Pietro Formisano

List of Publications by Year in Descending Order

175 papers	5,126 citations	38 h-index	62 g-index
194 ext. papers	6,210 ext. citations	5 avg, IF	5.29 L-index

#	Paper	IF	Citations
175	Epicardial Adipose Tissue and Postoperative Atrial Fibrillation.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 810334	5.4	0
174	ZMAT3 hypomethylation contributes to early senescence of preadipocytes from healthy first-degree relatives of type 2 diabetics.. *Aging Cell*, **2022**, e13557	9.9	3
173	Serotoninergic receptor ligands improve Tamoxifen effectiveness on breast cancer cells.. *BMC Cancer*, **2022**, 22, 171	4.8	0
172	Inflammation and Cardiovascular Diseases in the Elderly: The Role of Epicardial Adipose Tissue.. *Frontiers in Medicine*, **2022**, 9, 844266	4.9	2
171	Peri-Prostatic Adipocyte-Released TGFEnhances Prostate Cancer Cell Motility by Upregulation of Connective Tissue Growth Factor. *Biomedicines*, **2021**, 9,	4.8	2
170	Iodine Intake from Food and Iodized Salt as Related to Dietary Salt Consumption in the Italian Adult General Population. *Nutrients*, **2021**, 13,	6.7	2
169	Cytokine signature and COVID-19 prediction models in the two waves of pandemics. *Scientific Reports*, **2021**, 11, 20793	4.9	10
168	Interleukin 6 reduces vascular smooth muscle cell apoptosis via Prep1 and is associated with aging. *FASEB Journal*, **2021**, 35, e21989	0.9	2
167	Adipocyte precursor cells from first degree relatives of type 2 diabetic patients feature changes in hsa-mir-23a-5p, -193a-5p, and -193b-5p and insulin-like growth factor 2 expression. *FASEB Journal*, **2021**, 35, e21357	0.9	1
166	Periprostatic adipose tissue promotes prostate cancer resistance to docetaxel by paracrine IGF-1 upregulation of TUBB2B beta-tubulin isoform. *Prostate*, **2021**, 81, 407-417	4.2	6
165	Reproductive function of long-term treated patients with hepatic onset of Wilson's disease: a prospective study. *Reproductive BioMedicine Online*, **2021**, 42, 835-841	4	0
164	Pneumonitis in patients with thymoma and Good's syndrome.. *Journal of Clinical Oncology*, **2021**, 39, e20595-e20595	2.2	
163	In severe obesity, subcutaneous adipose tissue cell-derived cytokines are early markers of impaired glucose tolerance and are modulated by quercetin. *International Journal of Obesity*, **2021**, 45, 1811-1820	5.5	1
162	Iodine Intake Estimated by 24 h Urine Collection in the Italian Adult Population: 2008-2012 Survey. *Nutrients*, **2021**, 13,	6.7	1
161	Functional brain network topology across the menstrual cycle is estradiol dependent and correlates with individual well-being. *Journal of Neuroscience Research*, **2021**, 99, 2271-2286	4.4	1
160	Relationship between salt consumption and iodine intake in a pediatric population. *European Journal of Nutrition*, **2021**, 60, 2193-2202	5.2	4
159	The Dual-Role of Methylglyoxal in Tumor Progression - Novel Therapeutic Approaches. *Frontiers in Oncology*, **2021**, 11, 645686	5.3	7

158	Effect of Different Titanium Dental Implant Surfaces on Human Adipose Mesenchymal Stem Cell Behavior. An In Vitro Comparative Study. *Applied Sciences (Switzerland)*, **2021**, 11, 6353	2.6	1
157	Leptin and TGF-β1 Downregulate PREP1 Expression in Human Adipose-Derived Mesenchymal Stem Cells and Mature Adipocytes. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 700481	5.7	2
156	Zoonotic Risk of in Animal-Assisted Interventions: Laboratory Strategies for the Diagnosis of Infections in Humans and Animals. *International Journal of Environmental Research and Public Health* , **2021**, 18,	4.6	4
155	Adipocyte-derived extracellular vesicles promote breast cancer cell malignancy through HIF-1α activity. *Cancer Letters*, **2021**, 521, 155-168	9.9	4
154	Diagnosis of Flier's syndrome in a patient with nondiabetic hypoglycemia: a case report and critical appraisal of the literature. *Endocrine*, **2020**, 69, 73-78	4	1
