensitivity. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 19881-91	5.4	172
91	Reciprocal relationships between insulin resistance and endothelial dysfunction: molecular and pathophysiological mechanisms. <i>Circulation</i> , <b>2006</b> , 113, 1888-904	16.7	1189
90	PKCdelta-mediated IRS-1 Ser24 phosphorylation negatively regulates IRS-1 function. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 349, 976-86	3.4	39
89	Anti-inflammatory and metabolic effects of candesartan in hypertensive patients. <i>International Journal of Cardiology</i> , <b>2006</b> , 108, 96-100	3.2	89
88	Vascular and metabolic effects of candesartan: insights from therapeutic interventions. <i>Journal of Hypertension</i> , <b>2006</b> , 24, S31-8	1.9	18
87	Reciprocal relationships between insulin resistance and endothelial dysfunction: insights from therapeutic interventions. <i>Journal of Central South University (Medical Sciences)</i> , <b>2006</b> , 31, 305-12	0.4	
86	Additive beneficial effects of fenofibrate combined with atorvastatin in the treatment of combined hyperlipidemia. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 1649-53	15.1	179
85	Inflammatory markers and the metabolic syndrome: insights from therapeutic interventions. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1978-85	15.1	287
84	Insulin resistance in spontaneously hypertensive rats is associated with endothelial dysfunction characterized by imbalance between NO and ET-1 production. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H813-22	5.2	236
83	Beneficial vascular and metabolic effects of peroxisome proliferator-activated receptor-alpha activators. <i>Hypertension</i> , <b>2005</b> , 46, 1086-92	8.5	83

82	Vascular and metabolic effects of combined therapy with ramipril and simvastatin in patients with type 2 diabetes. <i>Hypertension</i> , <b>2005</b> , 45, 1088-93	8.5	126
81	Letter re: Limited accuracy of surrogates of insulin resistance during puberty in obese and lean children at risk for altered glucoregulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 4418-9; author reply 4419	5.6	2
80	Assessing the predictive accuracy of QUICKI as a surrogate index for insulin sensitivity using a calibration model. <i>Diabetes</i> , <b>2005</b> , 54, 1914-25	0.9	181
79	Essential role for membrane lipid rafts in interleukin-1beta-induced nitric oxide release from insulin-secreting cells: potential regulation by caveolin-1+. <i>Diabetes</i> , <b>2005</b> , 54, 2576-85	0.9	28
78	Beneficial effects of fenofibrate to improve endothelial dysfunction and raise adiponectin levels in patients with primary hypertriglyceridemia. <i>Diabetes Care</i> , <b>2005</b> , 28, 1419-24	14.6	159
77	Phosphorylation of Ser24 in the pleckstrin homology domain of insulin receptor substrate-1 by Mouse Pelle-like kinase/interleukin-1 receptor-associated kinase: cross-talk between inflammatory signaling and insulin signaling that may contribute to insulin resistance. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 23173-83	5.4	60
76	Impaired insulin secretion in the Turner metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 3516-20	5.6	105
75	Negative regulation of insulin-stimulated mitogen-activated protein kinase signaling by Grb10. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 350-8		47
74	Inhibition of insulin sensitivity by free fatty acids requires activation of multiple serine kinases in 3T3-L1 adipocytes. <i>Molecular Endocrinology</i> , <b>2004</b> , 18, 2024-34		250
73	The luteinizing hormone-releasing hormone inhibits the anti-apoptotic activity of insulin-like growth factor-1 in pituitary alphaT3 cells by protein kinase Calpha-mediated negative regulation of Akt. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 52500-16	5.4	34
72	Additive beneficial effects of losartan combined with simvastatin in the treatment of hypercholesterolemic, hypertensive patients. <i>Circulation</i> , <b>2004</b> , 110, 3687-92	16.7	243
71	Diagnosing insulin resistance by simple quantitative methods in subjects with normal glucose metabolism. <i>Diabetes Care</i> , <b>2004</b> , 27, 1247-8; author reply 1249	14.6	27
70	Phosphorylation of critical serine residues in Gem separates cytoskeletal reorganization from down-regulation of calcium channel activity. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 651-61	4.8	65
69	Insulin and the insulin receptor in experimental models of learning and memory. <i>European Journal of Pharmacology</i> , <b>2004</b> , 490, 71-81	5.3	351
68	Insulin impairs endothelium-dependent vasodilation independent of insulin sensitivity or lipid profile. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 286, H76-82	5.2	33
67	Adiponectin stimulates production of nitric oxide in vascular endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 45021-6	5.4	746
66	Peroxisome proliferator-activated receptor-gamma represses GLUT4 promoter activity in primary adipocytes, and rosiglitazone alleviates this effect. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 30614-23	5.4	90
65	Secretion of Annexin II via activation of insulin receptor and insulin-like growth factor receptor. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 4205-15	5.4	41



64	A novel T608R missense mutation in insulin receptor substrate-1 identified in a subject with type 2 diabetes impairs metabolic insulin signaling. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 1468-75	5.6	35
63	Role of pleckstrin homology domain in regulating membrane targeting and metabolic function of insulin receptor substrate 3. <i>Molecular Endocrinology</i> , <b>2003</b> , 17, 1568-79		14
62	QUICKI is a useful index of insulin sensitivity in subjects with hypertension. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2003</b> , 284, E804-12	6	97
61	Molecular and physiologic actions of insulin related to production of nitric oxide in vascular endothelium. <i>Current Diabetes Reports</i> , <b>2003</b> , 3, 279-88	5.6	176
60	Mouse 3-phosphoinositide-dependent protein kinase-1 undergoes dimerization and trans-phosphorylation in the activation loop. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 42913-9	5.4	50
59	High density lipoprotein-induced endothelial nitric-oxide synthase activation is mediated by Akt and MAP kinases. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 9142-9	5.4	289
58	Aspirin inhibits serine phosphorylation of insulin receptor substrate 1 in tumor necrosis factor-treated cells through targeting multiple serine kinases. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 24944-50	5.4	203
57	Inhibition of phosphatidylinositol 3-kinase enhances mitogenic actions of insulin in endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 1794-9	5.4	242
56	Substitution of the autophosphorylation site Thr516 with a negatively charged residue confers constitutive activity to mouse 3-phosphoinositide-dependent protein kinase-1 in cells. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 16632-8	5.4	36
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