

Pietro Formisano

List of Publications by Year in descending order

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189
papers

7,247
citations

61984

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Adipose Tissue Dysfunction as Determinant of Obesity-Associated Metabolic Complications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2358.	4.1	844
2	Potential Mechanisms of Bisphenol A (BPA) Contributing to Human Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5761.	4.1	195
3	PED/PEA-15: an anti-apoptotic molecule that regulates FAS/TNFR1-induced apoptosis. <i>Oncogene</i> , 1999, 18, 4409-4415.	5.9	168
4	PED/PEA-15 gene controls glucose transport and is overexpressed in type 2 diabetes mellitus. <i>EMBO Journal</i> , 1998, 17, 3858-3866.	7.8	157
5	Evidence That IRS-2 Phosphorylation Is Required for Insulin Action in Hepatocytes. <i>Journal of Biological Chemistry</i> , 1998, 273, 17491-17497.	3.4	149
6	Low-Dose Bisphenol-A Impairs Adipogenesis and Generates Dysfunctional 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2016, 11, e0150762.	2.5	144
7	Protein Kinase B/Akt Binds and Phosphorylates PED/PEA-15, Stabilizing Its Antiapoptotic Action. <i>Molecular and Cellular Biology</i> , 2003, 23, 4511-4521.	2.3	128
8	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 α -mediated Mechanism. <i>Journal of Biological Chemistry</i> , 2003, 278, 47376-47387.	3.4	120
9	Alginate-hyaluronan composite hydrogels accelerate wound healing process. <i>Carbohydrate Polymers</i> , 2015, 131, 407-414.	10.2	114
10	Adipocyte-released insulin-like growth factor-1 is regulated by glucose and fatty acids and controls breast cancer cell growth in vitro. <i>Diabetologia</i> , 2012, 55, 2811-2822.	6.3	112
11	Adipose microenvironment promotes triple negative breast cancer cell invasiveness and dissemination by producing CCL5. <i>Oncotarget</i> , 2016, 7, 24495-24509.	1.8	105
12	Bisphenol-A Impairs Insulin Action and Up-Regulates Inflammatory Pathways in Human Subcutaneous Adipocytes and 3T3-L1 Cells. <i>PLoS ONE</i> , 2013, 8, e82099.	2.5	99
13	In Skeletal Muscle Advanced Glycation End Products (AGEs) Inhibit Insulin Action and Induce the Formation of Multimolecular Complexes Including the Receptor for AGEs. <i>Journal of Biological Chemistry</i> , 2008, 283, 36088-36099.	3.4	97
14	Bisphenol-A plasma levels are related to inflammatory markers, visceral obesity and insulin-resistance: a cross-sectional study on adult male population. <i>Journal of Translational Medicine</i> , 2015, 13, 169.	4.4	97
15	Age-Related Impairment in Insulin Release. <i>Diabetes</i> , 2012, 61, 692-701.	0.6	93
16	The Cannabinoid CB1 Receptor Antagonist Rimonabant Stimulates 2-Deoxyglucose Uptake in Skeletal Muscle Cells by Regulating the Expression of Phosphatidylinositol-3-kinase. <i>Molecular Pharmacology</i> , 2008, 74, 1678-1686.	2.3	85
17	Bisphenol A environmental exposure and the detrimental effects on human metabolic health: is it necessary to revise the risk assessment in vulnerable population?. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 259-263.	3.3	85
18	Activation and Mitochondrial Translocation of Protein Kinase C β Are Necessary for Insulin Stimulation of Pyruvate Dehydrogenase Complex Activity in Muscle and Liver Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 45088-45097.	3.4	83

