# Maria Gisella Cavallo

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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. BMC Medicine, 2011, 9, 85. | 5.5 | 257 |
| 2 | Insulin Resistance, the Metabolic Syndrome, and Nonalcoholic Fatty Liver Disease. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1578-1582. | 3.6 | 252 |
| 3 | No effect of oral insulin on residual beta-cell function in recent-onset Type I diabetes (the IMDIAB VII). Diabetologia, 2000, 43, 1000-1004. | 6.3 | 207 |
| 4 | Liver vitamin D receptor, CYP2R1, and CYP27A1 expression: relationship with liver histology and vitamin D3 levels in patients with nonalcoholic steatohepatitis or hepatitis C virus. Hepatology, 2012, 56, 2180-2187. | 7.3 | 192 |
| 5 | Cell-mediated immune response to Î² casein in recent-onset insulin-dependent diabetes: implications for disease pathogenesis. Lancet, The, 1996, 348, 926-928. | 13.7 | 143 |
| 6 | No Protective Effect of Calcitriol on Î²-Cell Function in Recent-Onset Type 1 Diabetes. Diabetes Care, 2010, 33, 1962-1963. | 8.6 | 133 |
| 7 | 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. BMC Medicine, 2016, 14, 92. | 5.5 | 130 |
| 8 | The effects of calcitriol and nicotinamide on residual pancreatic Î²â€cell function in patients with recentâ€onset TypeÂ1 diabetes (IMDIABÂXI). Diabetic Medicine, 2006, 23, 920-923. | 2.3 | 116 |
| 9 | Vitamin D and Metabolic Dysfunction-Associated Fatty Liver Disease (MAFLD): An Update. Nutrients, 2020, 12, 3302. | 4.1 | 85 |
| 10 | Natural Resistance of Human Beta Cells toward Nitric Oxide Is Mediated by Heat Shock Protein 70. Journal of Biological Chemistry, 2000, 275, 19521-19528. | 3.4 | 74 |
| 11 | The immune response to influenza vaccination in diabetic patients. Diabetologia, 1986, 29, 850-854. | 6.3 | 70 |
| 12 | 3,5,3â€²-triiodothyronine (T3) is a survival factor for pancreatic Î²-cells undergoing apoptosis. Journal of Cellular Physiology, 2006, 206, 309-321. | 4.1 | 69 |
| 13 | Double blind trial of nicotinamide in recent-onset IDDM (the IMDIAB III study). Diabetologia, 1995, 38, 848-852. | 6.3 | 68 |
| 14 | Circulating IL-8 levels are increased in patients with type 2 diabetes and associated with worse inflammatory and cardiometabolic profile. Acta Diabetologica, 2017, 54, 961-967. | 2.5 | 64 |
| 15 | Cytokines in sera from insulin-dependent diabetic patients at diagnosis. Clinical and Experimental Immunology, 2008, 86, 256-259. | 2.6 | 63 |
| 16 | Effect of Vitamin D Supplementation on Markers of Vascular Function: A Systematic Review and Individual Participant Metaâ€Analysis. Journal of the American Heart Association, 2018, 7, . | 3.7 | 63 |
| 17 | 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 |
| 18 | Beta-cell gene expression and functional characterisation of the human insulinoma cell line CM. Journal of Endocrinology, 1999, 161, 59-68. | 2.6 | 58 |

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|---|---|---|---|
| 19 | Sick fat: the good and the bad of old and new circulating markers of adipose tissue inflammation. Journal of Endocrinological Investigation, 2019, 42, 1257-1272. | 3.3 | 58 |
| 20 | Granzyme B in Inflammatory Diseases: Apoptosis, Inflammation, Extracellular Matrix Remodeling, Epithelial-to-Mesenchymal Transition and Fibrosis. Frontiers in Immunology, 2020, 11, 587581. | 4.8 | 56 |
| 21 | Vitamin D Supplementation and Non-Alcoholic Fatty Liver Disease: Present and Future. Nutrients, 2017, 9, 1015. | 4.1 | 55 |
| 22 | 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 |
