

Lucia Frittitta

List of Publications by Year in descending order

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103
papers

4,225
citations

117453

34
h-index

118652

62
g-index

107
all docs

107
docs citations

107
times ranked

4630
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated insulin receptor content in human breast cancer.. Journal of Clinical Investigation, 1990, 86, 1503-1510.	3.9	293
2	A polymorphism (K121Q) of the human glycoprotein PC-1 gene coding region is strongly associated with insulin resistance. Diabetes, 1999, 48, 1881-1884.	0.3	228
3	Adiponectin Relationship with Lipid Metabolism Is Independent of Body Fat Mass: Evidence from Both Cross-Sectional and Intervention Studies. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2665-2671.	1.8	209
4	A Variation in 3' UTR of hPTP1B Increases Specific Gene Expression and Associates with Insulin Resistance. American Journal of Human Genetics, 2002, 70, 806-812.	2.6	179
5	Type 2 Diabetes Mellitus and Alzheimer's Disease: Role of Insulin Signalling and Therapeutic Implications. International Journal of Molecular Sciences, 2018, 19, 3306.	1.8	176
6	Insulin, insulin receptors, and cancer. Journal of Endocrinological Investigation, 2016, 39, 1365-1376.	1.8	164
7	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). Diabetes, 2001, 50, 831-836.	0.3	136
8	The Role of Membrane Glycoprotein Plasma Cell Antigen 1/Ectonucleotide Pyrophosphatase Phosphodiesterase 1 in the Pathogenesis of Insulin Resistance and Related Abnormalities. Endocrine Reviews, 2008, 29, 62-75.	8.9	113
9	A Functional Variant of the Adipocyte Glycerol Channel Aquaporin 7 Gene Is Associated With Obesity and Related Metabolic Abnormalities. Diabetes, 2007, 56, 1468-1474.	0.3	108
10	Association between the human glycoprotein PC-1 gene and elevated glucose and insulin levels in a paired-sibling analysis. Diabetes, 2000, 49, 1601-1603.	0.3	106
11	Increased adipose tissue PC-1 protein content, but not tumour necrosis factor- α gene expression, is associated with a reduction of both whole body insulin sensitivity and insulin receptor tyrosine-kinase activity. Diabetologia, 1997, 40, 282-289.	2.9	93
12	The K121Q variant of the human PC-1 gene is not associated with insulin resistance or type 2 diabetes among Danish Caucasians. Diabetes, 2000, 49, 1608-1611.	0.3	89
13	Clinical and molecular mechanisms favoring cancer initiation and progression in diabetic patients. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 808-815.	1.1	85
14	An ATG Repeat in the 3'-Untranslated Region of the Human Resistin Gene Is Associated with a Decreased Risk of Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 4403-4406.	1.8	82
15	Adipose Tissue, Obesity and Adiponectin: Role in Endocrine Cancer Risk. International Journal of Molecular Sciences, 2019, 20, 2863.	1.8	80
16	A Cluster of Three Single Nucleotide Polymorphisms in the 3'-Untranslated 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. Diabetes, 2001, 50, 1952-1955.	0.3	75
17	Association between Resistin Levels and All-Cause and Cardiovascular Mortality: A New Study and a Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0120419.	1.1	69
18	Hyperinsulinemia and insulin resistance are independently associated with plasma lipids, uric acid and blood pressure in non-diabetic subjects. The GISIR database. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 624-631.	1.1	67