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19	Frontiers: PED/PEA-15, a multifunctional protein controlling cell survival and glucose metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E592-E601.	3.5	83
20	Statin therapy modulates thickness and inflammatory profile of human epicardial adipose tissue. International Journal of Cardiology, 2019, 274, 326-330.	1.7	81
21	Insulin-Stimulated Phosphorylation of Recombinant pp120/HA4, an Endogenous Substrate of the Insulin Receptor Tyrosine Kinase. Biochemistry, 1995, 34, 9341-9349.	2.5	80
22	Methylglyoxal-Glyoxalase 1 Balance: The Root of Vascular Damage. International Journal of Molecular Sciences, 2017, 18, 188.	4.1	80
23	Bisphenol A in polycystic ovary syndrome and its association with liver-spleen axis. Clinical Endocrinology, 2013, 78, 447-453.	2.4	79
24	Omi/HtrA2 Promotes Cell Death by Binding and Degrading the Anti-apoptotic Protein ped/pea-15. Journal of Biological Chemistry, 2004, 279, 46566-46572.	3.4	76
25	Autoantibodies to glutamic acid decarboxylase (GAD) in focal and generalized epilepsy: A study on 233 patients. Journal of Neuroimmunology, 2009, 211, 120-123.	2.3	74
26	Growth-promoting action and growth factor release by different platelet derivatives. Platelets, 2014, 25, 252-256.	2.3	73
27	Insulin-Activated Protein Kinase C β Bypasses Ras and Stimulates Mitogen-Activated Protein Kinase Activity and Cell Proliferation in Muscle Cells. Molecular and Cellular Biology, 2000, 20, 6323-6333.	2.3	68
28	Receptor-mediated Internalization of Insulin. Journal of Biological Chemistry, 1995, 270, 24073-24077.	3.4	65
29	Protein Kinase C (PKC) δ Activation Inhibits PKC η and Mediates the Action of PED/PEA-15 on Glucose Transport in the L6 Skeletal Muscle Cells. Diabetes, 2001, 50, 1244-1252.	0.6	65
30	The Relevance of Insulin Action in the Dopaminergic System. Frontiers in Neuroscience, 2019, 13, 868.	2.8	62
31	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, 5005-5015.	2.3	60
32	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, 315-320.	2.1	59
33	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.	2.5	59
34	Methylglyoxal impairs endothelial insulin sensitivity both in vitro and in vivo. Diabetologia, 2014, 57, 1485-1494.	6.3	58
35	PPAR $\delta^{\Delta 5}$, a Naturally Occurring Dominant-Negative Splice Isoform, Impairs PPAR δ Function and Adipocyte Differentiation. Cell Reports, 2018, 25, 1577-1592.e6.	6.4	58
36	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, 209-218.	5.9	57

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37	Glucose Regulates Diacylglycerol Intracellular Levels and Protein Kinase C Activity by Modulating Diacylglycerol Kinase Subcellular Localization. <i>Journal of Biological Chemistry</i> , 2007, 282, 31835-31843.	3.4	57
38	Pathologic endoplasmic reticulum stress induced by glucotoxic insults inhibits adipocyte differentiation and induces an inflammatory phenotype. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1146-1156.	4.1	54
39	Glucosamine-induced endoplasmic reticulum stress affects GLUT4 expression via activating transcription factor 6 in rat and human skeletal muscle cells. <i>Diabetologia</i> , 2010, 53, 955-965.	6.3	53
40	Composite Alginate-Hyaluronan Sponges for the Delivery of Tranexamic Acid in Postextractive Alveolar Wounds. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 654-661.	3.3	51
41	Epicardial adipose tissue has an increased thickness and is a source of inflammatory mediators in patients with calcific aortic stenosis. <i>International Journal of Cardiology</i> , 2015, 186, 167-169.	1.7	50
42	Platelet-Rich Plasma Increases Growth and Motility of Adipose Tissue-Derived Mesenchymal Stem Cells and Controls Adipocyte Secretory Function. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2408-2418.	2.6	49
43	Multiple Members of the Mitogen-activated Protein Kinase Family Are Necessary for PED/PEA-15 Anti-apoptotic Function. <i>Journal of Biological Chemistry</i> , 2002, 277, 11013-11018.	3.4	47
44	In NIH-3T3 Fibroblasts, Insulin Receptor Interaction with Specific Protein Kinase C Isoforms Controls Receptor Intracellular Routing. <i>Journal of Biological Chemistry</i> , 1998, 273, 13197-13202.	3.4	44
45	Epigenetic modifications of the Zfp/ZNF423 gene control murine adipogenic commitment and are dysregulated in human hypertrophic obesity. <i>Diabetologia</i> , 2018, 61, 369-380.	6.3	43
46	Insulin Receptor Substrate-2 Phosphorylation Is Necessary for Protein Kinase C α Activation by Insulin in L6hIR Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 37109-37119.	3.4	42
47	The PEA15 gene is overexpressed and related to insulin resistance in healthy first-degree relatives of patients with type 2 diabetes. <i>Diabetologia</i> , 2006, 49, 3058-3066.	6.3	42
48	Low-dose Bisphenol-A regulates inflammatory cytokines through GPR30 in mammary adipose cells. <i>Journal of Molecular Endocrinology</i> , 2019, 63, 273-283.	2.5	42
49	Prep1 Deficiency Induces Protection from Diabetes and Increased Insulin Sensitivity through a p160-Mediated Mechanism. <i>Molecular and Cellular Biology</i> , 2008, 28, 5634-5645.	2.3	41
50	Cytokine signature and COVID-19 prediction models in the two waves of pandemics. <i>Scientific Reports</i> , 2021, 11, 20793.	3.3	41
51	Calcium-calmodulin-dependent kinase II (CaMKII) mediates insulin-stimulated proliferation and glucose uptake. <i>Cellular Signalling</i> , 2009, 21, 786-792.	3.6	40
52	Hoxa5 undergoes dynamic DNA methylation and transcriptional repression in the adipose tissue of mice exposed to high-fat diet. <i>International Journal of Obesity</i> , 2016, 40, 929-937.	3.4	40
53	Multifaceted Breast Cancer: The Molecular Connection With Obesity. <i>Journal of Cellular Physiology</i> , 2017, 232, 69-77.	4.1	40
54	Understanding type 2 diabetes: from genetics to epigenetics. <i>Acta Diabetologica</i> , 2015, 52, 821-827.	2.5	39

