

# Franco Folli

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2310289/franco-folli-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

210  
papers

17,094  
citations

64  
h-index

129  
g-index

231  
ext. papers

18,871  
ext. citations

7.6  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
210	Secondary prevention of macrovascular events in patients with type 2 diabetes in the PROactive Study (PROspective pioglitAZone Clinical Trial In macroVascular Events): a randomised controlled trial. <i>Lancet, The</i> , <b>2005</b> , 366, 1279-89	40	3186
209	Identification of the 64K autoantigen in insulin-dependent diabetes as the GABA-synthesizing enzyme glutamic acid decarboxylase. <i>Nature</i> , <b>1990</b> , 347, 151-6	50.4	1507
208	Autoantibodies to GABA-ergic neurons and pancreatic beta cells in stiff-man syndrome. <i>New England Journal of Medicine</i> , <b>1990</b> , 322, 1555-60	59.2	622
207	Autoantibodies to glutamic acid decarboxylase in a patient with stiff-man syndrome, epilepsy, and type I diabetes mellitus. <i>New England Journal of Medicine</i> , <b>1988</b> , 318, 1012-20	59.2	439
206	Hyperglycemia-induced oxidative stress and its role in diabetes mellitus related cardiovascular diseases. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 5695-703	3.3	412
205	Angiotensin II inhibits insulin signaling in aortic smooth muscle cells at multiple levels. A potential role for serine phosphorylation in insulin/angiotensin II crosstalk. <i>Journal of Clinical Investigation</i> , <b>1997</b> , 100, 2158-69	15.9	337
204	Cross-talk between the insulin and angiotensin signaling systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1996</b> , 93, 12490-5	11.5	334
203	The effect of pioglitazone on recurrent myocardial infarction in 2,445 patients with type 2 diabetes and previous myocardial infarction: results from the PROactive (PROactive 05) Study. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 1772-80	15.1	321
202	Autoantibodies to a 128-kd synaptic protein in three women with the stiff-man syndrome and breast cancer. <i>New England Journal of Medicine</i> , <b>1993</b> , 328, 546-51	59.2	293
201	Circulating fibroblast growth factor-21 is elevated in impaired glucose tolerance and type 2 diabetes and correlates with muscle and hepatic insulin resistance. <i>Diabetes Care</i> , <b>2009</b> , 32, 1542-6	14.6	286
200	The synaptic vesicle-associated protein amphiphysin is the 128-kD autoantigen of Stiff-Man syndrome with breast cancer. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 178, 2219-23	16.6	268
199	High glucose causes apoptosis in cultured human pancreatic islets of Langerhans: a potential role for regulation of specific Bcl family genes toward an apoptotic cell death program. <i>Diabetes</i> , <b>2001</b> , 50, 1290-301	0.9	267
198	GABA and pancreatic beta-cells: colocalization of glutamic acid decarboxylase (GAD) and GABA with synaptic-like microvesicles suggests their role in GABA storage and secretion.. <i>EMBO Journal</i> , <b>1991</b> , 10, 1275-1284	13	259
197	Insulin and insulin-like growth factor-1 stimulate proliferation and type I collagen accumulation by human hepatic stellate cells: differential effects on signal transduction pathways. <i>Hepatology</i> , <b>1999</b> , 29, 1743-51	11.2	250
196	Modulation of insulin receptor, insulin receptor substrate-1, and phosphatidylinositol 3-kinase in liver and muscle of dexamethasone-treated rats. <i>Journal of Clinical Investigation</i> , <b>1993</b> , 92, 2065-72	15.9	242
195	The role of oxidative stress in the pathogenesis of type 2 diabetes mellitus micro- and macrovascular complications: avenues for a mechanistic-based therapeutic approach. <i>Current Diabetes Reviews</i> , <b>2011</b> , 7, 313-24	2.7	221
194	Pioglitazone use and heart failure in patients with type 2 diabetes and preexisting cardiovascular disease: data from the PROactive study (PROactive 08). <i>Diabetes Care</i> , <b>2007</b> , 30, 2773-8	14.6	212

