

# Lucia Frittitta

## List of Publications by Citations

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100  
papers

3,495  
citations

32  
h-index

56  
g-index

105  
ext. papers

3,871  
ext. citations

5.8  
avg. IF

4.74  
L-index

#	Paper	IF	Citations
100	Elevated insulin receptor content in human breast cancer. <i>Journal of Clinical Investigation</i> , <b>1990</b> , 86, 1503-10	13.0	246
99	A polymorphism (K121Q) of the human glycoprotein PC-1 gene coding region is strongly associated with insulin resistance. <i>Diabetes</i> , <b>1999</b> , 48, 1881-4	0.9	208
98	Adiponectin relationship with lipid metabolism is independent of body fat mass: evidence from both cross-sectional and intervention studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 2665-71	5.6	191
97	A variation in 3QTR of hPTP1B increases specific gene expression and associates with insulin resistance. <i>American Journal of Human Genetics</i> , <b>2002</b> , 70, 806-12	11	165
96	Insulin, insulin receptors, and cancer. <i>Journal of Endocrinological Investigation</i> , <b>2016</b> , 39, 1365-1376	5.2	124
95	The Q allele variant (GLN121) of membrane glycoprotein PC-1 interacts with the insulin receptor and inhibits insulin signaling more effectively than the common K allele variant (LYS121). <i>Diabetes</i> , <b>2001</b> , 50, 831-6	0.9	121
94	The role of membrane glycoprotein plasma cell antigen 1/ectonucleotide pyrophosphatase phosphodiesterase 1 in the pathogenesis of insulin resistance and related abnormalities. <i>Endocrine Reviews</i> , <b>2008</b> , 29, 62-75	27.2	98
93	A functional variant of the adipocyte glycerol channel aquaporin 7 gene is associated with obesity and related metabolic abnormalities. <i>Diabetes</i> , <b>2007</b> , 56, 1468-74	0.9	95
92	Association between the human glycoprotein PC-1 gene and elevated glucose and insulin levels in a paired-sibling analysis. <i>Diabetes</i> , <b>2000</b> , 49, 1601-3	0.9	92
91	Type 2 Diabetes Mellitus and Alzheimer's Disease: Role of Insulin Signalling and Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	89
90	Increased adipose tissue PC-1 protein content, but not tumour necrosis factor-alpha gene expression, is associated with a reduction of both whole body insulin sensitivity and insulin receptor tyrosine-kinase activity. <i>Diabetologia</i> , <b>1997</b> , 40, 282-9	10.3	85
89	The K121Q variant of the human PC-1 gene is not associated with insulin resistance or type 2 diabetes among Danish Caucasians. <i>Diabetes</i> , <b>2000</b> , 49, 1608-11	0.9	80
88	An ATG repeat in the 3Quntranslated region of the human resistin gene is associated with a decreased risk of insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 4403-6	5.6	73
87	Clinical and molecular mechanisms favoring cancer initiation and progression in diabetic patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2013</b> , 23, 808-15	4.5	67
86	A cluster of three single nucleotide polymorphisms in the 3Quntranslated region of human glycoprotein PC-1 gene stabilizes PC-1 mRNA and is associated with increased PC-1 protein content and insulin resistance-related abnormalities. <i>Diabetes</i> , <b>2001</b> , 50, 1952-5	0.9	67
85	Insulin receptors in breast cancer. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 784, 173-88	6.5	65
84	Elevated PC-1 content in cultured skin fibroblasts correlates with decreased in vivo and in vitro insulin action in nondiabetic subjects: evidence that PC-1 may be an intrinsic factor in impaired insulin receptor signaling. <i>Diabetes</i> , <b>1998</b> , 47, 1095-100	0.9	63