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55	Mammary Adipose Tissue Control of Breast Cancer Progression: Impact of Obesity and Diabetes. <i>Frontiers in Oncology</i> , 2020, 10, 1554.	2.8	39
56	The Oncolytic Virus dl922-947 Triggers Immunogenic Cell Death in Mesothelioma and Reduces Xenograft Growth. <i>Frontiers in Oncology</i> , 2019, 9, 564.	2.8	38
57	Personalized medicine and Type 2 diabetes: lesson from epigenetics. <i>Epigenomics</i> , 2014, 6, 229-238.	2.1	37
58	Abnormal glucose transport and GLUT1 cell-surface content in fibroblasts and skeletal muscle from NIDDM and obese subjects. <i>Diabetologia</i> , 1997, 40, 421-429.	6.3	36
59	Protein Kinase C- β Regulates Insulin Action and Degradation by Interacting with Insulin Receptor Substrate-1 and 14-3-3 μ . <i>Journal of Biological Chemistry</i> , 2005, 280, 40642-40649.	3.4	36
60	Inhibition of Autophagy Enhances the Effects of E1A-Defective Oncolytic Adenovirus dl922-947 Against Glioma Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>Human Gene Therapy</i> , 2012, 23, 623-634.	2.7	36
61	Oleic acid promotes prostate cancer malignant phenotype via the G protein-coupled receptor FFA1/GPR40. <i>Journal of Cellular Physiology</i> , 2018, 233, 7367-7378.	4.1	36
62	Diabetes and Cognitive Impairment: A Role for Glucotoxicity and Dopaminergic Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12366.	4.1	36
63	Thrombin-activated platelets induce proliferation of human skin fibroblasts by stimulating autocrine production of insulin-like growth factor-1. <i>FASEB Journal</i> , 2006, 20, 2402-2404.	0.5	35
64	Targeting of PED/PEA-15 Molecular Interaction with Phospholipase D1 Enhances Insulin Sensitivity in Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 21769-21778.	3.4	35
65	Differential Role of Insulin Receptor Substrate (IRS)-1 and IRS-2 in L6 Skeletal Muscle Cells Expressing the Arg1152 \rightarrow Gln Insulin Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 3094-3102.	3.4	34
66	Raised expression of the antiapoptotic protein ped/pea-15 increases susceptibility to chemically induced skin tumor development. <i>Oncogene</i> , 2005, 24, 7012-7021.	5.9	34
67	Comparison between fibroblast wound healing and cell random migration assays in vitro. <i>Experimental Cell Research</i> , 2016, 347, 123-132.	2.6	34
68	Specific CpG hyper-methylation leads to Ankrd26 gene down-regulation in white adipose tissue of a mouse model of diet-induced obesity. <i>Scientific Reports</i> , 2017, 7, 43526.	3.3	34
69	Inhibition of 3-hydroxy-3-methylglutaryl-coenzyme A reductase activity and of Ras farnesylation mediate antitumor effects of anandamide in human breast cancer cells. <i>Endocrine-Related Cancer</i> , 2010, 17, 495-503.	3.1	33
70	Ultrasmall silver nanoparticles loaded in alginate-hyaluronic acid hybrid hydrogels for treating infected wounds. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 626-634.	3.4	33
71	In L6 Skeletal Muscle Cells, Glucose Induces Cytosolic Translocation of Protein Kinase C- β and Trans-activates the Insulin Receptor Kinase. <i>Journal of Biological Chemistry</i> , 1999, 274, 28637-28644.	3.4	32
72	Serum 25-Hydroxyvitamin D Levels, phosphoprotein enriched in diabetes gene product (PED/PEA-15) and leptin-to-adiponectin ratio in women with PCOS. <i>Nutrition and Metabolism</i> , 2011, 8, 84.	3.0	32