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19	Insulin Receptors in Breast Cancer. <i>Annals of the New York Academy of Sciences</i> , 1996, 784, 173-188.	1.8	66
20	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> , 1996, 39, 1190-1195.	2.9	66
21	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> , 1998, 47, 1095-1100.	0.3	66
22	Intra-gastric Balloon in Association with Lifestyle and/or Pharmacotherapy in the Long-Term Management of Obesity. <i>Obesity Surgery</i> , 2012, 22, 565-571.	1.1	65
23	Loss-of-Function Mutation of the <i>GPR40</i> Gene Associates with Abnormal Stimulated Insulin Secretion by Acting on Intracellular Calcium Mobilization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3541-3550.	1.8	61
24	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> , 2015, 31, 61-68.	1.7	60
25	Insulin receptor overexpression in 184B5 human mammary epithelial cells induces a ligand-dependent transformed phenotype. <i>Journal of Cellular Biochemistry</i> , 1995, 57, 666-669.	1.2	59
26	Obesity and cancer. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 1-7.	1.1	58
27	The Q121 PC-1 Variant and Obesity Have Additive and Independent Effects in Causing Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5888-5891.	1.8	53
28	Very severely obese patients have a high prevalence of type 2 diabetes mellitus and cardiovascular disease. <i>Acta Diabetologica</i> , 2013, 50, 443-449.	1.2	52
29	Evidence for genetic epistasis in human insulin resistance: the combined effect of PC-1 (K121Q) and PPAR γ 2 (P12A) polymorphisms. <i>Journal of Molecular Medicine</i> , 2003, 81, 718-723.	1.7	45
30	Influence of the Mediterranean and Ketogenic Diets on Cognitive Status and Decline: A Narrative Review. <i>Nutrients</i> , 2020, 12, 1019.	1.7	41
31	Functional insulin receptors are overexpressed in thyroid tumors. , 1999, 85, 492-498.		38
32	ENPP1 Affects Insulin Action and Secretion: Evidences from In Vitro Studies. <i>PLoS ONE</i> , 2011, 6, e19462.	1.1	38
33	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> , 2000, 49, 521-524.	0.3	37
34	The Q121/Q121 Genotype of ENPP1/PC-1 Is Associated with Lower BMI in Non-diabetic Whites*. <i>Obesity</i> , 2007, 15, 1-4.	1.5	37
35	High prevalence of overweight and obesity in 11-15-year-old children from Sicily. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 249-255.	1.1	36
36	Membrane glycoprotein PC-1 and insulin resistance. <i>Molecular and Cellular Biochemistry</i> , 1998, 182, 177-184.	1.4	35

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37	Role of the ENPP1 K121Q Polymorphism in Glucose Homeostasis. <i>Diabetes</i> , 2008, 57, 3360-3364.	0.3	35
38	The insulin receptor content is increased in breast cancers initiated by three different oncogenes in transgenic mice. <i>Breast Cancer Research and Treatment</i> , 1997, 45, 141-147.	1.1	33
39	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> , 2020, 30, 355-367.	1.1	31
40	Insulin receptor tyrosine-kinase activity is altered in both muscle and adipose tissue from non-obese normoglycaemic insulin-resistant subjects. <i>Diabetologia</i> , 1995, 38, 55-61.	2.9	30
41	Polymorphisms of the Insulin Receptor Substrate-2 in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 317-322.	1.8	30
42	Role of PC-1 in The Etiology of Insulin Resistance. <i>Annals of the New York Academy of Sciences</i> , 1999, 892, 204-222.	1.8	29
43	Influence of early-life and parental factors on childhood overweight and obesity. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 1315-1321.	1.8	29
44	Type 2 diabetic patients with Graves' disease have more frequent and severe Graves' orbitopathy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 452-457.	1.1	28
45	Evaluation of Albumin Excretion Rate in Overnight Versus 24-h Urine. <i>Diabetes Care</i> , 1989, 12, 585-587.	4.3	26
46	Insulin receptor tyrosine kinase activity is reduced in monocytes from non-obese normoglycaemic insulin-resistant subjects. <i>Diabetologia</i> , 1993, 36, 1163-1167.	2.9	26
47	Rationale and design of the DARWIN-T2D (Dapagliflozin Real World evldeNce in Type 2 Diabetes). <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 1089-1097.	1.1	26
48	Long-acting insulin analogs and cancer. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 436-443.	1.1	26
49	Association of autoimmune thyroid diseases, chronic atrophic gastritis and gastric carcinoid: experience from a single institution. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 779-784.	1.8	25
50	A Soluble PC-1 Circulates in Human Plasma: Relationship with Insulin Resistance and Associated Abnormalities. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3620-3625.	1.8	25
51	Structural and functional studies of insulin receptors in human breast cancer. <i>Breast Cancer Research and Treatment</i> , 1993, 25, 73-82.	1.1	23
52	Peptide-based radioimmunoassay for the two isoforms of the human insulin receptor. <i>Diabetologia</i> , 1995, 38, 445-453.	2.9	23
53	Adiponectin increases glucose-induced insulin secretion through the activation of lipid oxidation. <i>Acta Diabetologica</i> , 2013, 50, 851-857.	1.2	23
54	Joint effect of insulin signaling genes on cardiovascular events and on whole body and endothelial insulin resistance. <i>Atherosclerosis</i> , 2013, 226, 140-145.	0.4	23