83	PC-1 content in skeletal muscle of non-obese, non-diabetic subjects: relationship to insulin receptor tyrosine kinase and whole body insulin sensitivity. <i>Diabetologia</i> , <b>1996</b> , 39, 1190-5	10.3	62
82	Hyperinsulinemia and insulin resistance are independently associated with plasma lipids, uric acid and blood pressure in non-diabetic subjects. The GISIR database. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2008</b> , 18, 624-31	4.5	59
81	Association between resistin levels and all-cause and cardiovascular mortality: a new study and a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120419	3.7	56
80	Intragastric balloon in association with lifestyle and/or pharmacotherapy in the long-term management of obesity. <i>Obesity Surgery</i> , <b>2012</b> , 22, 565-71	3.7	56
79	Insulin receptor overexpression in 184B5 human mammary epithelial cells induces a ligand-dependent transformed phenotype. <i>Journal of Cellular Biochemistry</i> , <b>1995</b> , 57, 666-9	4.7	56
78	Loss-of-function mutation of the GPR40 gene associates with abnormal stimulated insulin secretion by acting on intracellular calcium mobilization. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 3541-50	5.6	52
77	The Q121 PC-1 variant and obesity have additive and independent effects in causing insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 5888-91	5.6	50
76	Adipose Tissue, Obesity and Adiponectin: Role in Endocrine Cancer Risk. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	48
75	Efficacy of real-time continuous glucose monitoring on glycaemic control and glucose variability in type 1 diabetic patients treated with either insulin pumps or multiple insulin injection therapy: a randomized controlled crossover trial. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2015</b> , 31, 61-8	7.5	45
74	Very severely obese patients have a high prevalence of type 2 diabetes mellitus and cardiovascular disease. <i>Acta Diabetologica</i> , <b>2013</b> , 50, 443-9	3.9	40
73	Evidence for genetic epistasis in human insulin resistance: the combined effect of PC-1 (K121Q) and PPARgamma2 (P12A) polymorphisms. <i>Journal of Molecular Medicine</i> , <b>2003</b> , 81, 718-23	5.5	40
72	The Q121/Q121 genotype of ENPP1/PC-1 is associated with lower BMI in non-diabetic whites. <i>Obesity</i> , <b>2007</b> , 15, 1-4	8	34
71	The insulin receptor content is increased in breast cancers initiated by three different oncogenes in transgenic mice. <i>Breast Cancer Research and Treatment</i> , <b>1997</b> , 45, 141-7	4.4	33
70	Functional insulin receptors are overexpressed in thyroid tumors: is this an early event in thyroid tumorigenesis?. <i>Cancer</i> , <b>1999</b> , 85, 492-8	6.4	33
69	A PC-1 amino acid variant (K121Q) is associated with faster progression of renal disease in patients with type 1 diabetes and albuminuria. <i>Diabetes</i> , <b>2000</b> , 49, 521-4	0.9	32
68	ENPP1 affects insulin action and secretion: evidences from in vitro studies. <i>PLoS ONE</i> , <b>2011</b> , 6, e19462	3.7	32
67	Role of the ENPP1 K121Q polymorphism in glucose homeostasis. <i>Diabetes</i> , <b>2008</b> , 57, 3360-4	0.9	31
66	Membrane glycoprotein PC-1 and insulin resistance. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 182, 177-184	1.8	28