153	L. Dry Extracts Ameliorate Adipocyte Differentiation of 3T3-L1 Cells Exposed to TNFα by Down-Regulating Expression. *Nutrients*, **2020**, 12,	6.7	2
152	Altered DNA methylation associates with restricted adipogenesis in healthy first-degree relatives of Type 2 diabetes subjects. *Epigenomics*, **2020**, 12, 873-888	4.4	5
151	Platelet-rich plasma counteracts detrimental effect of high-glucose concentrations on mesenchymal stem cells from Bichat fat pad. *Journal of Tissue Engineering and Regenerative Medicine*, **2020**, 14, 701-713	4.4	7
150	Weight and body mass index increase in children and adolescents exposed to antipsychotic drugs in non-interventional settings: a meta-analysis and meta-regression. *European Child and Adolescent Psychiatry*, **2020**, 1	5.5	4
149	Imbalance Between Interleukin-1α and Interleukin-1 Receptor Antagonist in Epicardial Adipose Tissue Is Associated With Non ST-Segment Elevation Acute Coronary Syndrome. *Frontiers in Physiology*, **2020**, 11, 42	4.6	11
148	The Thyroid Hormone Inactivator Enzyme, Type 3 Deiodinase, Is Essential for Coordination of Keratinocyte Growth and Differentiation. *Thyroid*, **2020**, 30, 1066-1078	6.2	10
147	Gene-Environment Interaction and Cancer **2020**, 95-115		1
146	Low-dose Bisphenol-A Promotes Epigenetic Changes at Promoter in Adipose Precursor Cells. *Nutrients*, **2020**, 12,	6.7	10
145	Epicardial Adipose Tissue and IL-13 Response to Myocardial Injury Drives Left Ventricular Remodeling After ST Elevation Myocardial Infarction. *Frontiers in Physiology*, **2020**, 11, 575181	4.6	5
144	Mammary Adipose Tissue Control of Breast Cancer Progression: Impact of Obesity and Diabetes. *Frontiers in Oncology*, **2020**, 10, 1554	5.3	16
143	Potential Mechanisms of Bisphenol A (BPA) Contributing to Human Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	54
142	A New Horizon of Liquid Biopsy in Thymic Epithelial Tumors: The Potential Utility of Circulating Cell-Free DNA. *Frontiers in Oncology*, **2020**, 10, 602153	5.3	3
141	The Relevance of Insulin Action in the Dopaminergic System. *Frontiers in Neuroscience*, **2019**, 13, 868	5.1	29

140	The Oncolytic Virus 922-947 Triggers Immunogenic Cell Death in Mesothelioma and Reduces Xenograft Growth. *Frontiers in Oncology*, **2019**, 9, 564	5.3	22
139	Pro-inflammatory adipokine profile in psoriatic arthritis: results from a cross-sectional study comparing PsA subset with evident cutaneous involvement and subset "sine psoriasis". *Clinical Rheumatology*, **2019**, 38, 2547-2552	3.9	13
138	Adipose Tissue Dysfunction as Determinant of Obesity-Associated Metabolic Complications. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	380
137	Iodine deficiency among Italian children and adolescents assessed through 24-hour urinary iodine excretion. *American Journal of Clinical Nutrition*, **2019**, 109, 1080-1087	7	8
136	Efficacy of animal-assisted therapy adapted to reality orientation therapy: measurement of salivary cortisol. *Psychogeriatrics*, **2019**, 19, 510-512	1.8	14
135	Statin therapy modulates thickness and inflammatory profile of human epicardial adipose tissue. *International Journal of Cardiology*, **2019**, 274, 326-330	3.2	47
134	V2-Specific Antibodies in HIV-1 Vaccine Research and Natural Infection: Controllers or Surrogate Markers. *Animals*, **2019**, 9,	3.1	8
133	Human heart shifts from IGF-1 production to utilization with chronic heart failure. *Endocrine*, **2019**, 65, 714-716	4	3
132	Prep1 regulates angiogenesis through a PGC-1-mediated mechanism. *FASEB Journal*, **2019**, 33, 13893-13904	3.9	8
131	Low-dose Bisphenol-A regulates inflammatory cytokines through GPR30 in mammary adipose cells. *Journal of Molecular Endocrinology*, **2019**, 63, 273-283	4.5	21
130	Clinical application of circulating cell-free DNA for monitoring the biological course of thymic epithelial tumors.. *Journal of Clinical Oncology*, **2019**, 37, 8566-8566	2.2	