193	Insulin stimulation of phosphatidylinositol 3-kinase activity and association with insulin receptor substrate 1 in liver and muscle of the intact rat.. <i>Journal of Biological Chemistry</i> , <b>1992</b> , 267, 22171-22177	5.4	179
192	Regulation of phosphatidylinositol 3-kinase activity in liver and muscle of animal models of insulin-resistant and insulin-deficient diabetes mellitus. <i>Journal of Clinical Investigation</i> , <b>1993</b> , 92, 1787-94	15.9	170
191	The inflammatory status score including IL-6, TNF- $\alpha$ , osteopontin, fractalkine, MCP-1 and adiponectin underlies whole-body insulin resistance and hyperglycemia in type 2 diabetes mellitus. <i>Acta Diabetologica</i> , <b>2014</b> , 51, 123-31	3.9	169
190	TLR4 at the Crossroads of Nutrients, Gut Microbiota, and Metabolic Inflammation. <i>Endocrine Reviews</i> , <b>2015</b> , 36, 245-71	27.2	168
189	Insulin stimulation of phosphatidylinositol 3-kinase activity and association with insulin receptor substrate 1 in liver and muscle of the intact rat. <i>Journal of Biological Chemistry</i> , <b>1992</b> , 267, 22171-7	5.4	166
188	Estrogens stimulate proliferation of intrahepatic biliary epithelium in rats. <i>Gastroenterology</i> , <b>2000</b> , 119, 1681-91	13.3	154
187	Regulation of insulin signalling by hyperinsulinaemia: role of IRS-1/2 serine phosphorylation and the mTOR/p70 S6K pathway. <i>Diabetologia</i> , <b>2005</b> , 48, 506-18	10.3	151
186	In vivo and in vitro studies of vanadate in human and rodent diabetes mellitus. <i>Molecular and Cellular Biochemistry</i> , <b>1995</b> , 153, 217-31	4.2	146
185	Islet transplantation is associated with improvement of renal function among uremic patients with type I diabetes mellitus and kidney transplants. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2003</b> , 14, 2150-8	12.7	143
184	Laparoscopic adjustable gastric banding for the treatment of morbid (grade 3) obesity and its metabolic complications: a three-year study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 3555-61	5.6	143
183	Sitagliptin Treatment at the Time of Hospitalization Was Associated With Reduced Mortality in Patients With Type 2 Diabetes and COVID-19: A Multicenter, Case-Control, Retrospective, Observational Study. <i>Diabetes Care</i> , <b>2020</b> , 43, 2999-3006	14.6	133
182	Metabolic effects of sodium metavanadate in humans with insulin- dependent and noninsulin-dependent diabetes mellitus in vivo and in vitro studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1995</b> , 80, 3311-3320	5.6	132
181	GABA and pancreatic beta-cells: colocalization of glutamic acid decarboxylase (GAD) and GABA with synaptic-like microvesicles suggests their role in GABA storage and secretion. <i>EMBO Journal</i> , <b>1991</b> , 10, 1275-84	13	128
180	Pancreatic islet amyloidosis, beta-cell apoptosis, and alpha-cell proliferation are determinants of islet remodeling in type-2 diabetic baboons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13992-7	11.5	125
179	Post-surgery adherence to scheduled visits and compliance, more than personality disorders, predict outcome of bariatric restrictive surgery in morbidly obese patients. <i>Obesity Surgery</i> , <b>2007</b> , 17, 1492-7	3.7	125
178	Laparoscopic gastric banding prevents type 2 diabetes and arterial hypertension and induces their remission in morbid obesity: a 4-year case-controlled study. <i>Diabetes Care</i> , <b>2005</b> , 28, 2703-9	14.6	119
177	Crosstalk between insulin and angiotensin II signalling systems. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>1999</b> , 107, 133-9	2.3	118
176	Insulin receptor substrate-1 (IRS-1) distribution in the rat central nervous system. <i>Journal of Neuroscience</i> , <b>1994</b> , 14, 6412-22	6.6	118

175	TIMP3 is reduced in atherosclerotic plaques from subjects with type 2 diabetes and increased by SirT1. <i>Diabetes</i> , <b>2009</b> , 58, 2396-401	0.9	117
174	Long-term beneficial effect of islet transplantation on diabetic macro-/microangiopathy in type 1 diabetic kidney-transplanted patients. <i>Diabetes Care</i> , <b>2003</b> , 26, 1129-36	14.6	116
173	Deleterious action of FA metabolites on ATP synthesis: possible link between lipotoxicity, mitochondrial dysfunction, and insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 295, E678-85	6	106
172	Islet transplantation is associated with an improvement of cardiovascular function in type 1 diabetic kidney transplant patients. <i>Diabetes Care</i> , <b>2005</b> , 28, 1358-65	14.6	98
171	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
170	The -866A/A genotype in the promoter of the human uncoupling protein 2 gene is associated with insulin resistance and increased risk of type 2 diabetes. <i>Diabetes</i> , <b>2004</b> , 53, 1905-10	0.9	94
169	High Energy Density (HED) Biaxially-Oriented Poly-Propylene (BOPP) Capacitors For Pulse Power Applications. <i>IEEE Transactions on Magnetics</i> , <b>2007</b> , 43, 223-225	2	92
168	Circulating leptin correlates with left ventricular mass in morbid (grade III) obesity before and after weight loss induced by bariatric surgery: a potential role for leptin in mediating human left ventricular hypertrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 4087-93	5.6	91
167	Tissue inhibitor of metalloproteinase 3 deficiency causes hepatic steatosis and adipose tissue inflammation in mice. <i>Gastroenterology</i> , <b>2009</b> , 136, 663-72.e4	13.3	90
166	Intracellular pathways mediating estrogen-induced cholangiocyte proliferation in the rat. <i>Hepatology</i> , <b>2002</b> , 36, 297-304	11.2	89
165	Islet transplantation improves vascular diabetic complications in patients with diabetes who underwent kidney transplantation: a comparison between kidney-pancreas and kidney-alone transplantation. <i>Transplantation</i> , <b>2003</b> , 75, 1296-301	1.8	82
164	Natural history of kidney graft survival, hypertrophy, and vascular function in end-stage renal disease type 1 diabetic kidney-transplanted patients: beneficial impact of pancreas and successful islet cotransplantation. <i>Diabetes Care</i> , <b>2005</b> , 28, 1303-10	14.6	81
163	The multi-faceted cross-talk between the insulin and angiotensin II signaling systems. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2006</b> , 22, 98-107	7.5	79
162	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. <i>Nature Metabolism</i> , <b>2021</b> , 3, 774-785	14.6	78
161	Impaired regulation of the TNF-alpha converting enzyme/tissue inhibitor of metalloproteinase 3 proteolytic system in skeletal muscle of obese type 2 diabetic patients: a new mechanism of insulin resistance in humans. <i>Diabetologia</i> , <b>2009</b> , 52, 2169-81	10.3	77
160	The role of nateglinide and repaglinide, derivatives of meglitinide, in the treatment of type 2 diabetes mellitus. <i>Archives of Medical Science</i> , <b>2013</b> , 9, 936-43	2.9	75
159	The early intracellular signaling pathway for the insulin/insulin-like growth factor receptor family in the mammalian central nervous system. <i>Molecular Neurobiology</i> , <b>1996</b> , 13, 155-83	6.2	75
158	The insulin receptor and its substrate: molecular determinants of early events in insulin action. <i>Endocrine Reviews</i> , <b>1993</b> , 48, 291-339		74

