

JÃ¼rgen Eckel

List of Publications by Year in descending order

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papers

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23500

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docs citations

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times ranked

15722
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#	ARTICLE	IF	CITATIONS
1	Dipeptidyl Peptidase 4 Is a Novel Adipokine Potentially Linking Obesity to the Metabolic Syndrome. <i>Diabetes</i> , 2011, 60, 1917-1925.	0.3	506
2	Adaptive immunity in obesity and insulin resistance. <i>Nature Reviews Endocrinology</i> , 2012, 8, 709-716.	4.3	405
3	Risk of diabetes-associated diseases in subgroups of patients with recent-onset diabetes: a 5-year follow-up study. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 684-694.	5.5	364
4	DPP4 in diabetes. <i>Frontiers in Immunology</i> , 2015, 6, 386.	2.2	324
5	Chemerin Is a Novel Adipocyte-Derived Factor Inducing Insulin Resistance in Primary Human Skeletal Muscle Cells. <i>Diabetes</i> , 2009, 58, 2731-2740.	0.3	310
6	Sleep, sleep-disordered breathing and metabolic consequences. <i>European Respiratory Journal</i> , 2009, 34, 243-260.	3.1	293
7	Evidence against a Beneficial Effect of Irisin in Humans. <i>PLoS ONE</i> , 2013, 8, e73680.	1.1	261
8	Effects of tumour necrosis factor alpha (TNF α) on glucose transport and lipid metabolism of newly-differentiated human fat cells in cell culture. <i>Diabetologia</i> , 1995, 38, 764-771.	2.9	260
9	Randomized comparison of reduced fat and reduced carbohydrate hypocaloric diets on intrahepatic fat in overweight and obese human subjects. <i>Hepatology</i> , 2011, 53, 1504-1514.	3.6	246
10	Chemerin Correlates with Markers for Fatty Liver in Morbidly Obese Patients and Strongly Decreases after Weight Loss Induced by Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2892-2896.	1.8	225
11	Adipo-Myokines: Two Sides of the Same Coin – Mediators of Inflammation and Mediators of Exercise. <i>Mediators of Inflammation</i> , 2013, 2013, 1-16.	1.4	223
12	Adipose tissue and its role in organ crosstalk. <i>Acta Physiologica</i> , 2014, 210, 733-753.	1.8	214
13	Role of curcumin in health and disease. <i>Archives of Physiology and Biochemistry</i> , 2008, 114, 127-149.	1.0	206
14	Inflammation and metabolic dysfunction: links to cardiovascular diseases. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2148-H2165.	1.5	194
15	Monocyte Chemoattractant Protein-1 Is a Potential Player in the Negative Cross-Talk between Adipose Tissue and Skeletal Muscle. <i>Endocrinology</i> , 2006, 147, 2458-2467.	1.4	193
16	The role of epicardial and perivascular adipose tissue in the pathophysiology of cardiovascular disease. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2223-2234.	1.6	192
17	Secreted proteins from adipose tissue and skeletal muscle – adipokines, myokines and adipose/muscle cross-talk. <i>Archives of Physiology and Biochemistry</i> , 2011, 117, 47-56.	1.0	192
18	Adipose Dipeptidyl Peptidase-4 and Obesity. <i>Diabetes Care</i> , 2013, 36, 4083-4090.	4.3	188