129	Falsely elevated thyroglobulin and calcitonin due to rheumatoid factor in non-relapsing thyroid carcinoma: A case report. *Medicine (United States)*, **2019**, 98, e14178	1.8	7
128	Epigenetic silencing of the ANKRD26 gene correlates to the pro-inflammatory profile and increased cardio-metabolic risk factors in human obesity. *Clinical Epigenetics*, **2019**, 11, 181	7.7	8
127	Severe Vitamin D Deficiency Increases Mortality Among Patients With Liver Cirrhosis Regardless of the Presence of HCC. *In Vivo*, **2019**, 33, 177-182	2.3	9
126	Methylglyoxal accumulation de-regulates HoxA5 expression, thereby impairing angiogenesis in glyoxalase 1 knock-down mouse aortic endothelial cells. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 73-85	6.9	17
125	The serum-ascites vitamin D gradient (SADG): A novel index in spontaneous bacterial peritonitis. *Clinics and Research in Hepatology and Gastroenterology*, **2019**, 43, e57-e60	2.4	5
124	Role of the HIF-1Nur77 axis in the regulation of the tyrosine hydroxylase expression by insulin in PC12 cells. *Journal of Cellular Physiology*, **2019**, 234, 11861-11870	7	9
123	Prep1 deficiency improves metabolic response in white adipose tissue. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2018**, 1863, 515-525	5	7

122	Oleic acid promotes prostate cancer malignant phenotype via the G protein-coupled receptor FFA1/GPR40. *Journal of Cellular Physiology*, **2018**, 233, 7367-7378	7	20
121	Prep1 Deficiency Affects Olfactory Perception and Feeding Behavior by Impairing BDNF-TrkB Mediated Neurotrophic Signaling. *Molecular Neurobiology*, **2018**, 55, 6801-6815	6.2	6
120	Insulin-resistance in glycogen storage disease type Ia: linking carbohydrates and mitochondria?. *Journal of Inherited Metabolic Disease*, **2018**, 41, 985-995	5.4	16
119	Differences in Metabolic Factors Between Antipsychotic-Induced Weight Gain and Non-pharmacological Obesity in Youths. *Clinical Drug Investigation*, **2018**, 38, 457-462	3.2	7
118	White cell and platelet content affects the release of bioactive factors in different blood-derived scaffolds. *Platelets*, **2018**, 29, 463-467	3.6	17
117	The Destiny of Glucose from a MicroRNA Perspective. *Frontiers in Endocrinology*, **2018**, 9, 46	5.7	19
116	Prep1, A Homeodomain Transcription Factor Involved in Glucose and Lipid Metabolism. *Frontiers in Endocrinology*, **2018**, 9, 346	5.7	8
115	Citrus aurantium L. dry extracts promote C/ebp expression and improve adipocyte differentiation in 3T3-L1 cells. *PLoS ONE*, **2018**, 13, e0193704	3.7	10
114	Composite Alginate-Hyaluronan Sponges for the Delivery of Tranexamic Acid in Postextractive Alveolar Wounds. *Journal of Pharmaceutical Sciences*, **2018**, 107, 654-661	3.9	30
113	Epigenetic modifications of the Zfp/ZNF423 gene control murine adipogenic commitment and are dysregulated in human hypertrophic obesity. *Diabetologia*, **2018**, 61, 369-380	10.3	30
112	PPAR, a Naturally Occurring Dominant-Negative Splice Isoform, Impairs PPAR Function and Adipocyte Differentiation. *Cell Reports*, **2018**, 25, 1577-1592.e6	10.6	27
111	Cellular and subcellular localization of uncoupling protein 2 in the human kidney. *Journal of Molecular Histology*, **2018**, 49, 437-445	3.3	8
110	Specific CpG hyper-methylation leads to Ankrd26 gene down-regulation in white adipose tissue of a mouse model of diet-induced obesity. *Scientific Reports*, **2017**, 7, 43526	4.9	27
109	Targetting PED/PEA-15 for diabetes treatment. *Expert Opinion on Therapeutic Targets*, **2017**, 21, 571-581	6.4	6
108	Different Immune Signature in Youths Experiencing Antipsychotic-Induced Weight Gain Compared to Untreated Obese Patients. *Journal of Child and Adolescent Psychopharmacology*, **2017**, 27, 844-848	2.9	6
107	Cellular subtype expression and activation of CaMKII regulate the fate of atherosclerotic plaque. *Atherosclerosis*, **2017**, 256, 53-61	3.1	14