| 23 | High prevalence of capillary abnormalities in patients with diabetes and association with retinopathy. Diabetic Medicine, 2011, 28, 1039-1044. | 2.3 | 49 |
| 24 | Hypovitaminosis D is Independently Associated with Metabolic Syndrome in Obese Patients. PLoS ONE, 2013, 8, e68689. | 2.5 | 49 |
| 25 | Altered Glucose Homeostasis Is Associated with Increased Serum Apelin Levels in Type 2 Diabetes Mellitus. PLoS ONE, 2012, 7, e51236. | 2.5 | 47 |
| 26 | Clinical phenotype and Î²-cell autoimmunity in Italian patients with adult-onset diabetes. European Journal of Endocrinology, 2006, 154, 441-447. | 3.7 | 46 |
| 27 | WISP1 Is a Marker of Systemic and Adipose Tissue Inflammation in Dysmetabolic Subjects With or Without Type 2 Diabetes. Journal of the Endocrine Society, 2017, 1, 660-670. | 0.2 | 45 |
| 28 | Neurotensin Is a Lipid-Induced Gastrointestinal Peptide Associated with Visceral Adipose Tissue Inflammation in Obesity. Nutrients, 2018, 10, 526. | 4.1 | 42 |
| 29 | TSH levels are associated with vitamin D status and seasonality in an adult population of euthyroid adults. Clinical and Experimental Medicine, 2015, 15, 389-396. | 3.6 | 41 |
| 30 | Increased Plasma Proneurotensin Levels Identify NAFLD in Adults With and Without Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2253-2260. | 3.6 | 41 |
| 31 | Hypovitaminosis D in recent onset rheumatoid arthritis is predictive of reduced response to treatment and increased disease activity: a 12Âmonth follow-up study. BMC Musculoskeletal Disorders, 2015, 16, 53. | 1.9 | 40 |
| 32 | Cytokines and autoimmunity. Clinical and Experimental Immunology, 2008, 96, 1-7. | 2.6 | 38 |
| 33 | Association ofFTOPolymorphisms with Early Age of Obesity in Obese Italian Subjects. Experimental Diabetes Research, 2012, 2012, 1-7. | 3.8 | 36 |
| 34 | 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 |
| 35 | Glycated hemoglobin for the diagnosis of diabetes and prediabetes: Diagnostic impact on obese and lean subjects, and phenotypic characterization. Journal of Diabetes Investigation, 2015, 6, 44-50. | 2.4 | 33 |
| 36 | Reduced biliverdin reductase-A levels are associated with early alterations of insulin signaling in obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1490-1501. | 3.8 | 29 |

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|---|---|---|---|
| 37 | Biokinetics of buccal spray insulin in patients with type 1 diabetes. Metabolism: Clinical and Experimental, 2005, 54, 930-934. | 3.4 | 28 |
| 38 | Circulating dipeptidyl peptidase-4 is independently associated with the presence and severity of NAFLD/NASH in individuals with and without obesity and metabolic disease. Journal of Endocrinological Investigation, 2021, 44, 979-988. | 3.3 | 28 |
| 39 | Antibodies to Bovine Beta-Casein in Diabetes and Other Autoimmune Diseases. Hormone and Metabolic Research, 2002, 34, 455-459. | 1.5 | 27 |
| 40 | Search for genetic variants of the SYNTAXIN 1A (STX1A) gene: the â^'352 A>T variant in the STX1A promoter associates with impaired glucose metabolism in an Italian obese population. International Journal of Obesity, 2008, 32, 413-420. | 3.4 | 27 |
| 41 | Adipose tissue remodelling in obese subjects is a determinant of presence and severity of fatty liver disease. Diabetes/Metabolism Research and Reviews, 2021, 37, e3358. | 4.0 | 27 |
| 42 | Relationship between hepatic and systemic angiopoietinâ€like 3, hepatic Vitamin D receptor expression and NAFLD in obesity. Liver International, 2020, 40, 2139-2147. | 3.9 | 25 |