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19	Identification and Validation of Novel Adipokines Released from Primary Human Adipocytes. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010504.	2.5	187
20	Myokines in insulin resistance and type 2 diabetes. <i>Diabetologia</i> , 2014, 57, 1087-1099.	2.9	183
21	Identification and Validation of Novel Contraction-Regulated Myokines Released from Primary Human Skeletal Muscle Cells. <i>PLoS ONE</i> , 2013, 8, e62008.	1.1	175
22	Adiponectin counteracts cytokine- and fatty acid-induced apoptosis in the pancreatic beta-cell line INS-1. <i>Diabetologia</i> , 2004, 47, 249-258.	2.9	171
23	Tumor necrosis factor-alpha acutely inhibits insulin signaling in human adipocytes: implication of the p80 tumor necrosis factor receptor. <i>Diabetes</i> , 1998, 47, 515-522.	0.3	159
24	Impairment of Insulin Signaling in Human Skeletal Muscle Cells by Co-Culture With Human Adipocytes. <i>Diabetes</i> , 2002, 51, 2369-2376.	0.3	156
25	Secretory Products From Epicardial Adipose Tissue of Patients With Type 2 Diabetes Mellitus Induce Cardiomyocyte Dysfunction. <i>Circulation</i> , 2012, 126, 2324-2334.	1.6	155
26	BMP4 and BMP7 induce the white-to-brown transition of primary human adipose stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C431-C440.	2.1	141
27	Secretome profiling of primary human skeletal muscle cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1011-1017.	1.1	138
28	Autocrine Action of Adiponectin on Human Fat Cells Prevents the Release of Insulin Resistance-Inducing Factors. <i>Diabetes</i> , 2005, 54, 2003-2011.	0.3	137
29	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. <i>International Journal of Obesity</i> , 2011, 35, 762-772.	1.6	135
30	The myokine decorin is regulated by contraction and involved in muscle hypertrophy. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1089-1094.	1.0	133
31	Cannabinoid type 1 receptors in human skeletal muscle cells participate in the negative crosstalk between fat and muscle. <i>Diabetologia</i> , 2009, 52, 664-674.	2.9	132
32	Obesity-associated insulin resistance in skeletal muscle: Role of lipid accumulation and physical inactivity. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011, 12, 163-172.	2.6	129
33	Exercise and Regulation of Adipokine and Myokine Production. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 135, 313-336.	0.9	118
34	Soluble DPP4 induces inflammation and proliferation of human smooth muscle cells via protease-activated receptor 2. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1613-1621.	1.8	116
35	Contractile activity of human skeletal muscle cells prevents insulin resistance by inhibiting pro-inflammatory signalling pathways. <i>Diabetologia</i> , 2012, 55, 1128-1139.	2.9	115
36	The adipocyte-myocyte axis in insulin resistance. <i>Trends in Endocrinology and Metabolism</i> , 2006, 17, 416-422.	3.1	109

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37	Shedding of dipeptidyl peptidase 4 is mediated by metalloproteases and upregulated by hypoxia in human adipocytes and smooth muscle cells. <i>FEBS Letters</i> , 2014, 588, 3870-3877.	1.3	108
38	Adipose tissue in obesity and obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2012, 39, 746-767.	3.1	103
39	Growth promoting and metabolic activity of the human insulin analogue [GlyA21,ArgB31,ArgB32]insulin (HOE 901) in muscle cells. <i>European Journal of Pharmacology</i> , 1997, 320, 259-265.	1.7	98
40	Browning of white fat: does irisin play a role in humans?. <i>Journal of Endocrinology</i> , 2014, 222, R25-R38.	1.2	97
41	Functional annotation of the human fat cell secretome. <i>Archives of Physiology and Biochemistry</i> , 2012, 118, 84-91.	1.0	96
42	Rab11 is associated with GLUT4-containing vesicles and redistributes in response to insulin. <i>Diabetologia</i> , 2000, 43, 1518-1527.	2.9	94
43	Regulation of follistatin-like protein 1 expression and secretion in primary human skeletal muscle cells. <i>Archives of Physiology and Biochemistry</i> , 2013, 119, 75-80.	1.0	88
44	Cardioprotective Properties of Omentin-1 in Type 2 Diabetes: Evidence from Clinical and In Vitro Studies. <i>PLoS ONE</i> , 2013, 8, e59697.	1.1	87
45	Monocyte chemotactic protein-1 and its role in insulin resistance. <i>Current Opinion in Lipidology</i> , 2007, 18, 258-262.	1.2	86
46	Secretory Type II Phospholipase A2 Is Produced and Secreted by Epicardial Adipose Tissue and Overexpressed in Patients with Coronary Artery Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 963-967.	1.8	85
47	DPP4 and ACE2 in Diabetes and COVID-19: Therapeutic Targets for Cardiovascular Complications?. <i>Frontiers in Pharmacology</i> , 2020, 11, 1161.	1.6	80
48	Adipose tissue inflammation: novel insight into the role of macrophages and lymphocytes. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 366-370.	1.3	78
49	Uptake of thyroid hormone by isolated rat liver cells. <i>Biochemical and Biophysical Research Communications</i> , 1976, 73, 98-104.	1.0	77
50	Acute and chronic effects of troglitazone (CS-045) on isolated rat ventricular cardiomyocytes. <i>Diabetologia</i> , 1996, 39, 766-774.	2.9	76
51	Electrical pulse stimulation of cultured skeletal muscle cells as a model for <i>in vitro</i> exercise possibilities and limitations. <i>Acta Physiologica</i> , 2017, 220, 310-331.	1.8	76
52	Cytokine secretion by human adipocytes is differentially regulated by adiponectin, AICAR, and troglitazone. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 700-706.	1.0	73
53	Synthesis and Mechanism of Hypoglycemic Activity of Benzothiazole Derivatives. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5335-5350.	2.9	70
54	Calreticulin Destabilizes Glucose Transporter-1 mRNA in Vascular Endothelial and Smooth Muscle Cells Under High-Glucose Conditions. <i>Circulation Research</i> , 2005, 97, 1001-1008.	2.0	69