65	Insulin receptor tyrosine-kinase activity is altered in both muscle and adipose tissue from non-obese normoglycaemic insulin-resistant subjects. <i>Diabetologia</i> , <b>1995</b> , 38, 55-61	10.3	28
64	Influence of early-life and parental factors on childhood overweight and obesity. <i>Journal of Endocrinological Investigation</i> , <b>2016</b> , 39, 1315-1321	5.2	26
63	Polymorphisms of the insulin receptor substrate-2 in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 317-22	5.6	26
62	Role of PC-1 in the etiology of insulin resistance. <i>Annals of the New York Academy of Sciences</i> , <b>1999</b> , 892, 204-22	6.5	26
61	High prevalence of overweight and obesity in 11-15-year-old children from Sicily. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2006</b> , 16, 249-55	4.5	24
60	Evaluation of albumin excretion rate in overnight versus 24-h urine. <i>Diabetes Care</i> , <b>1989</b> , 12, 585-7	14.6	24
59	Peptide-based radioimmunoassay for the two isoforms of the human insulin receptor. <i>Diabetologia</i> , <b>1995</b> , 38, 445-53	10.3	23
58	Structural and functional studies of insulin receptors in human breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>1993</b> , 25, 73-82	4.4	23
57	ENPP1 Q121 variant, increased pulse pressure and reduced insulin signaling, and nitric oxide synthase activity in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 1678-83	9.4	22
56	Insulin receptor tyrosine kinase activity is reduced in monocytes from non-obese normoglycaemic insulin-resistant subjects. <i>Diabetologia</i> , <b>1993</b> , 36, 1163-7	10.3	22
55	A Soluble PC-1 Circulates in Human Plasma: Relationship with Insulin Resistance and Associated Abnormalities. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 3620-3625	5.6	22
54	Secular trends in the prevalence of overweight and obesity in Sicilian schoolchildren aged 11-13 years during the last decade. <i>PLoS ONE</i> , <b>2012</b> , 7, e34551	3.7	20
53	Long-acting insulin analogs and cancer. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2018</b> , 28, 436-443	4.5	19
52	Adiponectin increases glucose-induced insulin secretion through the activation of lipid oxidation. <i>Acta Diabetologica</i> , <b>2013</b> , 50, 851-7	3.9	19
51	Rationale and design of the DARWIN-T2D (DApagliflozin Real World evIdence in Type 2 Diabetes): A multicenter retrospective nationwide Italian study and crowdsourcing opportunity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2017</b> , 27, 1089-1097	4.5	19
50	The intravenous insulin tolerance test is an accurate method for screening a general population for insulin resistance and related abnormalities. <i>Journal of Endocrinological Investigation</i> , <b>1999</b> , 22, 472-5	5.2	19
49	Effects of polyphenols on cardio-metabolic risk factors and risk of type 2 diabetes. A joint position statement of the Diabetes and Nutrition Study Group of the Italian Society of Diabetology (SID), the Italian Association of Dietetics and Clinical Nutrition (ADI) and the Italian Association of Medical Diabetologists (AMD). <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2020</b> , 30, 355-367	4.5	19
48	Association of autoimmune thyroid diseases, chronic atrophic gastritis and gastric carcinoid: experience from a single institution. <i>Journal of Endocrinological Investigation</i> , <b>2016</b> , 39, 779-84	5.2	18

