JÃ¼rgen Eckel

List of Publications by Year
in descending order

172	12,003	23567 58	29157 104
papers	citations	h-index	g-index

173	173	173	15722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Positive allosteric Î³â€aminobutyric acid type A receptor modulation prevents lipotoxicityâ€induced injury in hepatocytes in vitro. Diabetes, Obesity and Metabolism, 2022, 24, 1498-1508.	4.4	2
2	Intestinal microbiota and host metabolism â€" A complex relationship. Acta Physiologica, 2021, 232, e13638.	3.8	3
3	Organ Crosstalk and the Modulation of Insulin Signaling. Cells, 2021, 10, 2082.	4.1	24
4	NDUFB6 Polymorphism Is Associated With Physical Activity-Mediated Metabolic Changes in Type 2 Diabetes. Frontiers in Endocrinology, 2021, 12, 693683.	3.5	5
5	DPP4 deletion in adipose tissue improves hepatic insulin sensitivity in diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E590-E599.	3.5	25
6	DPP4 and ACE2 in Diabetes and COVID-19: Therapeutic Targets for Cardiovascular Complications?. Frontiers in Pharmacology, 2020, 11, 1161.	3.5	80
7	Integrinsâ€"Mediators of cellular adhesion or more?. Acta Physiologica, 2020, 229, e13482.	3.8	1
8	1067-P: Development of Novel Modulators of the GABAA Receptor for Diabetes Therapy. Diabetes, 2020, 69, .	0.6	1
9	Risk of diabetes-associated diseases in subgroups of patients with recent-onset diabetes: a 5-year follow-up study. Lancet Diabetes and Endocrinology,the, 2019, 7, 684-694.	11.4	364
10	Myokines in metabolic homeostasis and diabetes. Diabetologia, 2019, 62, 1523-1528.	6.3	63
11	Adipose Tissue. , 2018, , 9-63.		8
12	Skeletal Muscle. , 2018, , 65-90.		3
13	Adipomyokines. , 2018, , 91-115.		0
14	Secretory Malfunction. , 2018, , 117-154.		0
15	Technical Annex. , 2018, , 155-216.		0
16	Adipokines and inflammatory markers in elderly subjects with high risk of type 2 diabetes and cardiovascular disease. Scientific Reports, 2018, 8, 12816.	3.3	33
17	<scp>^{LAPS}Insulin115</scp>: A novel ultraâ€longâ€acting basal insulin with a unique action profile. Diabetes, Obesity and Metabolism, 2017, 19, 1722-1731.	4.4	27
18	Heat Shock Protein 60 in Obesity: Effect of Bariatric Surgery and its Relation to Inflammation and Cardiovascular Risk. Obesity, 2017, 25, 2108-2114.	3.0	24

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19	Hypoxia in Combination With Muscle Contraction Improves Insulin Action and Glucose Metabolism in Human Skeletal Muscle via the HIF-1Î± Pathway. Diabetes, 2017, 66, 2800-2807.	0.6	42
20	Electrical pulse stimulation of cultured skeletal muscle cells as a model for inÂvitro exercise â€“ possibilities and limitations. Acta Physiologica, 2017, 220, 310-331.	3.8	76
21	Soluble dipeptidyl peptidase-4 induces microvascular endothelial dysfunction through proteinase-activated receptor-2 and thromboxane A2 release. Journal of Hypertension, 2016, 34, 869-876.	0.5	40
22	Effect of the long-acting insulin analogues glargine and degludec on cardiomyocyte cell signalling and function. Cardiovascular Diabetology, 2016, 15, 96.	6.8	6
23	Eicosapentaenoic acid and arachidonic acid differentially regulate adipogenesis, acquisition of a brite phenotype and mitochondrial function in primary human adipocytes. Molecular Nutrition and Food Research, 2016, 60, 2065-2075.	3.3	56
24	The exercise-regulated myokine chitinase-3-like protein 1 stimulates human myocyte proliferation. Acta Physiologica, 2016, 216, 330-345.	3.8	35