157	Physiological and molecular determinants of insulin action in the baboon. <i>Diabetes</i> , <b>2008</b> , 57, 899-908	0.9	71
156	Sclerostin and Insulin Resistance in Prediabetes: Evidence of a Cross Talk Between Bone and Glucose Metabolism. <i>Diabetes Care</i> , <b>2015</b> , 38, 1509-17	14.6	70
155	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFalpha. <i>Journal of Cellular Physiology</i> , <b>2002</b> , 190, 251-8	7	69
154	Nitric oxide inhibits thrombin receptor-activating peptide-induced phosphoinositide 3-kinase activity in human platelets. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 14368-75	5.4	68
153	Plasmapheresis in the treatment of stiff-man syndrome. <i>New England Journal of Medicine</i> , <b>1989</b> , 320, 1499	59.2	68
152	Altered insulin receptor signalling and cell cycle dynamics in type 2 diabetes mellitus. <i>PLoS ONE</i> , <b>2011</b> , 6, e28050	3.7	68
151	The crosstalk between insulin and renin-angiotensin-aldosterone signaling systems and its effect on glucose metabolism and diabetes prevention. <i>Current Vascular Pharmacology</i> , <b>2008</b> , 6, 301-12	3.3	67
150	C-174G polymorphism in the promoter of the interleukin-6 gene is associated with insulin resistance. <i>Diabetes Care</i> , <b>2005</b> , 28, 2007-12	14.6	67
149	Vitamin D, sub-inflammation and insulin resistance. A window on a potential role for the interaction between bone and glucose metabolism. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2017</b> , 18, 243-258	10.5	66
148	Bariatric surgery and bone disease: from clinical perspective to molecular insights. <i>International Journal of Obesity</i> , <b>2012</b> , 36, 1373-9	5.5	65
147	Acute promyelocytic leukemia following mitoxantrone as single agent for the treatment of multiple sclerosis. <i>Leukemia</i> , <b>1998</b> , 12, 441-2	10.7	64
146	Effect of acute physiological hyperinsulinemia on gene expression in human skeletal muscle in vivo. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 294, E910-7	6	63
145	Ultrasound measurement of visceral and subcutaneous fat in morbidly obese patients before and after laparoscopic adjustable gastric banding: comparison with computerized tomography and with anthropometric measurements. <i>Obesity Surgery</i> , <b>2002</b> , 12, 648-51	3.7	63
144	Pioglitazone improves glucose metabolism and modulates skeletal muscle TIMP-3-TACE dyad in type 2 diabetes mellitus: a randomised, double-blind, placebo-controlled, mechanistic study. <i>Diabetologia</i> , <b>2013</b> , 56, 2153-63	10.3	60
143	Interaction between leptin and insulin signaling pathways differentially affects JAK-STAT and PI 3-kinase-mediated signaling in rat liver. <i>Biological Chemistry</i> , <b>2003</b> , 384, 151-9	4.5	59
142	Asymptomatic hyperinsulinemic hypoglycemia after gastric banding. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 2822-3	59.2	59
141	Laparoscopic Adjustable Gastric Banding for the Treatment of Morbid (Grade 3) Obesity and its Metabolic Complications: A Three-Year Study		57
140	Regulation of insulin receptor, insulin receptor substrate-1 and phosphatidylinositol 3-kinase in 3T3-F442A adipocytes. Effects of differentiation, insulin, and dexamethasone. <i>Molecular Endocrinology</i> , <b>1994</b> , 8, 545-57		55