47	Joint effect of insulin signaling genes on cardiovascular events and on whole body and endothelial insulin resistance. <i>Atherosclerosis</i> , <b>2013</b> , 226, 140-5	3.1	17
46	The SH2B1 obesity locus is associated with myocardial infarction in diabetic patients and with NO synthase activity in endothelial cells. <i>Atherosclerosis</i> , <b>2011</b> , 219, 667-72	3.1	16
45	The growing role of bariatric surgery in the management of type 2 diabetes: evidences and open questions. <i>Obesity Surgery</i> , <b>2011</b> , 21, 1451-7	3.7	16
44	Type 2 diabetic patients with Graves disease have more frequent and severe Graves Orbitopathy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2015</b> , 25, 452-7	4.5	15
43	Influence of the Mediterranean and Ketogenic Diets on Cognitive Status and Decline: A Narrative Review. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	15
42	TRIB3 R84 variant affects glucose homeostasis by altering the interplay between insulin sensitivity and secretion. <i>Diabetologia</i> , <b>2010</b> , 53, 1354-61	10.3	14
41	Joint effect of insulin signaling genes on insulin secretion and glucose homeostasis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E1143-7	5.6	13
40	The allelic variant of LAR gene promoter -127 bp T-->A is associated with reduced risk of obesity and other features related to insulin resistance. <i>Journal of Molecular Medicine</i> , <b>2004</b> , 82, 459-66	5.5	13
39	The role of PC-1 and ACE genes in diabetic nephropathy in type 1 diabetic patients: evidence for a polygenic control of kidney disease progression. <i>Nephrology Dialysis Transplantation</i> , <b>2002</b> , 17, 1402-7	4.3	13
38	High insulin levels do not influence PC-1 gene expression and protein content in human muscle tissue and hepatoma cells. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2000</b> , 16, 26-32	7.5	13
37	Similar effectiveness of dapagliflozin and GLP-1 receptor agonists concerning combined endpoints in routine clinical practice: A multicentre retrospective study. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1886-1894	6.7	12
36	Early molecular defects in human insulin resistance: studies in healthy subjects with low insulin sensitivity. <i>Diabetes/metabolism Reviews</i> , <b>1997</b> , 13, 147-62		12
35	Integrated insulin pump therapy with continuous glucose monitoring for improved adherence: technology update. <i>Patient Preference and Adherence</i> , <b>2015</b> , 9, 1263-70	2.4	11
34	Basal insulin and cardiovascular and other outcomes. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 1761-2; author reply 1763-4	59.2	11
33	Rats that are made insulin resistant by glucosamine treatment have impaired skeletal muscle insulin receptor phosphorylation. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 1092-5	12.7	10
32	Insulin degludec in the first trimester of pregnancy: Report of two cases. <i>Journal of Diabetes Investigation</i> , <b>2017</b> , 9, 629	3.9	9
31	Insulin/insulin-like growth factor I hybrid receptors overexpression is not an early defect in insulin-resistant subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 4219-23	5.6	8
30	Efficacy of Botulinum Toxin A for Treating Cramps in Diabetic Neuropathy. <i>Annals of Neurology</i> , <b>2018</b> , 84, 674-682	9.4	8

29	Comparative Effectiveness of DPP-4 Inhibitors Versus Sulfonylurea for the Treatment of Type 2 Diabetes in Routine Clinical Practice: A Retrospective Multicenter Real-World Study. <i>Diabetes Therapy</i> , <b>2018</b> , 9, 1477-1490	3.6	8
28	Identification and initial characterization of insulin receptor-like immunoreactivity in human plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1992</b> , 74, 1116-1121	5.6	7
27	Insulin receptor signaling and glucagon-like peptide 1 effects on pancreatic beta cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181190	3.7	6
26	Short-term efficacy of high intensity group and individual education in patients with type 2 diabetes: a randomized single-center trial. <i>Journal of Endocrinological Investigation</i> , <b>2019</b> , 42, 403-409	5.2	5
25	The SH2B1 obesity locus and abnormal glucose homeostasis: lack of evidence for association from a meta-analysis in individuals of European ancestry. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2013</b> , 23, 1043-9	4.5	5
24	Role of cytosolic and calcium independent phospholipases A(2) in insulin secretion impairment of INS-1E cells infected by <i>S. aureus</i> . <i>FEBS Letters</i> , <b>2015</b> , 589, 3969-76	3.8	5
23	A Call to Action: Now Is the Time to Screen Elderly and Treat Osteosarcopenia, a Position Paper of the Italian College of Academic Nutritionists MED/49 (ICAN-49). <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
22	Short-term adverse effects of anticancer drugs in patients with type 2 diabetes. <i>Journal of Chemotherapy</i> , <b>2019</b> , 31, 150-159	2.3	4
21	Strong evidence of sexual dimorphic effect of adiposity excess on insulin sensitivity. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 991-8	3.9	4
20	Abnormal 1-hour post-load glycemia during pregnancy impairs post-partum metabolic status: a single-center experience. <i>Journal of Endocrinological Investigation</i> , <b>2018</b> , 41, 567-573	5.2	4
19	Re: Insulin, insulin-like growth factor-I, and risk of breast cancer in postmenopausal women. <i>Journal of the National Cancer Institute</i> , <b>2009</b> , 101, 1030-1; author reply 1031-2	9.7	4
18	Radioimmunoassay for human insulin-like growth factor-I receptor: applicability to breast carcinoma specimens and cell lines. <i>Metabolism: Clinical and Experimental</i> , <b>1991</b> , 40, 861-5	12.7	4
17	Prevalence and Clinical Characteristics of Children and Adolescents with Metabolically Healthy Obesity: Role of Insulin Sensitivity. <i>Life</i> , <b>2020</b> , 10,	3	4
16	Impact of unhealthy childhood and unfavorable parents characteristics on adiposity in schoolchildren. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2019</b> , 35, e3199	7.5	3
15	Correspondence between the International Diabetes Federation criteria for metabolic syndrome and insulin resistance in a cohort of Italian nondiabetic Caucasians: the GISIR database. <i>Diabetes Care</i> , <b>2007</b> , 30, e33	14.6	3
14	Relationship between insulin receptor tyrosine kinase activity and internalization in monocytes of non-insulin-dependent diabetes mellitus patients. <i>Metabolism: Clinical and Experimental</i> , <b>1993</b> , 42, 882-7 <sup>12.7</sup>		3
13	Cytosolic and Calcium-Independent Phospholipases A2 Activation and Prostaglandins E2 Are Associated with Escherichia coli-Induced Reduction of Insulin Secretion in INS-1E Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159874	3.7	3
12	The prevalence of chronic kidney disease and screening of renal function in type 2 diabetic patients in Finnish primary healthcare. <i>Primary Care Diabetes</i> , <b>2020</b> , 14, 639-644	2.4	2