25	Reduced DPP4 activity improves insulin signaling in primary human adipocytes. Biochemical and Biophysical Research Communications, 2016, 471, 348-354.	2.1	32
26	Protease-Activated Receptor 2 Promotes Pro-Atherogenic Effects through Transactivation of the VEGF Receptor 2 in Human Vascular Smooth Muscle Cells. Frontiers in Pharmacology, 2016, 7, 497.	3.5	10
27	Nutritional Ingredients Modulate Adipokine Secretion and Inflammation in Human Primary Adipocytes. Nutrients, 2015, 7, 865-886.	4.1	30
28	DPP4 in diabetes. Frontiers in Immunology, 2015, 6, 386.	4.8	324
29	Exercise and Regulation of Adipokine and Myokine Production. Progress in Molecular Biology and Translational Science, 2015, 135, 313-336.	1.7	118
30	Adipokines enhance oleic acid-induced proliferation of vascular smooth muscle cells by inducing CD36 expression. Archives of Physiology and Biochemistry, 2015, 121, 81-87.	2.1	12
31	Novel Mediators of Adipose Tissue and Muscle Crosstalk. Current Obesity Reports, 2015, 4, 411-417.	8.4	29
32	Identification of novel putative adipomyokines by a cross-species annotation of secretomes and expression profiles. Archives of Physiology and Biochemistry, 2015, 121, 194-205.	2.1	14
33	Secretome profiling of primary human skeletal muscle cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1011-1017.	2.3	138
34	Adipocyte-derived factors impair insulin signaling in differentiated human vascular smooth muscle cells via the upregulation of miR-143. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 275-283.	3.8	25
35	Browning of white fat: does irisin play a role in humans?. Journal of Endocrinology, 2014, 222, R25-R38.	2.6	97
36	Comment on Wu and Spiegelman. Irisin ERKs the Fat. Diabetes 2014;63:381â˜383. Diabetes, 2014, 63, e16-e16.	0.6	3

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37	Soluble DPP4 induces inflammation and proliferation of human smooth muscle cells via protease-activated receptor 2. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1613-1621.	3.8	116
38	The myokine decorin is regulated by contraction and involved in muscle hypertrophy. Biochemical and Biophysical Research Communications, 2014, 450, 1089-1094.	2.1	133
39	Shedding of dipeptidyl peptidase 4 is mediated by metalloproteases and upâ€regulated by hypoxia in human adipocytes and smooth muscle cells. FEBS Letters, 2014, 588, 3870-3877.	2.8	108
40	Myokines in insulin resistance and type 2 diabetes. Diabetologia, 2014, 57, 1087-1099.	6.3	183
41	Monocyte chemoattractant protein-induced protein 1 impairs adipogenesis in 3T3-L1 cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 780-788.	4.1	31
42	Adipose tissue and its role in organ crosstalk. Acta Physiologica, 2014, 210, 733-753.	3.8	214
43	Chitinase-3-like protein 1 protects skeletal muscle from TNFÎ±-induced inflammation and insulin resistance. Biochemical Journal, 2014, 459, 479-488.	3.7	51
44	BMP4 and BMP7 induce the white-to-brown transition of primary human adipose stem cells. American Journal of Physiology - Cell Physiology, 2014, 306, C431-C440.	4.6	141
45	Adipose Tissue Dysfunction and Inflammation in Cardiovascular Disease. Frontiers of Hormone Research, 2014, 43, 79-92.	1.0	31
46	Resistin reduces mitochondria and induces hepatic steatosis in mice by the protein kinase C/protein kinase G/p65/PPAR gamma coactivator 1 alpha pathway. Hepatology, 2013, 57, 1384-1393.	7.3	41
47	â€œBrowningâ€•of adipose tissue â€“ regulation and therapeutic perspectives. Archives of Physiology and Biochemistry, 2013, 119, 151-160.	2.1	42