139	Chronic hyperglycemia impairs insulin secretion by affecting insulin receptor expression, splicing, and signaling in RIN beta cell line and human islets of Langerhans. <i>FASEB Journal</i> , <b>2003</b> , 17, 1340-2	0.9	53
138	Effect of weight loss through laparoscopic gastric banding on blood pressure, plasma renin activity and aldosterone levels in morbid obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2009</b> , 19, 110-4	4.5	52
137	Alfa and beta estrogen receptors and the biliary tree. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 193, 105-8	4.4	52
136	Weight loss through gastric banding: effects on TSH and thyroid hormones in obese subjects with normal thyroid function. <i>Obesity</i> , <b>2010</b> , 18, 854-7	8	51
135	Circulating IGF-I and IGFBP3 Levels Control Human Colonic Stem Cell Function and Are Disrupted in Diabetic Enteropathy. <i>Cell Stem Cell</i> , <b>2015</b> , 17, 486-498	18	49
134	Insulin and dexamethasone regulate insulin receptors, insulin receptor substrate-1, and phosphatidylinositol 3-kinase in Fao hepatoma cells. <i>Endocrinology</i> , <b>1995</b> , 136, 1579-88	4.8	49
133	Proteomics reveals novel oxidative and glycolytic mechanisms in type 1 diabetic patients skin which are normalized by kidney-pancreas transplantation. <i>PLoS ONE</i> , <b>2010</b> , 5, e9923	3.7	49
132	Increased levels of the Akt-specific phosphatase PH domain leucine-rich repeat protein phosphatase (PHLPP)-1 in obese participants are associated with insulin resistance. <i>Diabetologia</i> , <b>2011</b> , 54, 1879-87	10.3	47
131	Neurotransmitter-hormonal responses to psychological stress in peripubertal subjects: relationship to aggressive behavior. <i>Life Sciences</i> , <b>1998</b> , 62, 617-25	6.8	46
130	In morbid obesity, metabolic abnormalities and adhesion molecules correlate with visceral fat, not with subcutaneous fat: effect of weight loss through surgery. <i>Obesity Surgery</i> , <b>2009</b> , 19, 745-50	3.7	45
129	The glial glutamate transporter 1 (GLT1) is expressed by pancreatic beta-cells and prevents glutamate-induced beta-cell death. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 14007-18	5.4	45
128	Regulation of ERK/JNK/p70S6K in two rat models of liver injury and fibrosis. <i>Journal of Hepatology</i> , <b>2003</b> , 39, 528-37	13.4	45
127	Regulation of endocytic-transcytotic pathways and bile secretion by phosphatidylinositol 3-kinase in rats. <i>Gastroenterology</i> , <b>1997</b> , 113, 954-65	13.3	44
126	Effect of short-term free Fatty acids elevation on mitochondrial function in skeletal muscle of healthy individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 422-9	5.6	43
125	Biliary pancreatic diversion and laparoscopic adjustable gastric banding in morbid obesity: their long-term effects on metabolic syndrome and on cardiovascular parameters. <i>Cardiovascular Diabetology</i> , <b>2009</b> , 8, 37	8.7	43
124	Human stiff-person syndrome IgG induces anxious behavior in rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e16775	3.7	42
123	Effects of weight loss in metabolically healthy obese subjects after laparoscopic adjustable gastric banding and hypocaloric diet. <i>PLoS ONE</i> , <b>2011</b> , 6, e17737	3.7	39
122	Energy expenditure evaluation in humans and non-human primates by SenseWear Armband. Validation of energy expenditure evaluation by SenseWear Armband by direct comparison with indirect calorimetry. <i>PLoS ONE</i> , <b>2013</b> , 8, e73651	3.7	38

121	White blood cells in obesity and diabetes: effects of weight loss and normalization of glucose metabolism. <i>Diabetes Care</i> , <b>2004</b> , 27, 2501-2	14.6	38
120	Regulation of insulin receptor, insulin receptor substrate-1 and phosphatidylinositol 3-kinase in 3T3-F442A adipocytes. Effects of differentiation, insulin, and dexamethasone. <i>Molecular Endocrinology</i> , <b>1994</b> , 8, 545-557		36
119	Further evidence for amyloid deposition in clinical pancreatic islet grafts. <i>Transplantation</i> , <b>2012</b> , 93, 219-23		35
118	The GLP-1 receptor agonists exenatide and liraglutide activate Glucose transport by an AMPK-dependent mechanism. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 229	8.5	35
117	Multiple target tissue effects of GLP-1 analogues on non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH). <i>Pharmacological Research</i> , <b>2018</b> , 137, 219-229	10.2	35
116	Distinct regulation of hypothalamic and brown/beige adipose tissue activities in human obesity. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 1515-22	5.5	33
115	Islet transplantation stabilizes hemostatic abnormalities and cerebral metabolism in individuals with type 1 diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 267-76	14.6	32
114	Impact of common polymorphisms in candidate genes for insulin resistance and obesity on weight loss of morbidly obese subjects after laparoscopic adjustable gastric banding and hypocaloric diet. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5064-9	5.6	31
113	The potential role of glutamate in the current diabetes epidemic. <i>Acta Diabetologica</i> , <b>2012</b> , 49, 167-83	3.9	30
112	Retinol-binding protein 4 is associated with impaired glucose tolerance but not with whole body or hepatic insulin resistance in Mexican Americans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E758-64	6	30
111	Bariatric surgery in obesity: changes of glucose and lipid metabolism correlate with changes of fat mass. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2009</b> , 19, 198-204	4.5	29
110	Coordinated defects in hepatic long chain fatty acid metabolism and triglyceride accumulation contribute to insulin resistance in non-human primates. <i>PLoS ONE</i> , <b>2011</b> , 6, e27617	3.7	29
109	Glutathione redox potential is low and glutathionylated and cysteinylated hemoglobin levels are elevated in maintenance hemodialysis patients. <i>Translational Research</i> , <b>2013</b> , 162, 16-25	11	28
108	Sympathetic overactivity, endothelial dysfunction, inflammation, and metabolic abnormalities cluster in grade III (World Health Organization) obesity: reversal through sustained weight loss obtained with laparoscopic adjustable gastric banding. <i>Diabetes Care</i> , <b>2006</b> , 29, 2735-8	14.6	28
107	Delta cell death in the islet of Langerhans and the progression from normal glucose tolerance to type 2 diabetes in non-human primates (baboon, <i>Papio hamadryas</i> ). <i>Diabetologia</i> , <b>2015</b> , 58, 1814-26	10.3	27
106	Pancreatic islet of Langerhans cytoarchitecture and ultrastructure in normal glucose tolerance and in type 2 diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20 Suppl 2, 137-144	6.7	27
105	Impact of tobacco smoking on lipid metabolism, body weight and cardiometabolic risk. <i>Current Pharmaceutical Design</i> , <b>2010</b> , 16, 2526-30	3.3	25
104	Insulin signalling in heart involves insulin receptor substrates-1 and -2, activation of phosphatidylinositol 3-kinase and the JAK 2-growth related pathway. <i>Cardiovascular Research</i> , <b>1998</b> , 40, 96-102	9.9	25