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55	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> , 2009, 29, 1678-1683.	1.1	22
56	Secular Trends in the Prevalence of Overweight and Obesity in Sicilian Schoolchildren Aged 11â€“13 Years During the Last Decade. <i>PLoS ONE</i> , 2012, 7, e34551.	1.1	22
57	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> , 1999, 22, 472-475.	1.8	21
58	The SH2B1 obesity locus is associated with myocardial infarction in diabetic patients and with NO synthase activity in endothelial cells. <i>Atherosclerosis</i> , 2011, 219, 667-672.	0.4	17
59	Selective Insulin Receptor Modulators (SIRM): A New Class of Antidiabetes Drugs?. <i>Diabetes</i> , 2012, 61, 984-985.	0.3	17
60	Similar effectiveness of dapagliflozin and GLPâ€“1 receptor agonists concerning combined endpoints in routine clinical practice: A multicentre retrospective study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1886-1894.	2.2	17
61	Early molecular defects in human insulin resistance: studies in healthy subjects with low insulin sensitivity. , 1997, 13, 147-162.		16
62	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> , 2002, 17, 1402-1407.	0.4	16
63	The allelic variant of LAR gene promoter â€“127â€“Tâ†’A is associated with reduced risk of obesity and other features related to insulin resistance. <i>Journal of Molecular Medicine</i> , 2004, 82, 459-466.	1.7	16
64	TRIB3 R84 variant affects glucose homeostasis by altering the interplay between insulin sensitivity and secretion. <i>Diabetologia</i> , 2010, 53, 1354-1361.	2.9	16
65	The Growing Role of Bariatric Surgery in the Management of Type 2 Diabetes: Evidences and Open Questions. <i>Obesity Surgery</i> , 2011, 21, 1451-1457.	1.1	16
66	Insulin degludec in the first trimester of pregnancy: Report of two cases. <i>Journal of Diabetes Investigation</i> , 2018, 9, 629-631.	1.1	16
67	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> , 2000, 16, 26-32.	1.7	15
68	Integrated insulin pump therapy with continuous glucose monitoring for improved adherence: technology update. <i>Patient Preference and Adherence</i> , 2015, 9, 1263.	0.8	15
69	Joint Effect of Insulin Signaling Genes on Insulin Secretion and Glucose Homeostasis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1143-E1147.	1.8	14
70	Basal Insulin and Cardiovascular and Other Outcomes. <i>New England Journal of Medicine</i> , 2012, 367, 1761-1764.	13.9	12
71	Efficacy of Botulinum Toxin <sc>A</sc> for Treating Cramps in Diabetic Neuropathy. <i>Annals of Neurology</i> , 2018, 84, 674-682.	2.8	12
72	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> , 2018, 9, 1477-1490.	1.2	12