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55	The Natural Protective Mechanism Against Hyperglycemia in Vascular Endothelial Cells. <i>Diabetes</i> , 2010, 59, 808-818.	0.3	67
56	Myokines in metabolic homeostasis and diabetes. <i>Diabetologia</i> , 2019, 62, 1523-1528.	2.9	63
57	Heat Shock Protein 60 as a Mediator of Adipose Tissue Inflammation and Insulin Resistance. <i>Diabetes</i> , 2012, 61, 615-625.	0.3	62
58	Combinatorial hexapeptide ligand libraries (ProteoMiner [®]): An innovative fractionation tool for differential quantitative clinical proteomics. <i>Archives of Physiology and Biochemistry</i> , 2009, 115, 155-160.	1.0	60
59	Characterization of human glucose transporter (GLUT) 11 (encoded by SLC2A11), a novel sugar-transport facilitator specifically expressed in heart and skeletal muscle. <i>Biochemical Journal</i> , 2001, 359, 443.	1.7	59
60	Development of insulin-responsive glucose uptake and GLUT4 expression in differentiating human adipocyte precursor cells. <i>International Journal of Obesity</i> , 1998, 22, 448-453.	1.6	58
61	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. <i>Diabetes</i> , 2003, 52, 2227-2238.	0.3	58
62	Contraction-induced translocation of the glucose transporter Glut4 in isolated ventricular cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 1207-1214.	1.0	57
63	Eicosapentaenoic acid and arachidonic acid differentially regulate adipogenesis, acquisition of a brite phenotype and mitochondrial function in primary human adipocytes. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2065-2075.	1.5	56
64	IGF-1 receptor signalling determines the mitogenic potency of insulin analogues in human smooth muscle cells and fibroblasts. <i>Diabetologia</i> , 2007, 50, 2534-2543.	2.9	55
65	Skeletal muscle insulin resistance induced by adipocyte-conditioned medium: underlying mechanisms and reversibility. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E1070-E1077.	1.8	55
66	Functional role of Rab11 in GLUT4 trafficking in cardiomyocytes. <i>Molecular and Cellular Endocrinology</i> , 2005, 235, 1-9.	1.6	54
67	Oleic acid and adipokines synergize in inducing proliferation and inflammatory signalling in human vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1177-1188.	1.6	54
68	Chemotactic cytokines, obesity and type 2 diabetes: in vivo and in vitro evidence for a possible causal correlation?. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 378-384.	0.4	53
69	Secretory products of guinea pig epicardial fat induce insulin resistance and impair primary adult rat cardiomyocyte function. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2399-2410.	1.6	53
70	Anti-apoptotic Action of Exendin-4 in INS-1 Beta Cells: Comparative Protein Pattern Analysis of Isolated Mitochondria. <i>Hormone and Metabolic Research</i> , 2009, 41, 294-301.	0.7	52
71	Chitinase-3-like protein 1 protects skeletal muscle from TNF α -induced inflammation and insulin resistance. <i>Biochemical Journal</i> , 2014, 459, 479-488.	1.7	51
72	Insulin-Mediated Phosphorylation of the Proline-Rich Akt Substrate PRAS40 Is Impaired in Insulin Target Tissues of High-Fat Diet-Fed Rats. <i>Diabetes</i> , 2006, 55, 3221-3228.	0.3	50

