

Maria Gisella Cavallo

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,667
citations

136950

32
h-index

149698

56
g-index

104
all docs

104
docs citations

104
times ranked

4910
citing authors

#	ARTICLE	IF	CITATIONS
1	The single-point insulin sensitivity estimator (SPISE) index is a strong predictor of abnormal glucose metabolism in overweight/obese children: a long-term follow-up study. <i>Journal of Endocrinological Investigation</i> , 2022, 45, 43-51.	3.3	11
2	High pro-neurotensin levels in individuals with type 1 diabetes associate with the development of cardiovascular risk factors at follow-up. <i>Acta Diabetologica</i> , 2022, 59, 49-56.	2.5	6
3	Deep Resequencing of 9 Candidate Genes Identifies a Role for ARAP1 and IGF2BP2 in Modulating Insulin Secretion Adjusted for Insulin Resistance in Obese Southern Europeans. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1221.	4.1	4
4	CAPTURE: A cross-sectional study on the prevalence of cardiovascular disease in adults with type 2 diabetes in Italy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 1195-1201.	2.6	3
5	Pathogenic variants of MODY-genes in adult patients with early-onset type 2 diabetes. <i>Acta Diabetologica</i> , 2022, , 1.	2.5	1
6	New Insights in the Control of Fat Homeostasis: The Role of Neurotensin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2209.	4.1	12
7	Contribution of rare variants in monogenic diabetes-genes to early-onset type 2 diabetes. <i>Diabetes and Metabolism</i> , 2022, 48, 101353.	2.9	3
8	Role of Biliverdin Reductase A in the Regulation of Insulin Signaling in Metabolic and Neurodegenerative Diseases: An Update. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5574.	4.1	4
9	Adipose tissue remodelling in obese subjects is a determinant of presence and severity of fatty liver disease. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3358.	4.0	27
10	Circulating pro-neurotensin levels predict bodyweight gain and metabolic alterations in children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 902-910.	2.6	11
11	Circulating dipeptidyl peptidase-4 is independently associated with the presence and severity of NAFLD/NASH in individuals with and without obesity and metabolic disease. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 979-988.	3.3	28
12	Increased PARylation impacts the DNA methylation process in type 2 diabetes mellitus. <i>Clinical Epigenetics</i> , 2021, 13, 114.	4.1	11
13	Biliverdin reductase-A protein levels are reduced in type 2 diabetes and are associated with poor glycometabolic control. <i>Life Sciences</i> , 2021, 284, 119913.	4.3	8
14	Effects of work status changes and perceived stress on glycaemic control in individuals with type 1 diabetes during COVID-19 lockdown in Italy. <i>Diabetes Research and Clinical Practice</i> , 2020, 170, 108513.	2.8	23
15	Granzyme B in Inflammatory Diseases: Apoptosis, Inflammation, Extracellular Matrix Remodeling, Epithelial-to-Mesenchymal Transition and Fibrosis. <i>Frontiers in Immunology</i> , 2020, 11, 587581.	4.8	56
16	Reduced Biliverdin Reductase-A Expression in Visceral Adipose Tissue is Associated with Adipocyte Dysfunction and NAFLD in Human Obesity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9091.	4.1	13
17	Association of Apelin Levels in Overweight-obese Children with Pubertal Development, but Not with Insulin Sensitivity: 6.5 Years Follow up Evaluation. <i>Endocrine Research</i> , 2020, 45, 233-240.	1.2	5
18	Vitamin D and Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD): An Update. <i>Nutrients</i> , 2020, 12, 3302.	4.1	85