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73	Rats that are made insulin resistant by glucosamine treatment have impaired skeletal muscle insulin receptor phosphorylation. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1092-1095.	1.5	10
74	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> , 2020, 12, 2662.	1.7	10
75	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> , 2000, 85, 4219-4223.	1.8	9
76	Short-term adverse effects of anticancer drugs in patients with type 2 diabetes. <i>Journal of Chemotherapy</i> , 2019, 31, 150-159.	0.7	9
77	Prevalence and Clinical Characteristics of Children and Adolescents with Metabolically Healthy Obesity: Role of Insulin Sensitivity. <i>Life</i> , 2020, 10, 127.	1.1	9
78	Radioimmunoassay for human insulin-like growth factor-I receptor: Applicability to breast carcinoma specimens and cell lines. <i>Metabolism: Clinical and Experimental</i> , 1991, 40, 861-865.	1.5	8
79	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> , 2015, 589, 3969-3976.	1.3	8
80	Insulin receptor signaling and glucagon-like peptide 1 effects on pancreatic beta cells. <i>PLoS ONE</i> , 2017, 12, e0181190.	1.1	8
81	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> , 2019, 42, 403-409.	1.8	8
82	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> , 2020, 14, 639-644.	0.9	8
83	Identification and initial characterization of insulin receptor-like immunoreactivity in human plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 74, 1116-1121.	1.8	8
84	Abnormal 1-hour post-load glycemia during pregnancy impairs post-partum metabolic status: a single-center experience. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 567-573.	1.8	7
85	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> , 2021, 15, 283-288.	0.9	7
86	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> , 2013, 23, 1043-1049.	1.1	6
87	Re: Insulin, Insulin-like Growth Factor-I, and Risk of Breast Cancer in Postmenopausal Women. <i>Journal of the National Cancer Institute</i> , 2009, 101, 1030-1031.	3.0	5
88	Pharmacological treatment of nonresponders following bariatric surgery: a narrative review of the current evidence. <i>Minerva Endocrinology</i> , 2021, , .	0.6	5
89	Relationship between insulin receptor tyrosine kinase activity and internalization in monocytes of non-insulin-dependent diabetes mellitus patients. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 882-887.	1.5	4
90	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> , 2007, 30, e33-e33.	4.3	4

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91	Strong evidence of sexual dimorphic effect of adiposity excess on insulin sensitivity. <i>Acta Diabetologica</i> , 2015, 52, 991-998.	1.2	4
92	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> , 2016, 11, e0159874.	1.1	4
93	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> , 2012, 22, e5-e6.	1.1	3
94	Impact of unhealthy childhood and unfavorable parents' characteristics on adiposity in schoolchildren. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3199.	1.7	3
95	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> , 2022, 40, 39-47.	0.6	3
96	Phenotyping normal kidney function in elderly patients with type 2 diabetes: a cross-sectional multicentre study. <i>Acta Diabetologica</i> , 2018, 55, 1121-1129.	1.2	2
97	The novel loss of function Ile354Val mutation in PPARG causes familial partial lipodystrophy. <i>Acta Diabetologica</i> , 2020, 57, 589-596.	1.2	1
98	The Q121/Q121 Genotype of ENPP1/PC-1 Is Associated with Lower BMI in Non-diabetic Whites*. <i>Obesity</i> , 2007, 15, 1-4.	1.5	1
99	P-117: Relationship between insulin sensitivity, insulin receptor tyrosine-kinase activity and PC-1 content. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1996, 104, 179-180.	0.6	0
100	Genetic variants of modulators of insulin action. <i>International Congress Series</i> , 2003, 1253, 45-53.	0.2	0
101	“Adiponectin Paradox” and Cancer Risk: Is It Time for a Reevaluation of the Beneficial Effect of this Adipokine?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2626-e2627.	1.8	0
102	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> , 2021, 31, 2993-3003.	1.1	0
103	The metabolic syndrome, and not obesity, is associated with fasting TSH in euthyroid obese children and adolescents. <i>Endocrine Abstracts</i> , 0, , .	0.0	0