11	ENPP1 mRNA levels in white blood cells and prediction of metformin efficacy in type 2 diabetic patients: a preliminary evidence. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2012</b> , 22, e5-6	4.5	2
10	Efficacy, renal safety and tolerability of sodium-glucose cotransporter 2 inhibitors (SGLT2i) in elderly patients with type 2 diabetes: A real-world experience. <i>Primary Care Diabetes</i> , <b>2021</b> , 15, 283-288	2.4	2
9	Phenotyping normal kidney function in elderly patients with type 2 diabetes: a cross-sectional multicentre study. <i>Acta Diabetologica</i> , <b>2018</b> , 55, 1121-1129	3.9	2
8	The Q121/Q121 Genotype of ENPP1/PC-1 Is Associated with Lower BMI in Non-diabetic Whites <b>2007</b> , 15, 1		1
7	The novel loss of function Ile354Val mutation in PPARG causes familial partial lipodystrophy. <i>Acta Diabetologica</i> , <b>2020</b> , 57, 589-596	3.9	1
6	Association of personalised care plans with monitoring and control of clinical outcomes, prescription of medication and utilisation of primary care services in patients with type 2 diabetes: an observational real-world study.. <i>Scandinavian Journal of Primary Health Care</i> , <b>2022</b> , 1-9	2.7	0
5	Chirurgia bariatrica e diabete mellito: gestione pratica. <i>L Endocrinologo</i> , <b>2019</b> , 20, 38-39	0	
4	Gestione del soggetto sottoposto a chirurgia bariatrica. <i>L Endocrinologo</i> , <b>2018</b> , 19, 34-35	0	
3	P-117: Relationship between insulin sensitivity, insulin receptor tyrosine-kinase activity and PC-1 content. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>1996</b> , 104, 179-180	2.3	
2	Genetic variants of modulators of insulin action. <i>International Congress Series</i> , <b>2003</b> , 1253, 45-53		
1	Roles and competencies in the nutritional domain for the management of the metabolic diseases and in the hospital setting: A position paper of the Italian College of Academic Nutritionists, MED-49 (ICAN-49). <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 2993-3003	4.5	