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73	Endogenously activated mGlu5 metabotropic glutamate receptors sustain the increase in c-Myc expression induced by leukaemia inhibitory factor in cultured mouse embryonic stem cells. <i>Journal of Neurochemistry</i> , 2006, 99, 299-307.	3.9	31
74	PED/PEA-15 induces autophagy and mediates TGF-beta1 effect on muscle cell differentiation. <i>Cell Death and Differentiation</i> , 2012, 19, 1127-1138.	11.2	31
75	Glucose impairs tamoxifen responsiveness modulating connective tissue growth factor in breast cancer cells. <i>Oncotarget</i> , 2017, 8, 109000-109017.	1.8	31
76	Circulating miRNAs as intercellular messengers, potential biomarkers and therapeutic targets for Type 2 diabetes. <i>Epigenomics</i> , 2015, 7, 653-667.	2.1	30
77	Periprostatic adipose tissue promotes prostate cancer resistance to docetaxel by paracrine IGF-1 upregulation of TUBB2B beta-tubulin isoform. <i>Prostate</i> , 2021, 81, 407-417.	2.3	30
78	Human Peripheral Blood Mononuclear Cell Function and Dendritic Cell Differentiation Are Affected by Bisphenol-A Exposure. <i>PLoS ONE</i> , 2016, 11, e0161122.	2.5	30
79	Protein Kinase C- α and Protein Kinase B Regulate Distinct Steps of Insulin Endocytosis and Intracellular Sorting. <i>Journal of Biological Chemistry</i> , 2004, 279, 11137-11145.	3.4	29
80	Cu,Zn superoxide dismutase increases intracellular calcium levels via a phospholipase C-protein kinase C pathway in SK-N-BE neuroblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 887-892.	2.1	29
81	PED/PEA-15 Regulates Glucose-Induced Insulin Secretion by Restraining Potassium Channel Expression in Pancreatic β -Cells. <i>Diabetes</i> , 2007, 56, 622-633.	0.6	29
82	White cell and platelet content affects the release of bioactive factors in different blood-derived scaffolds. <i>Platelets</i> , 2018, 29, 463-467.	2.3	29
83	IGF-1 predicts survival in chronic heart failure. Insights from the T.O.S.C.A. (Trattamento Ormonale) Tj ETQq1 1 0.784314 rgBT /Overlook 1.7 28		
84	Protein kinase C δ activation by RET: evidence for a negative feedback mechanism controlling RET tyrosine kinase. <i>Oncogene</i> , 2003, 22, 2942-2949.	5.9	27
85	Prep1 Controls Insulin Glucoregulatory Function in Liver by Transcriptional Targeting of SHP1 Tyrosine Phosphatase. <i>Diabetes</i> , 2011, 60, 138-147.	0.6	27
86	Glucose-induced expression of the homeotic transcription factor Prep1 is associated with histone post-translational modifications in skeletal muscle. <i>Diabetologia</i> , 2016, 59, 176-186.	6.3	27
87	The Dual-Role of Methylglyoxal in Tumor Progression – Novel Therapeutic Approaches. <i>Frontiers in Oncology</i> , 2021, 11, 645686.	2.8	27
88	Adipocyte-derived extracellular vesicles promote breast cancer cell malignancy through HIF-1 α activity. <i>Cancer Letters</i> , 2021, 521, 155-168.	7.2	27
89	Vitamin D deficiency is a risk factor for infections in patients affected by HCV-related liver cirrhosis. <i>International Journal of Infectious Diseases</i> , 2017, 63, 23-29.	3.3	26
90	In Skeletal Muscle, Glucose Storage and Oxidation Are Differentially Impaired by the IR1152 Mutant Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 7290-7297.	3.4	25