106	Ultrasmall silver nanoparticles loaded in alginate hyaluronic acid hybrid hydrogels for treating infected wounds. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2017**, 66, 626-634	3	25
105	Growth Hormone Deficiency Is Associated with Worse Cardiac Function, Physical Performance, and Outcome in Chronic Heart Failure: Insights from the T.O.S.CA. GHD Study. *PLoS ONE*, **2017**, 12, e0170058	3.7	37

104	Methylglyoxal-Glyoxalase 1 Balance: The Root of Vascular Damage. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	61
103	Ultrapure dialysis water obtained with additional ultrafilter may reduce inflammation in patients on hemodialysis. *Journal of Nephrology*, **2017**, 30, 795-801	4.8	6
102	Vitamin D deficiency is a risk factor for infections in patients affected by HCV-related liver cirrhosis. *International Journal of Infectious Diseases*, **2017**, 63, 23-29	10.5	18
101	Multifaceted Breast Cancer: The Molecular Connection With Obesity. *Journal of Cellular Physiology*, **2017**, 232, 69-77	7	27
100	A peptide antagonist of Prep1-p160 interaction improves ceramide-induced insulin resistance in skeletal muscle cells. *Oncotarget*, **2017**, 8, 71845-71858	3.3	10
99	Glucose impairs tamoxifen responsiveness modulating connective tissue growth factor in breast cancer cells. *Oncotarget*, **2017**, 8, 109000-109017	3.3	18
98	Glucose-induced expression of the homeotic transcription factor Prep1 is associated with histone post-translational modifications in skeletal muscle. *Diabetologia*, **2016**, 59, 176-186	10.3	24
97	Bisphenol A environmental exposure and the detrimental effects on human metabolic health: is it necessary to revise the risk assessment in vulnerable population?. *Journal of Endocrinological Investigation*, **2016**, 39, 259-63	5.2	58
96	Parkinson-like phenotype in insulin-resistant PED/PEA-15 transgenic mice. *Scientific Reports*, **2016**, 6, 29967	4.9	14
95	Hoxa5 undergoes dynamic DNA methylation and transcriptional repression in the adipose tissue of mice exposed to high-fat diet. *International Journal of Obesity*, **2016**, 40, 929-37	5.5	30
94	Pathologic endoplasmic reticulum stress induced by glucotoxic insults inhibits adipocyte differentiation and induces an inflammatory phenotype. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2016**, 1863, 1146-56	4.9	33
93	Substrate-zymography: a still worthwhile method for gelatinases analysis in biological samples. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, 1281-90	5.9	19
92	Low-Dose Bisphenol-A Impairs Adipogenesis and Generates Dysfunctional 3T3-L1 Adipocytes. *PLoS ONE*, **2016**, 11, e0150762	3.7	110
91	Human Peripheral Blood Mononuclear Cell Function and Dendritic Cell Differentiation Are Affected by Bisphenol-A Exposure. *PLoS ONE*, **2016**, 11, e0161122	3.7	17
90	Adipose microenvironment promotes triple negative breast cancer cell invasiveness and dissemination by producing CCL5. *Oncotarget*, **2016**, 7, 24495-509	3.3	71
89	Computational Analysis of Single Nucleotide Polymorphisms Associated with Altered Drug Responsiveness in Type 2 Diabetes. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	5
88	Oxidative Stress Mediates the Antiproliferative Effects of Nelfinavir in Breast Cancer Cells. *PLoS ONE*, **2016**, 11, e0155970	3.7	10
87	Comparison between fibroblast wound healing and cell random migration assays in vitro. *Experimental Cell Research*, **2016**, 347, 123-132	4.2	27

86	Alginate-hyaluronan composite hydrogels accelerate wound healing process. *Carbohydrate Polymers*, **2015**, 131, 407-14	10.3	88
85	Circulating miRNAs as intercellular messengers, potential biomarkers and therapeutic targets for Type 2 diabetes. *Epigenomics*, **2015**, 7, 653-67	4.4	24
84	Epicardial adipose tissue has an increased thickness and is a source of inflammatory mediators in patients with calcific aortic stenosis. *International Journal of Cardiology*, **2015**, 186, 167-9	3.2	35