48	Synthesis and Mechanism of Hypoglycemic Activity of Benzothiazole Derivatives. Journal of Medicinal Chemistry, 2013, 56, 5335-5350.	6.4	70
49	Regulation of follistatin-like protein 1 expression and secretion in primary human skeletal muscle cells. Archives of Physiology and Biochemistry, 2013, 119, 75-80.	2.1	88
50	VEGF in the Crosstalk between Human Adipocytes and Smooth Muscle Cells: Depot-Specific Release from Visceral and Perivascular Adipose Tissue. Mediators of Inflammation, 2013, 2013, 1-10.	3.0	43
51	Adipo-Myokines: Two Sides of the Same Coinâ€”Mediators of Inflammation and Mediators of Exercise. Mediators of Inflammation, 2013, 2013, 1-16.	3.0	223
52	Adipose Dipeptidyl Peptidase-4 and Obesity. Diabetes Care, 2013, 36, 4083-4090.	8.6	188
53	Deletion of CD73 promotes dyslipidemia and intramyocellular lipid accumulation in muscle of mice. Archives of Physiology and Biochemistry, 2013, 119, 39-51.	2.1	22
54	Identification and Validation of Novel Contraction-Regulated Myokines Released from Primary Human Skeletal Muscle Cells. PLoS ONE, 2013, 8, e62008.	2.5	175

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55	Cardioprotective Properties of Omentin-1 in Type 2 Diabetes: Evidence from Clinical and In Vitro Studies. PLoS ONE, 2013, 8, e59697.	2.5	87
56	Evidence against a Beneficial Effect of Irisin in Humans. PLoS ONE, 2013, 8, e73680.	2.5	261
57	Identification and Validation of Novel Adipokines Released from Primary Human Adipocytes. Molecular and Cellular Proteomics, 2012, 11, M111.010504.	3.8	187
58	Adipose tissue in obesity and obstructive sleep apnoea. European Respiratory Journal, 2012, 39, 746-767.	6.7	103
59	Secretory Products From Epicardial Adipose Tissue of Patients With Type 2 Diabetes Mellitus Induce Cardiomyocyte Dysfunction. Circulation, 2012, 126, 2324-2334.	1.6	155
60	Inflammation and metabolic dysfunction: links to cardiovascular diseases. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2148-H2165.	3.2	194
61	PS3 - 14. The effect of the exercise-induced muscle secretome on liver gene expression. Nederlands Tijdschrift Voor Diabetologie, 2012, 10, 108-109.	0.0	0
62	Regulation of subcellular distribution of GLUT4 in cardiomyocytes: Rab4A reduces basal glucose transport and augments insulin responsiveness. Experimental and Clinical Endocrinology and Diabetes, 2012, 108, 26-36.	1.2	23
63	Sex Steroid-Induced Changes in Circulating Monocyte Chemoattractant Protein-1 Levels May Contribute to Metabolic Dysfunction in Obese Men. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1187-E1191.	3.6	20
64	Chemerin as biomarker for insulin sensitivity in males without typical characteristics of metabolic syndrome. Archives of Physiology and Biochemistry, 2012, 118, 135-138.	2.1	38
65	Differentiation of human adipocytes at physiological oxygen levels results in increased adiponectin secretion and isoproterenol-stimulated lipolysis. Adipocyte, 2012, 1, 132-181.	2.8	31
66	Heat Shock Protein 60 as a Mediator of Adipose Tissue Inflammation and Insulin Resistance. Diabetes, 2012, 61, 615-625.	0.6	62
67	Qualitative characteristics of HDL in young patients of an acute myocardial infarction. Atherosclerosis, 2012, 220, 257-264.	0.8	33
68	Adipokines promote lipotoxicity in human skeletal muscle cells. Archives of Physiology and Biochemistry, 2012, 118, 92-101.	2.1	9
69	COST Action BM0602: A European network to combat obesity and the metabolic syndrome. Archives of Physiology and Biochemistry, 2012, 118, 83-83.	2.1	1