| 43 | Cytokine profile and insulin antibody IgG subclasses in patients with recent onset Type 1 diabetes treated with oral insulin. Diabetologia, 2004, 47, 1795-1802. | 6.3 | 24 |
| 44 | Increased circulating osteopontin levels in adult patients with type 1 diabetes mellitus and association with dysmetabolic profile. European Journal of Endocrinology, 2016, 174, 187-192. | 3.7 | 24 |
| 45 | Effects of work status changes and perceived stress on glycaemic control in individuals with type 1 diabetes during COVID-19 lockdown in Italy. Diabetes Research and Clinical Practice, 2020, 170, 108513. | 2.8 | 23 |
| 46 | 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 |
| 47 | Prevalence of Type 1 Diabetes Autoantibodies (GADA, IA2, and IAA) in Overweight and Obese Children. Diabetes Care, 2010, 33, 820-822. | 8.6 | 21 |
| 48 | The G972R variant of the insulin receptor substrate-1 gene impairs insulin signaling and cell differentiation in 3T3L1 adipocytes; treatment with a PPARÎ³ agonist restores normal cell signaling and differentiation. Journal of Endocrinology, 2006, 188, 271-285. | 2.6 | 19 |
| 49 | Therapy with proton pump inhibitors in patients with type 2 diabetes is independently associated with improved glycometabolic control. Acta Diabetologica, 2015, 52, 873-880. | 2.5 | 19 |
| 50 | 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. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 407-413. | 2.6 | 19 |
| 51 | Greater circulating DPP4 activity is associated with impaired flow-mediated dilatation in adults with type 2 diabetes mellitus. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1087-1094. | 2.6 | 19 |
| 52 | Angiopoietin-Like Protein 4 Overexpression in Visceral Adipose Tissue from Obese Subjects with Impaired Glucose Metabolism and Relationship with Lipoprotein Lipase. International Journal of Molecular Sciences, 2020, 21, 7197. | 4.1 | 19 |
| 53 | Establishment of T cell lines to bovine beta-casein and beta-casein-derived epitopes in patients with type 1 diabetes. Journal of Endocrinology, 2003, 176, 143-150. | 2.6 | 17 |
| 54 | Polymorphisms at the GLUT2 (Î²â€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 |

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|---|---|---|---|
| 55 | Association between systemic leptin and neurotensin concentration in adult individuals with and without type 2 diabetes mellitus. Journal of Endocrinological Investigation, 2018, 41, 1159-1163. | 3.3 | 17 |
| 56 | Metabolic syndrome in subjects at high risk for type 2 diabetes: The genetic, physiopathology and evolution of type 2 diabetes (GENFIEV) study. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 699-705. | 2.6 | 16 |
| 57 | Blue eyes as a risk factor for type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2011, 27, 609-613. | 4.0 | 16 |
| 58 | Phenotypical heterogeneity linked to adipose tissue dysfunction in patients with TypeÂ2 diabetes. Clinical Science, 2016, 130, 1753-1762. | 4.3 | 16 |
| 59 | Elevated plasma copeptin levels identify the presence and severity of non-alcoholic fatty liver disease in obesity. BMC Medicine, 2019, 17, 85. | 5.5 | 15 |
| 60 | Combination of Nicotinamide and Steroid Versus Nicotinamide in Recent-Onset IDDM: The IMDIAB II Study. Diabetes Care, 1994, 17, 897-900. | 8.6 | 14 |
| 61 | Impaired bone matrix glycoprotein pattern is associated with increased cardio-metabolic risk profile in patients with type 2 diabetes mellitus. Journal of Endocrinological Investigation, 2019, 42, 513-520. | 3.3 | 14 |
| 62 | Increased circulating granzyme B in type 2 diabetes patients with low-grade systemic inflammation. Cytokine, 2019, 115, 104-108. | 3.2 | 14 |