103	Neurotransmitters and Neuropeptides: New Players in the Control of Islet of Langerhans Cell Mass and Function. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 756-67	7	25
102	Predictive models of insulin resistance derived from simple morphometric and biochemical indices related to obesity and the metabolic syndrome in baboons. <i>Cardiovascular Diabetology</i> , <b>2009</b> , 8, 22	8.7	24
101	Insulin receptor/IRS-1/PI 3-kinase signaling system in corticosteroid-induced insulin resistance. <i>Acta Diabetologica</i> , <b>1996</b> , 33, 185-92	3.9	24
100	A 23-year study of mortality and development of co-morbidities in patients with obesity undergoing bariatric surgery (laparoscopic gastric banding) in comparison with medical treatment of obesity. <i>Cardiovascular Diabetology</i> , <b>2018</b> , 17, 161	8.7	24
99	Helminth infection in mice improves insulin sensitivity via modulation of gut microbiota and fatty acid metabolism. <i>Pharmacological Research</i> , <b>2018</b> , 132, 33-46	10.2	23
98	Disproportionate hyperproinsulinemia, beta-cell restricted prohormone convertase 2 deficiency, and cell cycle inhibitors expression by human islets transplanted into athymic nude mice: insights into nonimmune-mediated mechanisms of delayed islet graft failure. <i>Cell Transplantation</i> , <b>2008</b> , 17, 1323-36	4	23
97	Impact of obesity severity and duration on pancreatic $\beta$ and $\delta$ cell dynamics in normoglycemic non-human primates. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 1071-8	5.5	22
96	Molecular determinants of insulin action. <i>Hormone Research</i> , <b>1993</b> , 39 Suppl 3, 93-101		22
95	Increased $\beta$ Cell Workload Modulates Proinsulin-to-Insulin Ratio in Humans. <i>Diabetes</i> , <b>2018</b> , 67, 2389-2396	6.9	21
94	Morphological and ultrastructural features of human islet grafts performed in diabetic nude mice. <i>Ultrastructural Pathology</i> , <b>2005</b> , 29, 525-33	1.3	20
93	Insulin resistance in uremia: in vitro model in the rat liver using human serum to study mechanisms. <i>Metabolism: Clinical and Experimental</i> , <b>1986</b> , 35, 989-98	12.7	20
92	Insulin resistance and endothelial dysfunction: a mutual relationship in cardiometabolic risk. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 2420-31	3.3	20
91	PET evidence of central GABAergic changes in stiff-person syndrome. <i>Movement Disorders</i> , <b>2007</b> , 22, 1030-3	7	19
90	Apoptotic/myogenic pathways during human heart development. <i>International Journal of Cardiology</i> , <b>2004</b> , 96, 409-17	3.2	19
89	Spontaneous pathology of the baboon endocrine system. <i>Journal of Medical Primatology</i> , <b>2009</b> , 38, 383-9	9.7	18
88	The ontogeny of the endocrine pancreas in the fetal/newborn baboon. <i>Journal of Endocrinology</i> , <b>2012</b> , 214, 289-99	4.7	18
87	P2X7R mutation disrupts the NLRP3-mediated Th program and predicts poor cardiac allograft outcomes. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3490-3503	15.9	18
86	Pioglitazone treatment increases food intake and decreases energy expenditure partially via hypothalamic adiponectin/adipoR1/AMPK pathway. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 138-46	5.5	17