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19	Granzyme B Expression in Visceral Adipose Tissue Associates With Local Inflammation and Glyco-Metabolic Alterations in Obesity. <i>Frontiers in Immunology</i> , 2020, 11, 589188.	4.8	3
20	Relationship between hepatic and systemic angiotensin-like 3, hepatic Vitamin D receptor expression and NAFLD in obesity. <i>Liver International</i> , 2020, 40, 2139-2147.	3.9	25
21	COVID-19 and diabetes: Is this association driven by the DPP4 receptor? Potential clinical and therapeutic implications. <i>Diabetes Research and Clinical Practice</i> , 2020, 163, 108165.	2.8	14
22	570-P: Osteoprotegerin Induces Endothelial Dysfunction and Is Associated with Vascular Complications In Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 570-P.	0.6	1
23	Angiotensin-Like Protein 4 Overexpression in Visceral Adipose Tissue from Obese Subjects with Impaired Glucose Metabolism and Relationship with Lipoprotein Lipase. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7197.	4.1	19
24	Impaired bone matrix glycoprotein pattern is associated with increased cardio-metabolic risk profile in patients with type 2 diabetes mellitus. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 513-520.	3.3	14
25	Greater circulating DPP4 activity is associated with impaired flow-mediated dilatation in adults with type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 1087-1094.	2.6	19
26	THU-296-Hepatic and visceral adipose tissue expression of vitamin D receptor and vitamin D hydroxylases in relation to non-alcoholic fatty liver disease and adipose tissue inflammation. <i>Journal of Hepatology</i> , 2019, 70, e290.	3.7	0
27	Sick fat: the good and the bad of old and new circulating markers of adipose tissue inflammation. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 1257-1272.	3.3	58
28	Elevated plasma copeptin levels identify the presence and severity of non-alcoholic fatty liver disease in obesity. <i>BMC Medicine</i> , 2019, 17, 85.	5.5	15
29	Reduced biliverdin reductase-A levels are associated with early alterations of insulin signaling in obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1490-1501.	3.8	29
30	ANGPTL4 gene E40K variation protects against obesity-associated dyslipidemia in participants with obesity. <i>Obesity Science and Practice</i> , 2019, 5, 83-90.	1.9	13
31	Circulating miRNA-375 levels are increased in autoantibodies-positive first-degree relatives of type 1 diabetes patients. <i>Acta Diabetologica</i> , 2019, 56, 707-710.	2.5	13
32	Increased circulating granzyme B in type 2 diabetes patients with low-grade systemic inflammation. <i>Cytokine</i> , 2019, 115, 104-108.	3.2	14
33	Technological Support to Intensive Insulin Therapy by a Novel Smartphone Application in Young Adults With Type 1 Diabetes: One Center's Experience. <i>Journal of Diabetes Science and Technology</i> , 2019, 13, 148-149.	2.2	0
34	Overview of studies of the vitamin D/vitamin D receptor system in the development of non-alcoholic fatty liver disease. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2019, 10, 11-16.	1.0	11
35	Procollagen peptide identifies adipose tissue-associated inflammation in type 2 diabetes with or without nonalcoholic liver disease. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2998.	4.0	7
36	Presence of diabetes-specific autoimmunity in women with gestational diabetes mellitus (GDM) predicts impaired glucose regulation at follow-up. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 1061-1068.	3.3	13