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73	Pathways leading to muscle insulin resistance – The muscle – fat connection. Archives of Physiology and Biochemistry, 2006, 112, 105-113.	1.0	49
74	Delayed autoregulation of glucose transport in vascular endothelial cells. Diabetologia, 2005, 48, 752-755.	2.9	48
75	Signalling pathways of an insulin-mimetic phosphoinositolygan–peptide in muscle and adipose tissue. Biochemical Journal, 1998, 330, 277-286.	1.7	47
76	Diabetes-induced decrease in the mRNA coding for sarcoplasmic reticulum Ca ²⁺ -ATPase in adult rat cardiomyocytes. Biochemical and Biophysical Research Communications, 1991, 178, 906-912.	1.0	45
77	[LysB3, GluB29] insulin: a novel insulin analog with enhanced β -cell protective action. Biochemical and Biophysical Research Communications, 2003, 310, 852-859.	1.0	45
78	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.	1.8	44
79	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.	1.4	43
80	Protein Array Reveals Differentially Expressed Proteins in Subcutaneous Adipose Tissue in Obesity. Obesity, 2007, 15, 2396-2406.	1.5	42
81	–Browning– of adipose tissue – regulation and therapeutic perspectives. Archives of Physiology and Biochemistry, 2013, 119, 151-160.	1.0	42
82	Hypoxia in Combination With Muscle Contraction Improves Insulin Action and Glucose Metabolism in Human Skeletal Muscle via the HIF-1 α Pathway. Diabetes, 2017, 66, 2800-2807.	0.3	42
83	Inhibitor β kinase is involved in the paracrine crosstalk between human fat and muscle cells. International Journal of Obesity, 2004, 28, 985-992.	1.6	41
84	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.	3.6	41
85	Insulin Resistance in the Heart: Studies on Isolated Cardiocytes of Genetically Obese Zucker Rats*. Endocrinology, 1985, 116, 1529-1534.	1.4	40
86	Soluble dipeptidyl peptidase-4 induces microvascular endothelial dysfunction through proteinase-activated receptor-2 and thromboxane A2 release. Journal of Hypertension, 2016, 34, 869-876.	0.3	40
87	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.	0.7	39
88	Hypoxia reduces the response of human adipocytes towards TNF α resulting in reduced NF- β signaling and MCP-1 secretion. International Journal of Obesity, 2012, 36, 986-992.	1.6	39
89	Insulin action on glucose transport in isolated cardiac myocytes: signalling pathways and diabetes-induced alterations. Biochemical Society Transactions, 1990, 18, 1125-1127.	1.6	38
90	Chemerin as biomarker for insulin sensitivity in males without typical characteristics of metabolic syndrome. Archives of Physiology and Biochemistry, 2012, 118, 135-138.	1.0	38

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91	Regulation of retinol binding protein 4 production in primary human adipocytes by adiponectin, troglitazone and TNF- α . <i>Diabetologia</i> , 2007, 50, 2221-2223.	2.9	35
92	The exercise-regulated myokine chitinase-3-like protein 1 stimulates human myocyte proliferation. <i>Acta Physiologica</i> , 2016, 216, 330-345.	1.8	35
93	Leptin and Tumor Necrosis Factor- α Induce the Tyrosine Phosphorylation of Signal Transducer and Activator of Transcription Proteins in the Hypothalamus of Normal Rats <i>In Vivo</i> . <i>Endocrinology</i> , 2001, 142, 3027-3032.	1.4	33
94	Qualitative characteristics of HDL in young patients of an acute myocardial infarction. <i>Atherosclerosis</i> , 2012, 220, 257-264.	0.4	33
95	Adipokines and inflammatory markers in elderly subjects with high risk of type 2 diabetes and cardiovascular disease. <i>Scientific Reports</i> , 2018, 8, 12816.	1.6	33
96	Diversification of cardiac insulin signaling involves the p85/ β subunits of phosphatidylinositol 3-kinase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E65-E74.	1.8	32
97	Reduced DPP4 activity improves insulin signaling in primary human adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 348-354.	1.0	32
98	The fatty acid translocase (FAT)/CD36 and the glucose transporter GLUT4 are localized in different cellular compartments in rat cardiac muscle. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 665-669.	1.0	31
99	Role of lipid-derived mediators in skeletal muscle insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1004-E1012.	1.8	31
100	Differentiation of human adipocytes at physiological oxygen levels results in increased adiponectin secretion and isoproterenol-stimulated lipolysis. <i>Adipocyte</i> , 2012, 1, 132-181.	1.3	31
101	Monocyte chemoattractant protein-induced protein 1 impairs adipogenesis in 3T3-L1 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 780-788.	1.9	31
102	Adipose Tissue Dysfunction and Inflammation in Cardiovascular Disease. <i>Frontiers of Hormone Research</i> , 2014, 43, 79-92.	1.0	31
103	Induction of Insulin Resistance in Primary Cultured Adult Cardiac Myocytes*. <i>Endocrinology</i> , 1991, 129, 345-352.	1.4	30
104	Conditioned medium obtained from in vitro differentiated adipocytes and resistin induce insulin resistance in human hepatocytes. <i>FEBS Letters</i> , 2007, 581, 4303-4308.	1.3	30
105	Nutritional Ingredients Modulate Adipokine Secretion and Inflammation in Human Primary Adipocytes. <i>Nutrients</i> , 2015, 7, 865-886.	1.7	30
106	Molecular Mechanisms of Contraction-Induced Translocation of GLUT4 in Isolated Cardiomyocytes. <i>American Journal of Cardiology</i> , 1997, 80, 85A-89A.	0.7	29
107	In Vitro Phosphorylation of Insulin Receptor Substrate 1 by Protein Kinase C- α : Functional Analysis and Identification of Novel Phosphorylation Sites. <i>Biochemistry</i> , 2004, 43, 5888-5901.	1.2	29
108	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. <i>Obesity Facts</i> , 2011, 4, 407-416.	1.6	29