85	Increased airway reactivity and hyperinsulinemia in obese mice are linked by ERK signaling in brain stem cholinergic neurons. <i>Cell Reports</i> , <b>2015</b> , 11, 934-943	10.6	17
84	Prognostic impact of electrocardiographic signs in patients with Type 2 diabetes and cardiovascular disease: results from the PROactive study. <i>Diabetic Medicine</i> , <b>2011</b> , 28, 1206-12	3.5	17
83	Deranged platelet calcium homeostasis in diabetic patients with end-stage renal failure. A possible link to increased cardiovascular mortality?. <i>Diabetes Care</i> , <b>1996</b> , 19, 1062-6	14.6	17
82	Metabolic aspects of bariatric surgery. <i>Medical Clinics of North America</i> , <b>2007</b> , 91, 393-414, x	7	17
81	Normalization of multiple hemostatic abnormalities in uremic type 1 diabetic patients after kidney-pancreas transplantation. <i>Diabetes</i> , <b>2004</b> , 53, 2291-300	0.9	17
80	Hypoglycemia and hyperglycemia are risk factors for falls in the hospital population. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 931-938	3.9	16
79	Increased carotid intima-media thickness in the physiologic range is associated with impaired postprandial glucose metabolism, insulin resistance and beta cell dysfunction. <i>Atherosclerosis</i> , <b>2013</b> , 229, 277-81	3.1	15
78	Elevated concentrations of liver enzymes and ferritin identify a new phenotype of insulin resistance: effect of weight loss after gastric banding. <i>Obesity Surgery</i> , <b>2009</b> , 19, 80-6	3.7	15
77	Deranged platelet calcium homeostasis in poorly controlled IDDM patients. <i>Diabetes Care</i> , <b>1993</b> , 16, 1781-86	14.6	15
76	Platelet calcium homeostasis is abnormal in patients with severe arteriosclerosis. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , <b>1994</b> , 14, 1420-4		15
75	Chemical mediator of insulin action stimulates lipid synthesis and down regulates the insulin receptors in primary cultures of rat hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>1983</b> , 115, 375-82	3.4	15
74	Dietary Intake of Proteins and Calories Is Inversely Associated With The Oxidation State of Plasma Thiols in End-Stage Renal Disease Patients. <i>Journal of Renal Nutrition</i> , <b>2015</b> , 25, 494-503	3	13
73	Ectopic fat storage, insulin resistance, and hypertension. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 3074-80	3.9	13
72	Chronic continuous exenatide infusion does not cause pancreatic inflammation and ductal hyperplasia in non-human primates. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 139-50	5.8	12
71	Impairment of body mass reduction-associated activation of brown/beige adipose tissue in patients with type 2 diabetes mellitus. <i>International Journal of Obesity</i> , <b>2017</b> , 41, 1662-1668	5.5	12
70	Incidence of Diabetes Mellitus, Cardiovascular Diseases, and Cancer in Patients Undergoing Malabsorptive Surgery (Biliopancreatic Diversion and Biliointestinal Bypass) vs Medical Treatment. <i>Obesity Surgery</i> , <b>2019</b> , 29, 935-942	3.7	12
69	The potential role of the osteopontin-osteocalcin-osteoprotegerin triad in the pathogenesis of prediabetes in humans. <i>Acta Diabetologica</i> , <b>2018</b> , 55, 139-148	3.9	12
68	Antitumorigenic and antiinsulinogenic effects of calcitriol on insulinoma cells and solid beta-cell tumors. <i>Endocrinology</i> , <b>2002</b> , 143, 4018-30	4.8	11

67	Insulin-secreting pituitary GH3 cells: a potential beta-cell surrogate for diabetes cell therapy. <i>Cell Transplantation</i> , <b>2000</b> , 9, 841-51	4	11
66	Evidence for the involvement of phosphatidylinositol 3-kinase in fMLP-stimulated neutrophil adhesion to ICAM-1-transfected cells. <i>Journal of Cardiovascular Pharmacology</i> , <b>2001</b> , 37, 751-61	3.1	11
65	Heterogeneity of proliferative markers in pancreatic $\beta$ cells of patients with severe hypoglycemia following Roux-en-Y gastric bypass. <i>Acta Diabetologica</i> , <b>2017</b> , 54, 737-747	3.9	10
64	Islet-Derived eATP Fuels Autoreactive CD8 T Cells and Facilitates the Onset of Type 1 Diabetes. <i>Diabetes</i> , <b>2018</b> , 67, 2038-2053	0.9	10
63	A combination of PPAR-gamma agonists and HMG CoA reductase inhibitors (statins) as a new therapy for the conservative treatment of AAS (aortic aneurysm syndromes). <i>Medical Hypotheses</i> , <b>2009</b> , 73, 614-8	3.8	10
62	The combination of linagliptin, metformin and lifestyle modification to prevent type 2 diabetes (PRELLIM). A randomized clinical trial. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 104, 154054	12.7	10
61	Spinal epidural abscess: treatment options. <i>European Neurology</i> , <b>1998</b> , 40, 58-60	2.1	10
60	Long-lasting remission of type 1 diabetes following treatment with topiramate for generalized seizures. <i>Acta Diabetologica</i> , <b>2012</b> , 49, 75-9	3.9	9
59	Potential use of exenatide for the treatment of obesity. <i>Expert Opinion on Investigational Drugs</i> , <b>2011</b> , 20, 1717-22	5.9	9
58	Stiff man syndrome, 40 years later. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>1998</b> , 65, 618	5.5	9
57	The mitochondrial Italian Human Proteome Project initiative (mt-HPP). <i>Molecular BioSystems</i> , <b>2013</b> , 9, 1984-92		8
56	REL-1017 (Esmethadone) as Adjunctive Treatment in Patients With Major Depressive Disorder: A Phase 2a Randomized Double-Blind Trial.. <i>American Journal of Psychiatry</i> , <b>2021</b> , appiajp202121020197	11.9	8
55	Exenatide regulates pancreatic islet integrity and insulin sensitivity in the nonhuman primate baboon <i>Papio hamadryas</i> . <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	8
54	Central GIP signaling stimulates peripheral GIP release and promotes insulin and pancreatic polypeptide secretion in nonhuman primates. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 311, E661-E670	6	7
53	Paraneoplastic insulin resistance syndrome in advanced aggressive fibromatosis (desmoid tumor) treated by imatinib mesylate. <i>Diabetes Care</i> , <b>2006</b> , 29, 2178-80	14.6	7
52	Autoantibodies to amphiphysin I and amphiphysin II in a patient with sensory-motor neuropathy. <i>European Neurology</i> , <b>2002</b> , 47, 196-200	2.1	7
51	Bariatric surgery, compared to medical treatment, reduces morbidity at all ages but does not reduce mortality in patients aged . <i>Acta Diabetologica</i> , <b>2020</b> , 57, 323-333	3.9	7
50	Blood pressure control in type 2 diabetes mellitus with arterial hypertension. The important ancillary role of SGLT2-inhibitors and GLP1-receptor agonists. <i>Pharmacological Research</i> , <b>2020</b> , 160, 105052	10.2	6