70	Measurement of Insulin Sensitivity in Skeletal Muscle In Vitro. , 2012, 933, 255-263.		4
71	Adaptive immunity in obesity and insulin resistance. Nature Reviews Endocrinology, 2012, 8, 709-716.	9.6	405
72	Differential impact of oleate, palmitate, and adipokines on expression of NF-ÎºB target genes in human vascular smooth muscle cells. Molecular and Cellular Endocrinology, 2012, 362, 194-201.	3.2	20

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73	Functional annotation of the human fat cell secretome. Archives of Physiology and Biochemistry, 2012, 118, 84-91.	2.1	96
74	Hypoxia reduces the response of human adipocytes towards TNFÎ± resulting in reduced NF-ÎºB signaling and MCP-1 secretion. International Journal of Obesity, 2012, 36, 986-992.	3.4	39
75	Contractile activity of human skeletal muscle cells prevents insulin resistance by inhibiting pro-inflammatory signalling pathways. Diabetologia, 2012, 55, 1128-1139.	6.3	115
76	The adipokine zinc-Î±2-glycoprotein activates AMP kinase in human primary skeletal muscle cells. Archives of Physiology and Biochemistry, 2011, 117, 88-93.	2.1	21
77	Editorial. Archives of Physiology and Biochemistry, 2011, 117, 45-46.	2.1	2
78	Secreted proteins from adipose tissue and skeletal muscle â€“ adipokines, myokines and adipose/muscle cross-talk. Archives of Physiology and Biochemistry, 2011, 117, 47-56.	2.1	192
79	Pigment epithelium-derived factor (PEDF) is one of the most abundant proteins secreted by human adipocytes and induces insulin resistance and inflammatory signaling in muscle and fat cells. International Journal of Obesity, 2011, 35, 762-772.	3.4	135
80	Oleic acid and adipokines synergize in inducing proliferation and inflammatory signalling in human vascular smooth muscle cells. Journal of Cellular and Molecular Medicine, 2011, 15, 1177-1188.	3.6	54
81	Secretory products of guinea pig epicardial fat induce insulin resistance and impair primary adult rat cardiomyocyte function. Journal of Cellular and Molecular Medicine, 2011, 15, 2399-2410.	3.6	53
82	Obesity-associated insulin resistance in skeletal muscle: Role of lipid accumulation and physical inactivity. Reviews in Endocrine and Metabolic Disorders, 2011, 12, 163-172.	5.7	129
83	Randomized comparison of reduced fat and reduced carbohydrate hypocaloric diets on intrahepatic fat in overweight and obese human subjects. Hepatology, 2011, 53, 1504-1514.	7.3	246
84	Dipeptidyl Peptidase 4 Is a Novel Adipokine Potentially Linking Obesity to the Metabolic Syndrome. Diabetes, 2011, 60, 1917-1925.	0.6	506
85	Combined Gene and Protein Expression of Hormone-Sensitive Lipase and Adipose Triglyceride Lipase, Mitochondrial Content, and Adipocyte Size in Subcutaneous and Visceral Adipose Tissue of Morbidly Obese Men. Obesity Facts, 2011, 4, 407-416.	3.4	29
86	Prevention of diabetes complications in developing countries: time to intensify self-management education. Archives of Physiology and Biochemistry, 2011, 117, 251-253.	2.1	25
87	Adipose tissue inflammation: novel insight into the role of macrophages and lymphocytes. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 366-370.	2.5	78
88	The role of epicardial and perivascular adipose tissue in the pathophysiology of cardiovascular disease. Journal of Cellular and Molecular Medicine, 2010, 14, 2223-2234.	3.6	192
89	ProteoMiner^{â„¢}and SELDI-TOF-MS: A robust and highly reproducible combination for biomarker discovery from whole blood serum. Archives of Physiology and Biochemistry, 2010, 116, 174-180.	2.1	17