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91	Molecular Cloning and Characterization of the Human PED/PEA-15 Gene Promoter Reveal Antagonistic Regulation by Hepatocyte Nuclear Factor 4 β and Chicken Ovalbumin Upstream Promoter Transcription Factor II. <i>Journal of Biological Chemistry</i> , 2008, 283, 30970-30979.	3.4	25
92	Substrate-zymography: a still worthwhile method for gelatinases analysis in biological samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 54, 1281-90.	2.3	25
93	The Destiny of Glucose from a MicroRNA Perspective. <i>Frontiers in Endocrinology</i> , 2018, 9, 46.	3.5	25
94	PED/PEA-15 controls fibroblast motility and wound closure by ERK1/2-dependent mechanisms. <i>Journal of Cellular Physiology</i> , 2012, 227, 2106-2116.	4.1	24
95	Insulin resistance in glycogen storage disease type Ia: linking carbohydrates and mitochondria?. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 985-995.	3.6	24
96	Methylglyoxal accumulation de-regulates HoxA5 expression, thereby impairing angiogenesis in glyoxalase 1 knock-down mouse aortic endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 73-85.	3.8	24
97	Phorbol Esters Induce Intracellular Accumulation of the Anti-apoptotic Protein PED/PEA-15 by Preventing Ubiquitinylation and Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2007, 282, 8648-8657.	3.4	23
98	PED/PEA-15 interacts with the 67 kD laminin receptor and regulates cell adhesion, migration, proliferation and apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1435-1446.	3.6	23
99	PREP1 deficiency downregulates hepatic lipogenesis and attenuates steatohepatitis in mice. <i>Diabetologia</i> , 2013, 56, 2713-2722.	6.3	23
100	Parkinson-like phenotype in insulin-resistant PED/PEA-15 transgenic mice. <i>Scientific Reports</i> , 2016, 6, 29967.	3.3	23
101	Imbalance Between Interleukin-1 β and Interleukin-1 Receptor Antagonist in Epicardial Adipose Tissue Is Associated With Non ST-Segment Elevation Acute Coronary Syndrome. <i>Frontiers in Physiology</i> , 2020, 11, 42.	2.8	22
102	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. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 91.	2.7	21
103	Pro-inflammatory adipokine profile in psoriatic arthritis: results from a cross-sectional study comparing PsA subset with evident cutaneous involvement and subset "œsine psoriasis". <i>Clinical Rheumatology</i> , 2019, 38, 2547-2552.	2.2	21
104	The role of protein kinase C isoforms in insulin action. <i>Journal of Endocrinological Investigation</i> , 2001, 24, 460-467.	3.3	20
105	Effect of Cu,Zn superoxide dismutase on cholesterol metabolism in human hepatocarcinoma (HepG2) cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 603-609.	2.1	20
106	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. <i>Journal of Biological Chemistry</i> , 2010, 285, 6563-6572.	3.4	20
107	A Functional Allelic Variant of the <i>FGF23</i> Gene Is Associated with Renal Phosphate Leak in Calcium Nephrolithiasis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E840-E844.	3.6	20
108	Low-dose Bisphenol-A Promotes Epigenetic Changes at Ppar β Promoter in Adipose Precursor Cells. <i>Nutrients</i> , 2020, 12, 3498.	4.1	20

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109	Clozapine impairs insulin action by upregulating AKT phosphorylation and Ped/Pea-15 protein abundance. <i>Journal of Cellular Physiology</i> , 2012, 227, 1485-1492.	4.1	19
110	ZMAT3 hypomethylation contributes to early senescence of preadipocytes from healthy first-degree relatives of type 2 diabetics. <i>Aging Cell</i> , 2022, 21, e13557.	6.7	19
111	Inflammation and Cardiovascular Diseases in the Elderly: The Role of Epicardial Adipose Tissue. <i>Frontiers in Medicine</i> , 2022, 9, 844266.	2.6	19
112	Epicardial Adipose Tissue and Cardiac Arrhythmias: Focus on Atrial Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	19
113	Efficacy of animal-assisted therapy adapted to reality orientation therapy: measurement of salivary cortisol. <i>Psychogeriatrics</i> , 2019, 19, 510-512.	1.2	18
114	Functional brain network topology across the menstrual cycle is estradiol dependent and correlates with individual well-being. <i>Journal of Neuroscience Research</i> , 2021, 99, 2271-2286.	2.9	18
115	PED/PEA-15 Modulates Coxsackievirus Adenovirus Receptor Expression and Adenoviral Infectivity via ERK-Mediated Signals in Glioma Cells. <i>Human Gene Therapy</i> , 2010, 21, 1067-1076.	2.7	17
116	Peroxisome Proliferator-activated Receptor- β Activation Enhances Insulin-stimulated Glucose Disposal by Reducing ped/pea-15 Gene Expression in Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 42951-42961.	3.4	17
117	A targeted secretome profiling by multiplexed immunoassay revealed that secreted chemokine ligand 2 (MCP-1/CCL2) affects neural differentiation in mesencephalic neural progenitor cells. <i>Proteomics</i> , 2015, 15, 714-724.	2.2	17
118	Oxidative Stress Mediates the Antiproliferative Effects of Nelfinavir in Breast Cancer Cells. <i>PLoS ONE</i> , 2016, 11, e0155970.	2.5	17
119	Tyrosine Phosphorylation of Phosphoinositide-Dependent Kinase 1 by the Insulin Receptor Is Necessary for Insulin Metabolic Signaling. <i>Molecular and Cellular Biology</i> , 2005, 25, 10803-10814.	2.3	16
120	Glutamic acid decarboxylase antibodies in idiopathic generalized epilepsy and type 1 diabetes. <i>Annals of Neurology</i> , 2008, 63, 127-128.	5.3	16
121	Cellular subtype expression and activation of CaMKII regulate the fate of atherosclerotic plaque. <i>Atherosclerosis</i> , 2017, 256, 53-61.	0.8	16
122	Severe Vitamin D Deficiency Increases Mortality Among Patients With Liver Cirrhosis Regardless of the Presence of HCC. <i>In Vivo</i> , 2019, 33, 177-182.	1.3	16
123	Platelet-rich plasma counteracts detrimental effect of high glucose concentrations on mesenchymal stem cells from Bichat fat pad. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 701-713.	2.7	16
124	Decreased Phosphorylation of Mutant Insulin Receptor by Protein Kinase C and Protein Kinase A. <i>Journal of Biological Chemistry</i> , 1995, 270, 15844-15852.	3.4	15
125	Epigenetic silencing of the ANKRD26 gene correlates to the pro-inflammatory profile and increased cardio-metabolic risk factors in human obesity. <i>Clinical Epigenetics</i> , 2019, 11, 181.	4.1	15
126	Epicardial Adipose Tissue and IL-13 Response to Myocardial Injury Drives Left Ventricular Remodeling After ST Elevation Myocardial Infarction. <i>Frontiers in Physiology</i> , 2020, 11, 575181.	2.8	15