83	Understanding type 2 diabetes: from genetics to epigenetics. *Acta Diabetologica*, **2015**, 52, 821-7	3.9	34
82	Platelet-Rich Plasma Increases Growth and Motility of Adipose Tissue-Derived Mesenchymal Stem Cells and Controls Adipocyte Secretory Function. *Journal of Cellular Biochemistry*, **2015**, 116, 2408-18	4.7	41
81	Glycogen storage disease type Ia (GSDIa) but not Glycogen storage disease type Ib (GSDIb) is associated to an increased risk of metabolic syndrome: possible role of microsomal glucose 6-phosphate accumulation. *Orphanet Journal of Rare Diseases*, **2015**, 10, 91	4.2	15
80	A targeted secretome profiling by multiplexed immunoassay revealed that secreted chemokine ligand 2 (MCP-1/CCL2) affects neural differentiation in mesencephalic neural progenitor cells. *Proteomics*, **2015**, 15, 714-24	4.8	9
79	Bisphenol-A plasma levels are related to inflammatory markers, visceral obesity and insulin-resistance: a cross-sectional study on adult male population. *Journal of Translational Medicine*, **2015**, 13, 169	8.5	72
78	IGF-1 predicts survival in chronic heart failure. Insights from the T.O.S.CA. (Trattamento Ormonale Nello Scompenso CArdiaco) registry. *International Journal of Cardiology*, **2014**, 176, 1006-8	3.2	26
77	Methylglyoxal impairs endothelial insulin sensitivity both in vitro and in vivo. *Diabetologia*, **2014**, 57, 1485-94	6.9	44
76	Personalized medicine and type 2 diabetes: lesson from epigenetics. *Epigenomics*, **2014**, 6, 229-38	4.4	29
75	PED/PEA-15 inhibits hydrogen peroxide-induced apoptosis in Ins-1E pancreatic beta-cells via PLD-1. *PLoS ONE*, **2014**, 9, e113655	3.7	10
74	Growth-promoting action and growth factor release by different platelet derivatives. *Platelets*, **2014**, 25, 252-6	3.6	52
73	PREP1 deficiency downregulates hepatic lipogenesis and attenuates steatohepatitis in mice. *Diabetologia*, **2013**, 56, 2713-22	10.3	21
72	Bisphenol A in polycystic ovary syndrome and its association with liver-spleen axis. *Clinical Endocrinology*, **2013**, 78, 447-53	3.4	65
71	Adenoviral gene transfer of PLD1-D4 enhances insulin sensitivity in mice by disrupting phospholipase D1 interaction with PED/PEA-15. *PLoS ONE*, **2013**, 8, e60555	3.7	11
70	Bisphenol-A impairs insulin action and up-regulates inflammatory pathways in human subcutaneous adipocytes and 3T3-L1 cells. *PLoS ONE*, **2013**, 8, e82099	3.7	79
69	Clozapine impairs insulin action by up-regulating Akt phosphorylation and Ped/Pea-15 protein abundance. *Journal of Cellular Physiology*, **2012**, 227, 1485-92	7	18

68	PED/PEA-15 controls fibroblast motility and wound closure by ERK1/2-dependent mechanisms. *Journal of Cellular Physiology*, **2012**, 227, 2106-16	7	20
67	PED/PEA-15 induces autophagy and mediates TGF-beta1 effect on muscle cell differentiation. *Cell Death and Differentiation*, **2012**, 19, 1127-38	12.7	25
66	PED/PEA-15 interacts with the 67 kD laminin receptor and regulates cell adhesion, migration, proliferation and apoptosis. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 1435-46	5.6	21
65	Adipocyte-released insulin-like growth factor-1 is regulated by glucose and fatty acids and controls breast cancer cell growth in vitro. *Diabetologia*, **2012**, 55, 2811-2822	10.3	90
64	Inhibition of autophagy enhances the effects of E1A-defective oncolytic adenovirus dl922-947 against glioma cells in vitro and in vivo. *Human Gene Therapy*, **2012**, 23, 623-34	4.8	31
63	A functional allelic variant of the FGF23 gene is associated with renal phosphate leak in calcium nephrolithiasis. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E840-4	5.6	12
62	Age-related impairment in insulin release: the essential role of (2)-adrenergic receptor. *Diabetes*, **2012**, 61, 692-701	0.9	78