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109	Novel Mediators of Adipose Tissue and Muscle Crosstalk. <i>Current Obesity Reports</i> , 2015, 4, 411-417.	3.5	29
110	Stimulation of Cardiac Glucose Transport by Thioctic Acid and Insulin. <i>Hormone and Metabolic Research</i> , 1999, 31, 632-635.	0.7	28
111	^{LAPS}Insulin115: A novel ultra-long-acting basal insulin with a unique action profile. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1722-1731.	2.2	27
112	Insulin Receptor Substrate-4 Is Expressed in Muscle Tissue without Acting as a Substrate for the Insulin Receptor. <i>Endocrinology</i> , 2003, 144, 1211-1218.	1.4	26
113	Prevention of diabetes complications in developing countries: time to intensify self-management education. <i>Archives of Physiology and Biochemistry</i> , 2011, 117, 251-253.	1.0	25
114	Adipocyte-derived factors impair insulin signaling in differentiated human vascular smooth muscle cells via the upregulation of miR-143. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 275-283.	1.8	25
115	DPP4 deletion in adipose tissue improves hepatic insulin sensitivity in diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E590-E599.	1.8	25
116	Heat Shock Protein 60 in Obesity: Effect of Bariatric Surgery and its Relation to Inflammation and Cardiovascular Risk. <i>Obesity</i> , 2017, 25, 2108-2114.	1.5	24
117	Organ Crosstalk and the Modulation of Insulin Signaling. <i>Cells</i> , 2021, 10, 2082.	1.8	24
118	Molecular mechanisms of contraction-regulated cardiac glucose transport. <i>Biochemical Journal</i> , 2000, 346, 841-847.	1.7	23
119	FIP2 and Rip11 specify Rab11a-mediated cellular distribution of GLUT4 and FAT/CD36 in H9c2-hIR cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 119-125.	1.0	23
120	Regulation of subcellular distribution of GLUT4 in cardiomyocytes: Rab4A reduces basal glucose transport and augments insulin responsiveness. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 108, 26-36.	0.6	23
121	Eicosanoids participate in the regulation of cardiac glucose transport by contribution to a rearrangement of actin cytoskeletal elements. <i>Biochemical Journal</i> , 2001, 359, 47-54.	1.7	22
122	Deletion of CD73 promotes dyslipidemia and intramyocellular lipid accumulation in muscle of mice. <i>Archives of Physiology and Biochemistry</i> , 2013, 119, 39-51.	1.0	22
123	Novel aspects of adipocyte-induced skeletal muscle insulin resistance. <i>Archives of Physiology and Biochemistry</i> , 2008, 114, 287-298.	1.0	21
124	The adipokine zinc- α 2-glycoprotein activates AMP kinase in human primary skeletal muscle cells. <i>Archives of Physiology and Biochemistry</i> , 2011, 117, 88-93.	1.0	21
125	Sex Steroid-Induced Changes in Circulating Monocyte Chemoattractant Protein-1 Levels May Contribute to Metabolic Dysfunction in Obese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1187-E1191.	1.8	20
126	Differential impact of oleate, palmitate, and adipokines on expression of NF- κ B target genes in human vascular smooth muscle cells. <i>Molecular and Cellular Endocrinology</i> , 2012, 362, 194-201.	1.6	20