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127	The Thyroid Hormone Inactivator Enzyme, Type 3 Deiodinase, Is Essential for Coordination of Keratinocyte Growth and Differentiation. <i>Thyroid</i> , 2020, 30, 1066-1078.	4.5	15
128	Glucose Regulates Insulin Mitogenic Effect by Modulating SHP-2 Activation and Localization in JAr Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 24306-24314.	3.4	14
129	Overproduction of phosphoprotein enriched in diabetes (PED) induces mesangial expansion and upregulates protein kinase C- β activity and TGF- β 1 expression. <i>Diabetologia</i> , 2009, 52, 2642-2652.	6.3	14
130	Prep1 Deficiency Affects Olfactory Perception and Feeding Behavior by Impairing BDNF-TrkB Mediated Neurotrophic Signaling. <i>Molecular Neurobiology</i> , 2018, 55, 6801-6815.	4.0	14
131	Citrus aurantium L. dry extracts promote C/ebp β expression and improve adipocyte differentiation in 3T3-L1 cells. <i>PLoS ONE</i> , 2018, 13, e0193704.	2.5	14
132	A peptide antagonist of Prep1-p160 interaction improves ceramide-induced insulin resistance in skeletal muscle cells. <i>Oncotarget</i> , 2017, 8, 71845-71858.	1.8	14
133	Ultrapure dialysis water obtained with additional ultrafilter may reduce inflammation in patients on hemodialysis. <i>Journal of Nephrology</i> , 2017, 30, 795-801.	2.0	13
134	Iodine deficiency among Italian children and adolescents assessed through 24-hour urinary iodine excretion. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1080-1087.	4.7	13
135	Altered <i>PTPRD</i> DNA methylation associates with restricted adipogenesis in healthy first-degree relatives of Type 2 diabetes subjects. <i>Epigenomics</i> , 2020, 12, 873-888.	2.1	13
136	Peri-Prostatic Adipocyte-Released TGF β 2 Enhances Prostate Cancer Cell Motility by Upregulation of Connective Tissue Growth Factor. <i>Biomedicines</i> , 2021, 9, 1692.	3.2	13
137	Residues 762-801 of PLD1 mediate the interaction with PED/PEA15. <i>Molecular BioSystems</i> , 2010, 6, 2039.	2.9	12
138	Adenoviral Gene Transfer of PLD1-D4 Enhances Insulin Sensitivity in Mice by Disrupting Phospholipase D1 Interaction with PED/PEA-15. <i>PLoS ONE</i> , 2013, 8, e60555.	2.5	12
139	PED/PEA-15 Inhibits Hydrogen Peroxide-Induced Apoptosis in Ins-1E Pancreatic Beta-Cells via PLD-1. <i>PLoS ONE</i> , 2014, 9, e113655.	2.5	12
140	Role of the HIF 1α /Nur77 axis in the regulation of the tyrosine hydroxylase expression by insulin in PC12 cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 11861-11870.	4.1	12
141	Prep1, A Homeodomain Transcription Factor Involved in Glucose and Lipid Metabolism. <i>Frontiers in Endocrinology</i> , 2018, 9, 346.	3.5	11
142	V2-Specific Antibodies in HIV-1 Vaccine Research and Natural Infection: Controllers or Surrogate Markers. <i>Animals</i> , 2019, 9, 526.	2.3	11
143	Prep1 regulates angiogenesis through a PGC-1 β -mediated mechanism. <i>FASEB Journal</i> , 2019, 33, 13893-13904.	0.5	11
144	Weight and body mass index increase in children and adolescents exposed to antipsychotic drugs in non-interventional settings: a meta-analysis and meta-regression. <i>European Child and Adolescent Psychiatry</i> , 2022, 31, 21-37.	4.7	11