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37	Association between systemic leptin and neurotensin concentration in adult individuals with and without type 2 diabetes mellitus. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 1159-1163.	3.3	17
38	Variability in genes regulating vitamin D metabolism is associated with vitamin D levels in type 2 diabetes. <i>Oncotarget</i> , 2018, 9, 34911-34918.	1.8	5
39	Effect of Vitamin D Supplementation on Markers of Vascular Function: A Systematic Review and Individual Participant Meta-Analysis. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	63
40	Neurotensin Is a Lipid-Induced Gastrointestinal Peptide Associated with Visceral Adipose Tissue Inflammation in Obesity. <i>Nutrients</i> , 2018, 10, 526.	4.1	42
41	Increased Plasma Proneurotensin Levels Identify NAFLD in Adults With and Without Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2253-2260.	3.6	41
42	WISP1 Is a Marker of Systemic and Adipose Tissue Inflammation in Dysmetabolic Subjects With or Without Type 2 Diabetes. <i>Journal of the Endocrine Society</i> , 2017, 1, 660-670.	0.2	45
43	Comment on Elangovan H et al. vitamin D in liver disease: Current evidence and potential directions. <i>Biochim Biophys Acta</i> 2017;1863(4):907-916. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2388.	3.8	0
44	Circulating IL-8 levels are increased in patients with type 2 diabetes and associated with worse inflammatory and cardiometabolic profile. <i>Acta Diabetologica</i> , 2017, 54, 961-967.	2.5	64
45	High prevalence of diabetes-specific autoimmunity in first-degree relatives of Sardinian patients with type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2864.	4.0	9
46	The Arg282Ser missense mutation in APOA5 gene determines a reduction of triglyceride and LDL-cholesterol in children, together with low serum levels of apolipoprotein A-V. <i>Lipids in Health and Disease</i> , 2017, 16, 179.	3.0	2
47	Vitamin D Supplementation and Non-Alcoholic Fatty Liver Disease: Present and Future. <i>Nutrients</i> , 2017, 9, 1015.	4.1	55
48	Dipeptidyl peptidase-4 inhibitors and bone metabolism: is vitamin D the link?. <i>Acta Diabetologica</i> , 2016, 53, 839-844.	2.5	7
49	Phenotypical heterogeneity linked to adipose tissue dysfunction in patients with Type 2 diabetes. <i>Clinical Science</i> , 2016, 130, 1753-1762.	4.3	16
50	Search for Genetic Variant in the Apelin Gene by Resequencing and Association Study in European Subjects. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 98-102.	0.7	5
51	No effects of oral vitamin D supplementation on non-alcoholic fatty liver disease in patients with type 2 diabetes: a randomized, double-blind, placebo-controlled trial. <i>BMC Medicine</i> , 2016, 14, 92.	5.5	130
52	The vitamin D receptor (VDR) gene rs11568820 variant is associated with type 2 diabetes and impaired insulin secretion in Italian adult subjects, and associates with increased cardio-metabolic risk in children. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 407-413.	2.6	19
53	The "Sapienza University Mortality and Morbidity Event Rate (SUMMER) study in diabetes" Study protocol. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 103-108.	2.6	5
54	Increased circulating osteopontin levels in adult patients with type 1 diabetes mellitus and association with dysmetabolic profile. <i>European Journal of Endocrinology</i> , 2016, 174, 187-192.	3.7	24