90	The Natural Protective Mechanism Against Hyperglycemia in Vascular Endothelial Cells. Diabetes, 2010, 59, 808-818.	0.6	67

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91	Secretory Type II Phospholipase A2 Is Produced and Secreted by Epicardial Adipose Tissue and Overexpressed in Patients with Coronary Artery Disease. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 963-967.	3.6	85
92	Chemerin Correlates with Markers for Fatty Liver in Morbidly Obese Patients and Strongly Decreases after Weight Loss Induced by Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2892-2896.	3.6	225
93	Targeting phosphoprotein profiling by combination of hydroxyapatite-based phosphoprotein enrichment and SELDI-TOF MS. Archives of Physiology and Biochemistry, 2010, 116, 181-187.	2.1	3
94	Enhancing mass spectrometry based serum profiling by a combination of free flow electrophoresis and ClinProt^{â„¢}. Archives of Physiology and Biochemistry, 2009, 115, 259-266.	2.1	8
95	Anti-apoptotic Action of Exendin-4 in INS-1 Beta Cells: Comparative Protein Pattern Analysis of Isolated Mitochondria. Hormone and Metabolic Research, 2009, 41, 294-301.	1.5	52
96	Sleep, sleep-disordered breathing and metabolic consequences. European Respiratory Journal, 2009, 34, 243-260.	6.7	293
97	Role of lipid-derived mediators in skeletal muscle insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1004-E1012.	3.5	31
98	Cannabinoid type 1 receptors in human skeletal muscle cells participate in the negative crosstalk between fat and muscle. Diabetologia, 2009, 52, 664-674.	6.3	132
99	Chemerin Is a Novel Adipocyte-Derived Factor Inducing Insulin Resistance in Primary Human Skeletal Muscle Cells. Diabetes, 2009, 58, 2731-2740.	0.6	310
100	Combinatorial hexapeptide ligand libraries (ProteoMiner^{â„¢}): An innovative fractionation tool for differential quantitative clinical proteomics. Archives of Physiology and Biochemistry, 2009, 115, 155-160.	2.1	60
101	Chemotactic cytokines, obesity and type 2 diabetes:in vivoandin vitroevidence for a possible causal correlation?. Proceedings of the Nutrition Society, 2009, 68, 378-384.	1.0	53
102	Epicardial Fat from Guinea Pig: A Model to Study the Paracrine Network of Interactions between Epicardial Fat and Myocardium?. Cardiovascular Drugs and Therapy, 2008, 22, 107-114.	2.6	19
103	Role of curcumin in health and disease. Archives of Physiology and Biochemistry, 2008, 114, 127-149.	2.1	206
104	Novel aspects of adipocyte-induced skeletal muscle insulin resistance. Archives of Physiology and Biochemistry, 2008, 114, 287-298.	2.1	21
105	Adipokine Protein Expression Pattern in Growth Hormone Deficiency Predisposes to the Increased Fat Cell Size and the Whole Body Metabolic Derangements. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2255-2262.	3.6	44
106	Insulin analogues: Action profiles beyond glycaemic control. Archives of Physiology and Biochemistry, 2008, 114, 45-53.	2.1	14
107	Skeletal muscle insulin resistance induced by adipocyte-conditioned medium: underlying mechanisms and reversibility. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E1070-E1077.	3.5	55
108	Enhanced Protection against Cytokine- and Fatty Acid-induced Apoptosis in Pancreatic Beta Cells by Combined Treatment with Glucagon-like Peptide-1 Receptor Agonists and Insulin Analogues. Hormone and Metabolic Research, 2008, 40, 172-180.	1.5	39