61	Peroxisome proliferator-activated receptor- activation enhances insulin-stimulated glucose disposal by reducing ped/pea-15 gene expression in skeletal muscle cells: evidence for involvement of activator protein-1. *Journal of Biological Chemistry*, **2012**, 287, 42951-61	5.4	14
60	Serum 25-Hydroxyvitamin D Levels, phosphoprotein enriched in diabetes gene product (PED/PEA-15) and leptin-to-adiponectin ratio in women with PCOS. *Nutrition and Metabolism*, **2011**, 8, 84	4.6	24
59	Prep1 controls insulin glucoregulatory function in liver by transcriptional targeting of SHP1 tyrosine phosphatase. *Diabetes*, **2011**, 60, 138-47	0.9	27
58	Selective disruption of insulin-like growth factor-1 (IGF-1) signaling via phosphoinositide-dependent kinase-1 prevents the protective effect of IGF-1 on human cancer cell death. *Journal of Biological Chemistry*, **2010**, 285, 6563-72	5.4	19
57	PED/PEA-15 modulates coxsackievirus-adenovirus receptor expression and adenoviral infectivity via ERK-mediated signals in glioma cells. *Human Gene Therapy*, **2010**, 21, 1067-76	4.8	14
56	Inhibition of 3-hydroxy-3-methylglutaryl-coenzyme A reductase activity and of Ras farnesylation mediate antitumor effects of anandamide in human breast cancer cells. *Endocrine-Related Cancer*, **2010**, 17, 495-503	5.7	29
55	Residues 762-801 of PLD1 mediate the interaction with PED/PEA15. *Molecular BioSystems*, **2010**, 6, 2039-48		10
54	Glucosamine-induced endoplasmic reticulum stress affects GLUT4 expression via activating transcription factor 6 in rat and human skeletal muscle cells. *Diabetologia*, **2010**, 53, 955-65	10.3	44
53	Frontiers: PED/PEA-15, a multifunctional protein controlling cell survival and glucose metabolism. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 297, E592-601	6	63
52	Autoantibodies to glutamic acid decarboxylase (GAD) in focal and generalized epilepsy: A study on 233 patients. *Journal of Neuroimmunology*, **2009**, 211, 120-3	3.5	62
51	Calcium-calmodulin-dependent kinase II (CaMKII) mediates insulin-stimulated proliferation and glucose uptake. *Cellular Signalling*, **2009**, 21, 786-92	4.9	38

50	Overproduction of phosphoprotein enriched in diabetes (PED) induces mesangial expansion and upregulates protein kinase C-beta activity and TGF-beta1 expression. *Diabetologia*, **2009**, 52, 2642-52	10.3	12
49	Atypical protein kinase C dysfunction and the metabolic syndrome. *Trends in Endocrinology and Metabolism*, **2008**, 19, 39-41	8.8	2
48	Molecular cloning and characterization of the human PED/PEA-15 gene promoter reveal antagonistic regulation by hepatocyte nuclear factor 4alpha and chicken ovalbumin upstream promoter transcription factor II. *Journal of Biological Chemistry*, **2008**, 283, 30970-9	5.4	25
47	The cannabinoid CB1 receptor antagonist rimonabant stimulates 2-deoxyglucose uptake in skeletal muscle cells by regulating the expression of phosphatidylinositol-3-kinase. *Molecular Pharmacology*, **2008**, 74, 1678-86	4.3	74
46	Prep1 deficiency induces protection from diabetes and increased insulin sensitivity through a p160-mediated mechanism. *Molecular and Cellular Biology*, **2008**, 28, 5634-45	4.8	38
45	In skeletal muscle advanced glycation end products (AGEs) inhibit insulin action and induce the formation of multimolecular complexes including the receptor for AGEs. *Journal of Biological Chemistry*, **2008**, 283, 36088-99	5.4	87
44	Targeting of PED/PEA-15 molecular interaction with phospholipase D1 enhances insulin sensitivity in skeletal muscle cells. *Journal of Biological Chemistry*, **2008**, 283, 21769-78	5.4	33
43	Glutamic acid decarboxylase antibodies in idiopathic generalized epilepsy and type 1 diabetes. *Annals of Neurology*, **2008**, 63, 127-8	9.4	15
42	Overexpression of the phosphoprotein enriched in diabetes gene product (Ped/pea-15) in women with polycystic ovary syndrome. *Clinical Endocrinology*, **2007**, 67, 557-62	3.4	6