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55	Glycated hemoglobin for the diagnosis of diabetes and prediabetes: Diagnostic impact on obese and lean subjects, and phenotypic characterization. <i>Journal of Diabetes Investigation</i> , 2015, 6, 44-50.	2.4	33
56	Therapy with proton pump inhibitors in patients with type 2 diabetes is independently associated with improved glycometabolic control. <i>Acta Diabetologica</i> , 2015, 52, 873-880.	2.5	19
57	Hypovitaminosis D in recent onset rheumatoid arthritis is predictive of reduced response to treatment and increased disease activity: a 12-month follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 53.	1.9	40
58	TSH levels are associated with vitamin D status and seasonality in an adult population of euthyroid adults. <i>Clinical and Experimental Medicine</i> , 2015, 15, 389-396.	3.6	41
59	Hypovitaminosis D is Independently Associated with Metabolic Syndrome in Obese Patients. <i>PLoS ONE</i> , 2013, 8, e68689.	2.5	49
60	Association of <i>FTO</i> Polymorphisms with Early Age of Obesity in Obese Italian Subjects. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	36
61	Liver vitamin D receptor, <i>CYP2R1</i> , and <i>CYP27A1</i> expression: relationship with liver histology and vitamin D3 levels in patients with nonalcoholic steatohepatitis or hepatitis C virus. <i>Hepatology</i> , 2012, 56, 2180-2187.	7.3	192
62	Altered Glucose Homeostasis Is Associated with Increased Serum Apelin Levels in Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2012, 7, e51236.	2.5	47
63	Metabolic syndrome in subjects at high risk for type 2 diabetes: The genetic, physiopathology and evolution of type 2 diabetes (GENFIEV) study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 699-705.	2.6	16
64	High prevalence of capillary abnormalities in patients with diabetes and association with retinopathy. <i>Diabetic Medicine</i> , 2011, 28, 1039-1044.	2.3	49
65	Strong association between non alcoholic fatty liver disease (NAFLD) and low 25(OH) vitamin D levels in an adult population with normal serum liver enzymes. <i>BMC Medicine</i> , 2011, 9, 85.	5.5	257
66	Blue eyes as a risk factor for type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 609-613.	4.0	16
67	Prevalence of Type 1 Diabetes Autoantibodies (GADA, IA2, and IAA) in Overweight and Obese Children. <i>Diabetes Care</i> , 2010, 33, 820-822.	8.6	21
68	No Protective Effect of Calcitriol on β -Cell Function in Recent-Onset Type 1 Diabetes. <i>Diabetes Care</i> , 2010, 33, 1962-1963.	8.6	133
69	Subclinical vascular alterations in young adults with type 1 diabetes detected by arterial tonometry. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 756-761.	4.0	6
70	Insulinoma CM cell line as in vitro model for beta cell. <i>Journal of Cellular Physiology</i> , 2008, 216, 568-568.	4.1	3
71	Search for genetic variants of the SYNTAXIN 1A (STX1A) gene: the ~ 352 A>T variant in the STX1A promoter associates with impaired glucose metabolism in an Italian obese population. <i>International Journal of Obesity</i> , 2008, 32, 413-420.	3.4	27
72	Cytokines in sera from insulin-dependent diabetic patients at diagnosis. <i>Clinical and Experimental Immunology</i> , 2008, 86, 256-259.	2.6	63

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73	Cytokines and autoimmunity. <i>Clinical and Experimental Immunology</i> , 2008, 96, 1-7.	2.6	38
74	Identification of Sequence Variants in the UBL5 (Ubiquitin-like 5 or BEACON) Gene in Obese Children by PCR-SSCP: No Evidence for Association with Obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2008, 21, 1139-45.	0.9	3
75	Age at Diagnosis of Type 1 Diabetes and the Effect of Immunomodulatory Therapies on Residual Beta Cell Function. <i>Hormone and Metabolic Research</i> , 2008, 40, 66-68.	1.5	1
76	The effects of calcitriol and nicotinamide on residual pancreatic β -cell function in patients with recent-onset Type 1 diabetes (IMDIAB XI). <i>Diabetic Medicine</i> , 2006, 23, 920-923.	2.3	116
77	3,5,3-triiodothyronine (T3) is a survival factor for pancreatic β -cells undergoing apoptosis. <i>Journal of Cellular Physiology</i> , 2006, 206, 309-321.	4.1	69
78	The G972R variant of the insulin receptor substrate-1 gene impairs insulin signaling and cell differentiation in 3T3L1 adipocytes; treatment with a PPAR α agonist restores normal cell signaling and differentiation. <i>Journal of Endocrinology</i> , 2006, 188, 271-285.	2.6	19
79	Clinical phenotype and β -cell autoimmunity in Italian patients with adult-onset diabetes. <i>European Journal of Endocrinology</i> , 2006, 154, 441-447.	3.7	46
80	Insulin Resistance, the Metabolic Syndrome, and Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1578-1582.	3.6	252
81	Tumor necrosis factor alpha (TNF α) and its soluble receptor p75 (sTNF-R p75) in familial combined hyperlipidemia (FCHL). <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2005, 15, 262-269.	2.6	3
82	Biokinetics of buccal spray insulin in patients with type 1 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 930-934.	3.4	28
83	Cytokine profile and insulin antibody IgG subclasses in patients with recent onset Type 1 diabetes treated with oral insulin. <i>Diabetologia</i> , 2004, 47, 1795-1802.	6.3	24
84	Establishment of T cell lines to bovine beta-casein and beta-casein-derived epitopes in patients with type 1 diabetes. <i>Journal of Endocrinology</i> , 2003, 176, 143-150.	2.6	17
85	Antibodies to Bovine Beta-Casein in Diabetes and Other Autoimmune Diseases. <i>Hormone and Metabolic Research</i> , 2002, 34, 455-459.	1.5	27
86	Continuous glucose monitoring during the European Soccer cup semifinal, Italy against Holland. <i>Diabetologia</i> , 2001, 44, 268-268.	6.3	3
87	Intradermal skin test with diabetes specific antigens in patients with type 1 diabetes. <i>Clinical and Experimental Immunology</i> , 2001, 123, 382-386.	2.6	1
88	No effect of oral insulin on residual beta-cell function in recent-onset Type I diabetes (the IMDIAB VII). <i>Diabetologia</i> , 2000, 43, 1000-1004.	6.3	207
89	Natural Resistance of Human Beta Cells toward Nitric Oxide Is Mediated by Heat Shock Protein 70. <i>Journal of Biological Chemistry</i> , 2000, 275, 19521-19528.	3.4	74
90	Beta-cell gene expression and functional characterisation of the human insulinoma cell line CM. <i>Journal of Endocrinology</i> , 1999, 161, 59-68.	2.6	58