| 63 | COVID-19 and diabetes: Is this association driven by the DPP4 receptor? Potential clinical and therapeutic implications. Diabetes Research and Clinical Practice, 2020, 163, 108165. | 2.8 | 14 |
| 64 | Presence of diabetes-specific autoimmunity in women with gestational diabetes mellitus (GDM) predicts impaired glucose regulation at follow-up. Journal of Endocrinological Investigation, 2018, 41, 1061-1068. | 3.3 | 13 |
| 65 | ANGPTL4 gene E40K variation protects against obesityâ€associated dyslipidemia in participants with obesity. Obesity Science and Practice, 2019, 5, 83-90. | 1.9 | 13 |
| 66 | Circulating miRNA-375 levels are increased in autoantibodies-positive first-degree relatives of type 1 diabetes patients. Acta Diabetologica, 2019, 56, 707-710. | 2.5 | 13 |
| 67 | Reduced Biliverdin Reductase-A Expression in Visceral Adipose Tissue is Associated with Adipocyte Dysfunction and NAFLD in Human Obesity. International Journal of Molecular Sciences, 2020, 21, 9091. | 4.1 | 13 |
| 68 | New Insights in the Control of Fat Homeostasis: The Role of Neurotensin. International Journal of Molecular Sciences, 2022, 23, 2209. | 4.1 | 12 |
| 69 | Circulating pro-neurotensin levels predict bodyweight gain and metabolic alterations in children. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 902-910. | 2.6 | 11 |
| 70 | Increased PARylation impacts the DNA methylation process in type 2 diabetes mellitus. Clinical Epigenetics, 2021, 13, 114. | 4.1 | 11 |
| 71 | 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. Journal of Endocrinological Investigation, 2022, 45, 43-51. | 3.3 | 11 |
| 72 | Overview of studies of the vitamin D/vitamin D receptor system in the development of non-alcoholic fatty liver disease. World Journal of Gastrointestinal Pathophysiology, 2019, 10, 11-16. | 1.0 | 11 |

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|---|---|---|---|
| 73 | High prevalence of diabetesâ€specific autoimmunity in firstâ€degree relatives of Sardinian patients with type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2017, 33, e2864. | 4.0 | 9 |
| 74 | 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 |
| 75 | Biliverdin reductase-A protein levels are reduced in type 2 diabetes and are associated with poor glycometabolic control. Life Sciences, 2021, 284, 119913. | 4.3 | 8 |
| 76 | 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 |
| 77 | T Cell Reactivity to Human Insulinoma Cell Line (CM) Antigens in Patients with Type 1 Diabetes. Autoimmunity, 1999, 29, 171-177. | 2.6 | 7 |
| 78 | Dipeptidyl peptidase-4 inhibitors and bone metabolism: is vitamin D the link?. Acta Diabetologica, 2016, 53, 839-844. | 2.5 | 7 |
| 79 | Procollagenâ€III peptide identifies adipose tissueâ€associated inflammation in type 2 diabetes with or without nonalcoholic liver disease. Diabetes/Metabolism Research and Reviews, 2018, 34, e2998. | 4.0 | 7 |
| 80 | Sex Steroids Do Not Prevent Amylin-Induced Apoptosis in Human Cells. Experimental Cell Research, 1998, 241, 265-268. | 2.6 | 6 |
| 81 | Subclinical vascular alterations in young adults with type 1 diabetes detected by arterial tonometry. Diabetes/Metabolism Research and Reviews, 2009, 25, 756-761. | 4.0 | 6 |
| 82 | High pro-neurotensin levels in individuals with type 1 diabetes associate with the development of cardiovascular risk factors at follow-up. Acta Diabetologica, 2022, 59, 49-56. | 2.5 | 6 |
| 83 | Search for Genetic Variant in the Apelin Gene by Resequencing and Association Study in European Subjects. Genetic Testing and Molecular Biomarkers, 2016, 20, 98-102. | 0.7 | 5 |