41	Glucose regulates diacylglycerol intracellular levels and protein kinase C activity by modulating diacylglycerol kinase subcellular localization. *Journal of Biological Chemistry*, **2007**, 282, 31835-43	5.4	50
40	PED/PEA-15 regulates glucose-induced insulin secretion by restraining potassium channel expression in pancreatic beta-cells. *Diabetes*, **2007**, 56, 622-33	0.9	27
39	AP20187-mediated activation of a chimeric insulin receptor results in insulin-like actions in skeletal muscle and liver of diabetic mice. *Human Gene Therapy*, **2007**, 18, 106-17	4.8	4
38	Phorbol esters induce intracellular accumulation of the anti-apoptotic protein PED/PEA-15 by preventing ubiquitinylation and proteasomal degradation. *Journal of Biological Chemistry*, **2007**, 282, 8648-57	5.4	22
37	The PEA15 gene is overexpressed and related to insulin resistance in healthy first-degree relatives of patients with type 2 diabetes. *Diabetologia*, **2006**, 49, 3058-66	10.3	35
36	Thrombin-activated platelets induce proliferation of human skin fibroblasts by stimulating autocrine production of insulin-like growth factor-1. *FASEB Journal*, **2006**, 20, 2402-4	0.9	32
35	Endogenously activated mGlu5 metabotropic glutamate receptors sustain the increase in c-Myc expression induced by leukaemia inhibitory factor in cultured mouse embryonic stem cells. *Journal of Neurochemistry*, **2006**, 99, 299-307	6	24
34	Raised expression of the antiapoptotic protein ped/pea-15 increases susceptibility to chemically induced skin tumor development. *Oncogene*, **2005**, 24, 7012-21	9.2	32
33	Protein kinase C-alpha regulates insulin action and degradation by interacting with insulin receptor substrate-1 and 14-3-3 epsilon. *Journal of Biological Chemistry*, **2005**, 280, 40642-9	5.4	34

32	Tyrosine phosphorylation of phosphoinositide-dependent kinase 1 by the insulin receptor is necessary for insulin metabolic signaling. *Molecular and Cellular Biology*, **2005**, 25, 10803-14	4.8	13
31	Protein kinase C-zeta and protein kinase B regulate distinct steps of insulin endocytosis and intracellular sorting. *Journal of Biological Chemistry*, **2004**, 279, 11137-45	5.4	27
30	Omi/HtrA2 promotes cell death by binding and degrading the anti-apoptotic protein ped/pea-15. *Journal of Biological Chemistry*, **2004**, 279, 46566-72	5.4	65
29	Overexpression of the ped/pea-15 gene causes diabetes by impairing glucose-stimulated insulin secretion in addition to insulin action. *Molecular and Cellular Biology*, **2004**, 24, 5005-15	4.8	53
28	Pharmacological regulation of the insulin receptor signaling pathway mimics insulin action in cells transduced with viral vectors. *Human Gene Therapy*, **2004**, 15, 1101-8	4.8	4
27	Cu,Zn superoxide dismutase increases intracellular calcium levels via a phospholipase C-protein kinase C pathway in SK-N-BE neuroblastoma cells. *Biochemical and Biophysical Research Communications*, **2004**, 324, 887-92	3.4	25
26	Human glycated albumin affects glucose metabolism in L6 skeletal muscle cells by impairing insulin-induced insulin receptor substrate (IRS) signaling through a protein kinase C alpha-mediated mechanism. *Journal of Biological Chemistry*, **2003**, 278, 47376-87	5.4	107
25	Protein kinase Calpha activation by RET: evidence for a negative feedback mechanism controlling RET tyrosine kinase. *Oncogene*, **2003**, 22, 2942-9	9.2	22
24	Protein kinase B/Akt binds and phosphorylates PED/PEA-15, stabilizing its antiapoptotic action. *Molecular and Cellular Biology*, **2003**, 23, 4511-21	4.8	125
23	Glucose regulates insulin mitogenic effect by modulating SHP-2 activation and localization in JAr cells. *Journal of Biological Chemistry*, **2002**, 277, 24306-14	5.4	13
22	Multiple members of the mitogen-activated protein kinase family are necessary for PED/PEA-15 anti-apoptotic function. *Journal of Biological Chemistry*, **2002**, 277, 11013-8	5.4	47