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109	Expanded adipose tissue: â€˜out of breathâ€™ and inflamed. British Journal of Nutrition, 2008, 100, 236-237.	2.3	1
110	Monocyte chemotactic protein-1 and its role in insulin resistance. Current Opinion in Lipidology, 2007, 18, 258-262.	2.7	86
111	FIP2 and Rip11 specify Rab11a-mediated cellular distribution of GLUT4 and FAT/CD36 in H9c2-hIR cells. Biochemical and Biophysical Research Communications, 2007, 363, 119-125.	2.1	23
112	Conditioned medium obtained from in vitro differentiated adipocytes and resistin induce insulin resistance in human hepatocytes. FEBS Letters, 2007, 581, 4303-4308.	2.8	30
113	Advanced knowledge on long-known diseasesâ€"Proceedings of the 4th Eli Lilly International Foundation Workshop. Archives of Physiology and Biochemistry, 2007, 113, 97-97.	2.1	0
114	Protein Array Reveals Differentially Expressed Proteins in Subcutaneous Adipose Tissue in Obesity. Obesity, 2007, 15, 2396-2406.	3.0	42
115	A novel method to monitor insulin-stimulated GTP-loading of Rab11a in cardiomyocytes. Cellular Signalling, 2007, 19, 825-830.	3.6	16
116	Regulation of retinol binding protein 4 production in primary human adipocytes by adiponectin, troglitazone and TNF-Î±. Diabetologia, 2007, 50, 2221-2223.	6.3	35
117	IGF-1 receptor signalling determines the mitogenic potency of insulin analogues in human smooth muscle cells and fibroblasts. Diabetologia, 2007, 50, 2534-2543.	6.3	55
118	Differential phosphorylation of IRS-1 and IRS-2 by insulin and IGF-I receptors. Archives of Physiology and Biochemistry, 2006, 112, 37-47.	2.1	10
119	Development of impaired glucose tolerance and diabetes in follow-up offspring of Caribbean patients with type 2 diabetes: Analysis of 5-year follow-up study. Archives of Physiology and Biochemistry, 2006, 112, 158-165.	2.1	1
120	Insulin Glulisine. Drugs, 2006, 66, 870-872.	10.9	0
121	Cytokine secretion by human adipocytes is differentially regulated by adiponectin, AICAR, and troglitazone. Biochemical and Biophysical Research Communications, 2006, 343, 700-706.	2.1	73
122	Identification and characterization of a novel variant in the highly conserved catalytic center of Rab11a. European Journal of Medical Genetics, 2006, 49, 29-36.	1.3	4
123	The adipocyteâ€“myocyte axis in insulin resistance. Trends in Endocrinology and Metabolism, 2006, 17, 416-422.	7.1	109
124	Monocyte Chemotactic Protein-1 Is a Potential Player in the Negative Cross-Talk between Adipose Tissue and Skeletal Muscle. Endocrinology, 2006, 147, 2458-2467.	2.8	193
125	Insulin-Mediated Phosphorylation of the Proline-Rich Akt Substrate PRAS40 Is Impaired in Insulin Target Tissues of High-Fat Diet-Fed Rats. Diabetes, 2006, 55, 3221-3228.	0.6	50
126	Pathways leading to muscle insulin resistance â€“ The muscle â€“ fat connection. Archives of Physiology and Biochemistry, 2006, 112, 105-113.	2.1	49

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127	Delayed autoregulation of glucose transport in vascular endothelial cells. Diabetologia, 2005, 48, 752-755.	6.3	48
128	Autocrine Action of Adiponectin on Human Fat Cells Prevents the Release of Insulin Resistance-Inducing Factors. Diabetes, 2005, 54, 2003-2011.	0.6	137
129	Calreticulin Destabilizes Glucose Transporter-1 mRNA in Vascular Endothelial and Smooth Muscle Cells Under High-Glucose Conditions. Circulation Research, 2005, 97, 1001-1008.	4.5	69
130	Functional role of Rab11 in GLUT4 trafficking in cardiomyocytes. Molecular and Cellular Endocrinology, 2005, 235, 1-9.	3.2	54