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127	Insulin action on cardiac glucose transport: studies on the role of protein kinase C. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1265, 73-78.	1.9	19
128	Epicardial Fat from Guinea Pig: A Model to Study the Paracrine Network of Interactions between Epicardial Fat and Myocardium?. <i>Cardiovascular Drugs and Therapy</i> , 2008, 22, 107-114.	1.3	19
129	ProteoMiner [®] and SELDI-TOF-MS: A robust and highly reproducible combination for biomarker discovery from whole blood serum. <i>Archives of Physiology and Biochemistry</i> , 2010, 116, 174-180.	1.0	17
130	A novel method to monitor insulin-stimulated GTP-loading of Rab11a in cardiomyocytes. <i>Cellular Signalling</i> , 2007, 19, 825-830.	1.7	16
131	Insulin analogues: Action profiles beyond glycaemic control. <i>Archives of Physiology and Biochemistry</i> , 2008, 114, 45-53.	1.0	14
132	Identification of novel putative adipomyokines by a cross-species annotation of secretomes and expression profiles. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 194-205.	1.0	14
133	Hypothalamic expression of neuropeptide-Y in the New Zealand obese mouse. <i>International Journal of Obesity</i> , 1998, 22, 1172-1177.	1.6	13
134	Eicosanoids participate in the regulation of cardiac glucose transport by contribution to a rearrangement of actin cytoskeletal elements. <i>Biochemical Journal</i> , 2001, 359, 47.	1.7	12
135	Early acarbose treatment ameliorates resistance of insulin-regulated GLUT4 trafficking in obese Zucker rats. <i>European Journal of Pharmacology</i> , 2002, 445, 141-148.	1.7	12
136	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. <i>Journal of Endocrinology</i> , 2005, 185, 439-444.	1.2	12
137	Adipokines enhance oleic acid-induced proliferation of vascular smooth muscle cells by inducing CD36 expression. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 81-87.	1.0	12
138	Photoaffinity labelling of cardiac membrane GTP-binding proteins in response to insulin. <i>FEBS Journal</i> , 1994, 219, 325-330.	0.2	11
139	Insulin-dependent translocation of the small GTP-binding protein rab3C in cardiac muscle: studies on insulin-resistant Zucker rats. <i>FEBS Letters</i> , 1995, 377, 109-112.	1.3	11
140	Effects of tamoxifen on human squamous cell carcinoma lines of the head and neck. <i>Anti-Cancer Drugs</i> , 2002, 13, 521-531.	0.7	10
141	Differential phosphorylation of IRS-1 and IRS-2 by insulin and IGF-I receptors. <i>Archives of Physiology and Biochemistry</i> , 2006, 112, 37-47.	1.0	10
142	Protease-Activated Receptor 2 Promotes Pro-Atherogenic Effects through Transactivation of the VEGF Receptor 2 in Human Vascular Smooth Muscle Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 497.	1.6	10
143	Eicosanoids and the Regulation of Cardiac Glucose Transport. <i>Annals of the New York Academy of Sciences</i> , 2002, 967, 208-216.	1.8	9
144	Adipokines promote lipotoxicity in human skeletal muscle cells. <i>Archives of Physiology and Biochemistry</i> , 2012, 118, 92-101.	1.0	9

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145	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.	1.0	8
146	Adipose Tissue. , 2018, , 9-63.		8
147	Effect of the long-acting insulin analogues glargine and degludec on cardiomyocyte cell signalling and function. Cardiovascular Diabetology, 2016, 15, 96.	2.7	6
148	Regulation of cardiac insulin receptor function by guanosine nucleotides. FEBS Letters, 1992, 314, 72-76.	1.3	5
149	Molecular mechanisms of contraction-regulated cardiac glucose transport. Biochemical Journal, 2000, 346, 841.	1.7	5
150	NDUFB6 Polymorphism Is Associated With Physical Activity-Mediated Metabolic Changes in Type 2 Diabetes. Frontiers in Endocrinology, 2021, 12, 693683.	1.5	5
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