21	Effect of Cu,Zn superoxide dismutase on cholesterol metabolism in human hepatocarcinoma (HepG2) cells. *Biochemical and Biophysical Research Communications*, **2002**, 295, 603-9	3.4	15
20	The insulin receptor substrate (IRS)-1 recruits phosphatidylinositol 3-kinase to Ret: evidence for a competition between Shc and IRS-1 for the binding to Ret. *Oncogene*, **2001**, 20, 209-18	9.2	54
19	Protein kinase C (PKC)-alpha activation inhibits PKC-zeta and mediates the action of PED/PEA-15 on glucose transport in the L6 skeletal muscle cells. *Diabetes*, **2001**, 50, 1244-52	0.9	63
18	Activation and mitochondrial translocation of protein kinase Cdelta are necessary for insulin stimulation of pyruvate dehydrogenase complex activity in muscle and liver cells. *Journal of Biological Chemistry*, **2001**, 276, 45088-97	5.4	72
17	Insulin receptor substrate-2 phosphorylation is necessary for protein kinase C zeta activation by insulin in L6hIR cells. *Journal of Biological Chemistry*, **2001**, 276, 37109-19	5.4	38
16	The role of protein kinase C isoforms in insulin action. *Journal of Endocrinological Investigation*, **2001**, 24, 460-7	5.2	20
15	Insulin-activated protein kinase Cbeta bypasses Ras and stimulates mitogen-activated protein kinase activity and cell proliferation in muscle cells. *Molecular and Cellular Biology*, **2000**, 20, 6323-33	4.8	63

14	PKB inhibition prevents the stimulatory effect of insulin on glucose transport and protein translocation but not the antilipolytic effect in rat adipocytes. *Biochemical and Biophysical Research Communications*, **2000**, 268, 315-20	3.4	55
13	Comparison of the intracellular trafficking of two alternatively spliced isoforms of pp120, a substrate of the insulin receptor tyrosine kinase. *Journal of Cellular Biochemistry*, **1999**, 76, 133-42	4.7	6
12	In L6 skeletal muscle cells, glucose induces cytosolic translocation of protein kinase C-alpha and trans-activates the insulin receptor kinase. *Journal of Biological Chemistry*, **1999**, 274, 28637-44	5.4	30
11	Differential role of insulin receptor substrate (IRS)-1 and IRS-2 in L6 skeletal muscle cells expressing the Arg1152 --> Gln insulin receptor. *Journal of Biological Chemistry*, **1999**, 274, 3094-102	5.4	30
10	PED/PEA-15: an anti-apoptotic molecule that regulates FAS/TNFR1-induced apoptosis. *Oncogene*, **1999**, 18, 4409-15	9.2	146
9	PED/PEA-15 gene controls glucose transport and is overexpressed in type 2 diabetes mellitus. *EMBO Journal*, **1998**, 17, 3858-66	13	136
8	Evidence that IRS-2 phosphorylation is required for insulin action in hepatocytes. *Journal of Biological Chemistry*, **1998**, 273, 17491-7	5.4	133
7	In NIH-3T3 fibroblasts, insulin receptor interaction with specific protein kinase C isoforms controls receptor intracellular routing. *Journal of Biological Chemistry*, **1998**, 273, 13197-202	5.4	39
6	In skeletal muscle, glucose storage and oxidation are differentially impaired by the IR1152 mutant receptor. *Journal of Biological Chemistry*, **1997**, 272, 7290-7	5.4	23
5	Abnormal glucose transport and GLUT1 cell-surface content in fibroblasts and skeletal muscle from NIDDM and obese subjects. *Diabetologia*, **1997**, 40, 421-9	10.3	30
4	Receptor-mediated internalization of insulin. Potential role of pp120/HA4, a substrate of the insulin receptor kinase. *Journal of Biological Chemistry*, **1995**, 270, 24073-7	5.4	56
3	Decreased phosphorylation of mutant insulin receptor by protein kinase C and protein kinase A. *Journal of Biological Chemistry*, **1995**, 270, 15844-52	5.4	13
2	Insulin-stimulated phosphorylation of recombinant pp120/HA4, an endogenous substrate of the insulin receptor tyrosine kinase. *Biochemistry*, **1995**, 34, 9341-9	3.2	74
1	Antiphosphotyrosine immunoprecipitation of an insulin-stimulated receptor phosphatase activity from FRTL5 cells. *Endocrinology*, **1991**, 128, 2949-57	4.8	5