| 84 | The â€œSapienza University Mortality and Morbidity Event Rate (SUMMER) study in diabetesâ€: Study protocol. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 103-108. | 2.6 | 5 |
| 85 | Variability in genes regulating vitamin D metabolism is associated with vitamin D levels in type 2 diabetes. Oncotarget, 2018, 9, 34911-34918. | 1.8 | 5 |
| 86 | Association of Apelin Levels in Overweight-obese Children with Pubertal Development, but Not with Insulin Sensitivity: 6.5 Years Follow up Evaluation. Endocrine Research, 2020, 45, 233-240. | 1.2 | 5 |
| 87 | 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. International Journal of Molecular Sciences, 2022, 23, 1221. | 4.1 | 4 |
| 88 | Role of Biliverdin Reductase A in the Regulation of Insulin Signaling in Metabolic and Neurodegenerative Diseases: An Update. International Journal of Molecular Sciences, 2022, 23, 5574. | 4.1 | 4 |
| 89 | Continuous glucose monitoring during the European Soccer cup semifinal, Italy against Holland. Diabetologia, 2001, 44, 268-268. | 6.3 | 3 |
| 90 | Tumor necrosis factor alpha (TNFÎ±) and its soluble receptor p75 (sTNF-R p75) in familial combined hyperlipidemia (FCHL). Nutrition, Metabolism and Cardiovascular Diseases, 2005, 15, 262-269. | 2.6 | 3 |

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|---|---|---|---|
| 91 | Insulinoma CM cell line as in vitro model for betaâ€cell. Journal of Cellular Physiology, 2008, 216, 568-568. | 4.1 | 3 |
| 92 | 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. Journal of Pediatric Endocrinology and Metabolism, 2008, 21, 1139-45. | 0.9 | 3 |
| 93 | Granzyme B Expression in Visceral Adipose Tissue Associates With Local Inflammation and Glyco-Metabolic Alterations in Obesity. Frontiers in Immunology, 2020, 11, 589188. | 4.8 | 3 |
| 94 | CAPTURE: A cross-sectional study on the prevalence of cardiovascular disease in adults with type 2 diabetes in Italy. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1195-1201. | 2.6 | 3 |
| 95 | Contribution of rare variants in monogenic diabetes-genes to early-onset type 2 diabetes. Diabetes and Metabolism, 2022, 48, 101353. | 2.9 | 3 |
| 96 | 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. Lipids in Health and Disease, 2017, 16, 179. | 3.0 | 2 |
| 97 | Intradermal skin test with diabetes specific antigens in patients with type 1 diabetes. Clinical and Experimental Immunology, 2001, 123, 382-386. | 2.6 | 1 |
| 98 | Age at Diagnosis of Type 1 Diabetes and the Effect of Immunomodulatory Therapies on Residual Beta Cell Function. Hormone and Metabolic Research, 2008, 40, 66-68. | 1.5 | 1 |
| 99 | 570-P: Osteoprotegerin Induces Endothelial Dysfunction and Is Associated with Vascular Complications In Type 2 Diabetes. Diabetes, 2020, 69, 570-P. | 0.6 | 1 |
| 100 | Pathogenic variants of MODY-genes in adult patients with early-onset type 2 diabetes. Acta Diabetologica, 2022, , 1. | 2.5 | 1 |
| 101 | Comment on Elangovan H et al. vitamin D in liver disease: Current evidence and potential directions. Biochim Biophys Acta 2017;1863(4):907â€“916. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2388. | 3.8 | 0 |
| 102 | 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. Journal of Hepatology, 2019, 70, e290. | 3.7 | 0 |
| 103 | Technological Support to Intensive Insulin Therapy by a Novel Smartphone Application in Young Adults With Type 1 Diabetes: One Centerâ€™s Experience. Journal of Diabetes Science and Technology, 2019, 13, 148-149. | 2.2 | 0 |