131	The E23K variant in the Kir6.2 subunit of the ATP-sensitive K+ channel does not augment impaired glucose tolerance in Caribbean subjects with a family history of type 2 diabetes. Journal of Endocrinology, 2005, 185, 439-444.	2.6	12
132	Inhibitor ÎºB kinase is involved in the paracrine crosstalk between human fat and muscle cells. International Journal of Obesity, 2004, 28, 985-992.	3.4	41
133	In Vitro Phosphorylation of Insulin Receptor Substrate 1 by Protein Kinase C-Î¶:â€‰ Functional Analysis and Identification of Novel Phosphorylation Sites. Biochemistry, 2004, 43, 5888-5901.	2.5	29
134	Adiponectin counteracts cytokine- and fatty acid-induced apoptosis in the pancreatic beta-cell line INS-1. Diabetologia, 2004, 47, 249-258.	6.3	171
135	[LysB3, GluB29] insulin: a novel insulin analog with enhanced Î²-cell protective action. Biochemical and Biophysical Research Communications, 2003, 310, 852-859.	2.1	45
136	A Novel Insulin Analog With Unique Properties: LysB3,GluB29 Insulin Induces Prominent Activation of Insulin Receptor Substrate 2, but Marginal Phosphorylation of Insulin Receptor Substrate 1. Diabetes, 2003, 52, 2227-2238.	0.6	58
137	Insulin Receptor Substrate-4 Is Expressed in Muscle Tissue without Acting as a Substrate for the Insulin Receptor. Endocrinology, 2003, 144, 1211-1218.	2.8	26
138	Impairment of Insulin Signaling in Human Skeletal Muscle Cells by Co-Culture With Human Adipocytes. Diabetes, 2002, 51, 2369-2376.	0.6	156
139	Effects of tamoxifen on human squamous cell carcinoma lines of the head and neck. Anti-Cancer Drugs, 2002, 13, 521-531.	1.4	10
140	The fatty acid translocase (FAT)/CD36 and the glucose transporter GLUT4 are localized in different cellular compartments in rat cardiac muscle. Biochemical and Biophysical Research Communications, 2002, 293, 665-669.	2.1	31
141	Early acarbose treatment ameliorates resistance of insulin-regulated GLUT4 trafficking in obese Zucker rats. European Journal of Pharmacology, 2002, 445, 141-148.	3.5	12
142	Eicosanoids and the Regulation of Cardiac Glucose Transport. Annals of the New York Academy of Sciences, 2002, 967, 208-216.	3.8	9
143	Diversification of cardiac insulin signaling involves the p85Î±/Î² subunits of phosphatidylinositol 3-kinase. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E65-E74.	3.5	32
144	Eicosanoids participate in the regulation of cardiac glucose transport by contribution to a rearrangement of actin cytoskeletal elements. Biochemical Journal, 2001, 359, 47.	3.7	12

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145	Characterization of human glucose transporter (GLUT) 11 (encoded by SLC2A11), a novel sugar-transport facilitator specifically expressed in heart and skeletal muscle. Biochemical Journal, 2001, 359, 443.	3.7	59
146	Eicosanoids participate in the regulation of cardiac glucose transport by contribution to a rearrangement of actin cytoskeletal elements. Biochemical Journal, 2001, 359, 47-54.	3.7	22
147	Leptin and Tumor Necrosis Factor-Î± Induce the Tyrosine Phosphorylation of Signal Transducer and Activator of Transcription Proteins in the Hypothalamus of Normal RatsIn Vivo¹. Endocrinology, 2001, 142, 3027-3032.	2.8	33
148	Molecular mechanisms of contraction-regulated cardiac glucose transport. Biochemical Journal, 2000, 346, 841.	3.7	5
149	Molecular mechanisms of contraction-regulated cardiac glucose transport. Biochemical Journal, 2000, 346, 841-847.	3.7	23