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91	T Cell Reactivity to Human Insulinoma Cell Line (CM) Antigens in Patients with Type 1 Diabetes. Autoimmunity, 1999, 29, 171-177.	2.6	7
92	High frequency of polymorphism but no mutations found in the GLUT1 glucose transporter gene in NIDDM and familial obesity by SSCP analysis. Human Genetics, 1998, 102, 479-482.	3.8	7
93	Metabolic and immune parameters at clinical onset of insulin-dependent diabetes: A population-based study. Metabolism: Clinical and Experimental, 1998, 47, 1205-1210.	3.4	61
94	Sex Steroids Do Not Prevent Amylin-Induced Apoptosis in Human Cells. Experimental Cell Research, 1998, 241, 265-268.	2.6	6
95	Vitamin E and nicotinamide have similar effects in maintaining residual beta cell function in recent onset insulin-dependent diabetes (the IMDIAB IV study). European Journal of Endocrinology, 1997, 137, 234-239.	3.7	49
96	Cell-mediated immune response to β^2 casein in recent-onset insulin-dependent diabetes: implications for disease pathogenesis. Lancet, The, 1996, 348, 926-928.	13.7	143
97	Beta-cell markers and autoantigen expression by a human insulinoma cell line: similarities to native beta cells. Journal of Endocrinology, 1996, 150, 113-120.	2.6	21
98	Double blind trial of nicotinamide in recent-onset IDDM (the IMDIAB III study). Diabetologia, 1995, 38, 848-852.	6.3	68
99	Combination of Nicotinamide and Steroid Versus Nicotinamide in Recent-Onset IDDM: The IMDIAB II Study. Diabetes Care, 1994, 17, 897-900.	8.6	14
100	Affected sib-pair analysis of the GLUT1 glucose transporter gene locus in non-insulin-dependent diabetes mellitus (NIDDM): evidence for no linkage. Human Genetics, 1994, 93, 675-80.	3.8	8
101	Randomized Trial Comparing Nicotinamide and Nicotinamide Plus Cyclosporin in Recent Onset Insulinâ€dependent Diabetes (IMDIAB 1). Diabetic Medicine, 1994, 11, 98-104.	2.3	34
102	Polymorphisms at the GLUT2 (β^2 cell/liver) glucose transporter gene and nonâ€insulinâ€dependent diabetes mellitus (NIDDM): analysis in affected pedigree members. Clinical Genetics, 1992, 41, 229-234.	2.0	17
103	The immune response to influenza vaccination in diabetic patients. Diabetologia, 1986, 29, 850-854.	6.3	70