#	ARTICLE	IF	CITATIONS
145	Cellular and subcellular localization of uncoupling protein 2 in the human kidney. <i>Journal of Molecular Histology</i> , 2018, 49, 437-445.	2.2	10
146	Zoonotic Risk of <i>Encephalitozoon cuniculi</i> in Animal-Assisted Interventions: Laboratory Strategies for the Diagnosis of Infections in Humans and Animals. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9333.	2.6	10
147	Different Immune Signature in Youths Experiencing Antipsychotic-Induced Weight Gain Compared to Untreated Obese Patients. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2017, 27, 844-848.	1.3	9
148	Differences in Metabolic Factors Between Antipsychotic-Induced Weight Gain and Non-pharmacological Obesity in Youths. <i>Clinical Drug Investigation</i> , 2018, 38, 457-462.	2.2	9
149	Falsely elevated thyroglobulin and calcitonin due to rheumatoid factor in non-relapsing thyroid carcinoma. <i>Medicine (United States)</i> , 2019, 98, e14178.	1.0	9
150	Adipocyte precursor cells from first degree relatives of type 2 diabetic patients feature changes in <i>hsa-miR-23a-5p</i> , <i>miR-193a-5p</i> , and <i>miR-193b-5p</i> and insulin-like growth factor 2 expression. <i>FASEB Journal</i> , 2021, 35, e21357.	3.6	9
151	In severe obesity, subcutaneous adipose tissue cell-derived cytokines are early markers of impaired glucose tolerance and are modulated by quercetin. <i>International Journal of Obesity</i> , 2021, 45, 1811-1820.	3.4	9
152	Epicardial Adipose Tissue-Derived IL-1 β Triggers Postoperative Atrial Fibrillation. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	9
153	Lifestyle and Dietary Habits Affect Plasma Levels of Specific Cytokines in Healthy Subjects. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	9
154	Computational Analysis of Single Nucleotide Polymorphisms Associated with Altered Drug Responsiveness in Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1008.	4.1	8
155	Targetting PED/PEA-15 for diabetes treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 571-581.	3.4	8
156	Prep1 deficiency improves metabolic response in white adipose tissue. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 515-525.	2.4	8
157	Relationship between salt consumption and iodine intake in a pediatric population. <i>European Journal of Nutrition</i> , 2021, 60, 2193-2202.	3.9	7
158	Lanthionine, a Novel Uremic Toxin, in the Vascular Calcification of Chronic Kidney Disease: The Role of Proinflammatory Cytokines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6875.	4.1	7
159	Iodine Intake from Food and Iodized Salt as Related to Dietary Salt Consumption in the Italian Adult General Population. <i>Nutrients</i> , 2021, 13, 3486.	4.1	7
160	Insulin-Activated Protein Kinase C β Bypasses Ras and Stimulates Mitogen-Activated Protein Kinase Activity and Cell Proliferation in Muscle Cells. <i>Molecular and Cellular Biology</i> , 2000, 20, 6323-6333.	2.3	7
161	Epigenetic Dysregulation of the Homeobox A5 (HOXA5) Gene Associates with Subcutaneous Adipocyte Hypertrophy in Human Obesity. <i>Cells</i> , 2022, 11, 728.	4.1	7
162	Comparison of the intracellular trafficking of two alternatively spliced isoforms of pp120, a substrate of the insulin receptor tyrosine kinase. , 2000, 76, 133-142.		6