150	Rab11 is associated with GLUT4-containing vesicles and redistributes in response to insulin. Diabetologia, 2000, 43, 1518-1527.	6.3	94
151	Stimulation of Cardiac Glucose Transport by Thioctic Acid and Insulin. Hormone and Metabolic Research, 1999, 31, 632-635.	1.5	28
152	Development of insulin-responsive glucose uptake and GLUT4 expression in differentiating human adipocyte precursor cells. International Journal of Obesity, 1998, 22, 448-453.	3.4	58
153	Tumor necrosis factor-alpha acutely inhibits insulin signaling in human adipocytes: implication of the p80 tumor necrosis factor receptor. Diabetes, 1998, 47, 515-522.	0.6	159
154	Hypothalamic expression of neuropeptide-Y in the New Zealand obese mouse. International Journal of Obesity, 1998, 22, 1172-1177.	3.4	13
155	Signalling pathways of an insulin-mimetic phosphoinositolglycanâ€“peptide in muscle and adipose tissue. Biochemical Journal, 1998, 330, 277-286.	3.7	47
156	Growth promoting and metabolic activity of the human insulin analogue [GlyA21,ArgB31,ArgB32]insulin (HOE 901) in muscle cells. European Journal of Pharmacology, 1997, 320, 259-265.	3.5	98
157	Molecular Mechanisms of Contraction-Induced Translocation of GLUT4 in Isolated Cardiomyocytes. American Journal of Cardiology, 1997, 80, 85A-89A.	1.6	29
158	Insulin-induced phosphorylation of a 38 kDa DNA-binding protein in ventricular cardiomyocytes: possible implication of nuclear protein phosphatase activity. Molecular and Cellular Endocrinology, 1996, 120, 107-114.	3.2	2
159	Acute and chronic effects of troglitazone (CS-045) on isolated rat ventricular cardiomyocytes. Diabetologia, 1996, 39, 766-774.	6.3	76
160	Effects of tumour necrosis factor alpha (TNFÎ±) on glucose transport and lipid metabolism of newly-differentiated human fat cells in cell culture. Diabetologia, 1995, 38, 764-771.	6.3	260
161	Insulin action on cardiac glucose transport: studies on the role of protein kinase C. Biochimica Et Biophysica Acta - Molecular Cell Research, 1995, 1265, 73-78.	4.1	19
162	Insulin-dependent translocation of the small GTP-binding protein rab3C in cardiac muscle: studies on insulin-resistant Zucker rats. FEBS Letters, 1995, 377, 109-112.	2.8	11

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163	Photoaffinity labelling of cardiac membrane GTP-binding proteins in response to insulin. FEBS Journal, 1994, 219, 325-330.	0.2	11
164	Regulation of cardiac insulin receptor function by guanosine nucleotides. FEBS Letters, 1993, 317, E1-E5.	2.8	4
165	Contraction-induced translocation of the glucose transporter Glut4 in isolated ventricular cardiomyocytes. Biochemical and Biophysical Research Communications, 1992, 189, 1207-1214.	2.1	57
166	Regulation of cardiac insulin receptor function by guanosine nucleotides. FEBS Letters, 1992, 314, 72-76.	2.8	5
167	Diabetes-induced decrease in the mRNA coding for sarcoplasmic reticulum Ca2+-ATPase in adult rat cardiomyocytes. Biochemical and Biophysical Research Communications, 1991, 178, 906-912.	2.1	45
168	Induction of Insulin Resistance in Primary Cultured Adult Cardiac Myocytes*. Endocrinology, 1991, 129, 345-352.	2.8	30
169	Insulin action on glucose transport in isolated cardiac myocytes: signalling pathways and diabetes-induced alterations. Biochemical Society Transactions, 1990, 18, 1125-1127.	3.4	38
170	Insulin Resistance in the Heart: Studies on Isolated Cardiocytes of Genetically Obese Zucker Rats*. Endocrinology, 1985, 116, 1529-1534.	2.8	40
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