49	Patients' Expectations are Important for Success in Bariatric Surgery. <i>Obesity Surgery</i> , <b>2017</b> , 27, 2469-2470	3.7	6
48	Islet amyloid polypeptide response to maximal hyperglycemia and arginine is altered in impaired glucose tolerance and type 2 diabetes mellitus. <i>Acta Diabetologica</i> , <b>2017</b> , 54, 53-61	3.9	6
47	Development and characterization of pituitary GH3 cell clones stably transfected with a human proinsulin cDNA. <i>Cell Transplantation</i> , <b>2000</b> , 9, 829-40	4	6
46	Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , <b>2021</b> , 114, 154416	12.7	6
45	Pancreatic $\beta$ cell dysfunction in normoglycemic patients and risk factors. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 1305-1314	3.9	5
44	Is blood glucose or obesity responsible for the bad prognosis of COVID-19 in obesity - diabetes?. <i>Diabetes Research and Clinical Practice</i> , <b>2020</b> , 167, 108342	7.4	5
43	High plasma renin activity associates with obesity-related diabetes and arterial hypertension, and predicts persistent hypertension after bariatric surgery. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 118	8.7	5
42	Autoantibodies against a 72-kDa ductal cell membrane glycoprotein in a patient affected by Sjögren's syndrome and gastric MALT lymphoma. <i>Annals of Hematology</i> , <b>2002</b> , 81, 597-602	3	4
41	Effects of Carboxypeptidase E Overexpression on Insulin mRNA Levels, Regulated Insulin Secretion, and Proinsulin Processing of Pituitary GH3 Cells Transfected with a Furin-Cleavable Human Proinsulin cDNA. <i>Cell Transplantation</i> , <b>2002</b> , 11, 803-811	4	4
40	Effect of T3 on insulin action, insulin binding, and insulin receptor kinase activity in primary cultures of rat hepatocytes. <i>Hormone and Metabolic Research</i> , <b>1988</b> , 20, 327-32	3.1	4
39	Time course of the Bioelectrical Impedance Vector Analysis and muscular ultrasound in critically ill patients.. <i>Journal of Critical Care</i> , <b>2021</b> , 68, 89-95	4	4
38	Physical activity as a proxy to ameliorate inflammation in patients with type 2 diabetes and periodontal disease at high cardiovascular risk. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 2199-2209	4.5	4
37	Duodenal adipose tissue is associated with obesity in baboons ( <i>Papio</i> sp): a novel site of ectopic fat deposition in non-human primates. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 227-236	3.9	3
36	Early varicocele surgery by percutaneous scleroembolization improves seminiferous tubules spermatozoa release in the adolescent phase of testicular growth. <i>Andrologia</i> , <b>2019</b> , 51, e13286	2.4	3
35	Medical therapy of aortic aneurysms: a pathophysiology-based approach. <i>Current Vascular Pharmacology</i> , <b>2011</b> , 9, 572-84	3.3	3
34	Morphological and functional differences in haemostatic axis between kidney transplanted and end-stage renal disease patients. <i>Transplant International</i> , <b>2005</b> , 18, 1036-47	3	3
33	Plasma leptin levels and coronary heart disease. <i>Circulation</i> , <b>2002</b> , 106, e42; author reply e42	16.7	3
32	REL-1017 (Esmethadone) Increases Circulating BDNF Levels in Healthy Subjects of a Phase 1 Clinical Study. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 671859	5.6	3