#	ARTICLE	IF	CITATIONS
163	Overexpression of the phosphoprotein enriched in diabetes gene product (Ped/pea-15) in women with polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2007, 67, 070621212019001-???	2.4	6
164	Human heart shifts from IGF-1 production to utilization with chronic heart failure. <i>Endocrine</i> , 2019, 65, 714-716.	2.3	6
165	The serum-ascites vitamin D gradient (SADG): A novel index in spontaneous bacterial peritonitis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2019, 43, e57-e60.	1.5	6
166	Antiphosphotyrosine Immunoprecipitation of an Insulin-Stimulated Receptor Phosphatase Activity from FRTL5 Cells*. <i>Endocrinology</i> , 1991, 128, 2949-2957.	2.8	5
167	AP20187-Mediated Activation of A Chimeric Insulin Receptor Results in Insulin-Like Actions in Skeletal Muscle And Liver of Diabetic Mice. <i>Human Gene Therapy</i> , 2007, 18, 106-117.	2.7	5
168	A New Horizon of Liquid Biopsy in Thymic Epithelial Tumors: The Potential Utility of Circulating Cell-Free DNA. <i>Frontiers in Oncology</i> , 2020, 10, 602153.	2.8	5
169	Reproductive function of long-term treated patients with hepatic onset of Wilson's disease: a prospective study. <i>Reproductive BioMedicine Online</i> , 2021, 42, 835-841.	2.4	5
170	Iodine Intake Estimated by 24 h Urine Collection in the Italian Adult Population: 2008â€“2012 Survey. <i>Nutrients</i> , 2021, 13, 1529.	4.1	5
171	Leptin and TGF-Î²1 Downregulate PREP1 Expression in Human Adipose-Derived Mesenchymal Stem Cells and Mature Adipocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 700481.	3.7	5
172	Epicardial Adipose Tissue and Postoperative Atrial Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 810334.	2.4	5
173	Does Gut-breast Microbiota Axis Orchestrates Cancer Progression?. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2022, 22, 1111-1122.	1.2	5
174	Glyoxalase 1 knockdown induces ageâ€“related Î²â€“cell dysfunction and glucose intolerance in mice. <i>EMBO Reports</i> , 2022, 23, .	4.5	5
175	Pharmacological Regulation of the Insulin Receptor Signaling Pathway Mimics Insulin Action in Cells Transduced with Viral Vectors. <i>Human Gene Therapy</i> , 2004, 15, 1101-1108.	2.7	4
176	Diagnosis of Flierâ€™s syndrome in a patient with nondiabetic hypoglycemia: a case report and critical appraisal of the literature. <i>Endocrine</i> , 2020, 69, 73-78.	2.3	4
177	Citrus aurantium L. Dry Extracts Ameliorate Adipocyte Differentiation of 3T3-L1 Cells Exposed to TNFÎ± by Down-Regulating miR-155 Expression. <i>Nutrients</i> , 2020, 12, 1587.	4.1	4
178	Serotonergic receptor ligands improve Tamoxifen effectiveness on breast cancer cells. <i>BMC Cancer</i> , 2022, 22, 171.	2.6	4
179	Interleukin 6 reduces vascular smooth muscle cell apoptosis via Prep1 and is associated with aging. <i>FASEB Journal</i> , 2021, 35, e21989.	0.5	3
180	Atypical protein kinase C dysfunction and the metabolic syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 39-41.	7.1	2

#	ARTICLE	IF	CITATIONS
181	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.	2.5	2
182	Gene-Environment Interaction and Cancer. , 2020, , 95-115.		1
183	Immunological signature of patients with thymic epithelial tumors.. Journal of Clinical Oncology, 2022, 40, 8589-8589.	1.6	1
184	Expression of Concern. Prep1 Controls Insulin Glucoregulatory Function in Liver by Transcriptional Targeting of SHP1 Tyrosine Phosphatase. Diabetes 2011;60:138â€“147. DOI: 10.2337/db10-0860. PMID: 208645156 Diabetes, 2018, 67, 346-347.	1.6	0
185	Expression of Concern. The IR ₁₁₅₂ Mutant Insulin Receptor Selectively Impairs Insulin Action in Skeletal Muscle but Not in Liver. Diabetes 2000;49:1194â€“1202. DOI: 10.2337/diabetes.49.7.1194. PMID: 10909978. Diabetes, 2018, 67, 345.1-345.	0.6	0
186	Expression of Concern. Protein Kinase C (PKC)-Î± Activation Inhibits PKC-Î¶ and Mediates the Action of PED/PEA-15 on Glucose Transport in the L6 Skeletal Muscle Cells. Diabetes 2001;50:1244â€“1252. DOI: 10.2337/diabetes.50.6.1244. PMID: 11375323. Diabetes, 2018, 67, 345.2-346.	0.6	0
187	Pneumonitis in patients with thymoma and Good's syndrome.. Journal of Clinical Oncology, 2021, 39, e20595-e20595.	1.6	0
188	Clinical application of circulating cell-free DNA for monitoring the biological course of thymic epithelial tumors.. Journal of Clinical Oncology, 2019, 37, 8566-8566.	1.6	0
189	Impaired seroconversion after SARS-COV-2 mRNA vaccine in patients with thymic epithelial tumors.. Journal of Clinical Oncology, 2022, 40, 8588-8588.	1.6	0