31	Effect of pioglitazone treatment on brown adipose tissue volume and activity and hypothalamic gliosis in patients with type 2 diabetes mellitus: a proof-of-concept study. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 1333-1339	3.9	2
30	Paraneoplastic autoimmune xerostomia. <i>Annals of Internal Medicine</i> , <b>1997</b> , 127, 167-8	8	2
29	Placental proteome abnormalities in women with gestational diabetes and large-for-gestational-age newborns. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	2
28	Stiff-Man Syndrome <b>2014</b> , 1465-1477		2
27	Effect of linagliptin on glucose metabolism and pancreatic beta cell function in patients with persistent prediabetes after metformin and lifestyle. <i>Scientific Reports</i> , <b>2021</b> , 11, 8750	4.9	2
26	A 9 years comparison of weight loss, disappearance of obesity, and resolution of diabetes mellitus with biliointestinal bypass and with adjustable gastric banding: experience of a collaborative network. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 163-169	3.9	2
25	Erythrocytosis in a patient with chronic obstructive pulmonary disease. <i>Haematologica</i> , <b>1998</b> , 83, 183-6	6.6	2
24	Membranous nephropathy and cerebellar degeneration with anti-GAD antibodies in type 2 diabetes mellitus. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 897-903	3.9	1
23	Advanced Age and Success of Bariatric Surgery. <i>Obesity Surgery</i> , <b>2018</b> , 28, 2053	3.7	1
22	In vivo and in vitro studies of vanadate in human and rodent diabetes mellitus <b>1995</b> , 217-231		1
21	Obesity Is Strongly Associated With Low Testosterone and Reduced Penis Growth During Development. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 3151-3159	5.6	1
20	Biliopancreatic Diversion (BPD), Long Common Limb Revisional Biliopancreatic Diversion (BPD + LCL-R), Roux-en-Y Gastric Bypass [RYGB] and Sleeve Gastrectomy (SG) mediate differential quantitative changes in body weight and qualitative modifications in body composition: a 5-year	3.9	1
19	Effects of carboxypeptidase E overexpression on insulin mRNA levels, regulated insulin secretion, and proinsulin processing of pituitary GH3 cells transfected with a furin-cleavable human proinsulin cDNA. <i>Cell Transplantation</i> , <b>2002</b> , 11, 803-11	4	1
18	Papio spp. Colon microbiome and its link to obesity in pregnancy. <i>Journal of Medical Primatology</i> , <b>2018</b> , 47, 393-401	0.7	0
17	The IGFBP3/TMEM219 pathway regulates beta cell homeostasis.. <i>Nature Communications</i> , <b>2022</b> , 13, 684	17.4	0
16	CA.ME.LI.A. An epidemiological study on the prevalence of Cardiovascular, MEtabolic, Llver and Autoimmune diseases in Northern Italy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2021</b> , 31, 1416-1426	4.5	0
15	REL-1017 (Esmethadone), A Novel NMDAR Blocker for the Treatment of MDD is Not Neurotoxic in Sprague-Dawley Rats.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 863959	5.6	0
14	More on Patients Expectations and Success with Bariatric Surgery. <i>Obesity Surgery</i> , <b>2018</b> , 28, 1147	3.7	

- 13 Pilot survey of norovirus in Northern Italy: an example of surveillance of norovirus gastroenteritis. *Epidemiology and Infection*, **2018**, 146, 291-296 4.3
- 12 A probabilistic method for computing quantitative risk indexes from medical injuries compensation claims. *Methods of Information in Medicine*, **2013**, 52, 374-81 1.5
- 11 Changes in lipid levels with percent of weight loss in morbid obesity. *Obesity Surgery*, **2001**, 11, 649-50 3.7
- 10 Autoantibodies Against the Glial Glutamate Transporter GLT1/EAAT2 in Type 1 Diabetes Mellitus. Clues to novel immunological and non-immunological therapies.. *Pharmacological Research*, **2022**, 177, 106130 10.2
- 9 Stiff-Man Syndrome: Pathogenetic, Nosological and Therapeutic Considerations **2002**, 124-135
- 8 The Endocrine Pancreas. *Endocrinology*, **2018**, 423-454 0.1
- 7 1393-P: Alterations in the Placental Proteome in Gestational Diabetes. *Diabetes*, **2019**, 68, 1393-P 0.9
- 6 Autoantibodies directed against GABA-ergic synapses in a second case of stiff-man syndrome and epilepsy **1990**, 415-422
- 5 The Endocrine Pancreas. *Endocrinology*, **2016**, 1-32 0.1
- 4 The Baboon as a Primate Model To Study the Physiology and Metabolic Effects of Exercise **2012**, 147-161
- 3 367-P: Cardiovascular Risk Categories in Patients with Diabetes According to 2019 ESC/EASD Guidelines in Clinical Practice: Use of a Dedicated App (AWARE). *Diabetes*, **2021**, 70, 367-P 0.9
- 2 Reply to letter to the editor by Bonaventura et al. *Acta Diabetologica*, **2020**, 57, 111-112 3.9
- 1 Extramedullary myeloid cell tumor/granulocytic sarcoma with predilection for serosal surfaces. *Haematologica*, **2002**, 87, ECR09 6.6