

# Franco Folli

## List of Publications by Year in descending order

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227  
papers

20,701  
citations

13854

67  
h-index

10152

140  
g-index

231  
all docs

231  
docs citations

231  
times ranked

19517  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2005, 366, 1279-1289.	6.3	3,840
2	Identification of the 64K autoantigen in insulin-dependent diabetes as the GABA-synthesizing enzyme glutamic acid decarboxylase. <i>Nature</i> , 1990, 347, 151-156.	13.7	1,675
3	Autoantibodies to GABA-ergic Neurons and Pancreatic Beta Cells in Stiff-Man Syndrome. <i>New England Journal of Medicine</i> , 1990, 322, 1555-1560.	13.9	684
4	Hyperglycemia-induced Oxidative Stress and its Role in Diabetes Mellitus Related Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , 2013, 19, 5695-5703.	0.9	566
5	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> , 1988, 318, 1012-1020.	13.9	524
6	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> , 1997, 100, 2158-2169.	3.9	392
7	The Effect of Pioglitazone on Recurrent Myocardial Infarction in 2,445 Patients With Type 2 Diabetes and Previous Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1772-1780.	1.2	383
8	Cross-talk between the insulin and angiotensin signaling systems.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 12490-12495.	3.3	363
9	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> , 1991, 10, 1275-1284.	3.5	350
10	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> , 2009, 32, 1542-1546.	4.3	341
11	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> , 1993, 328, 546-551.	13.9	327
12	The synaptic vesicle-associated protein amphiphysin is the 128-kD autoantigen of Stiff-Man syndrome with breast cancer.. <i>Journal of Experimental Medicine</i> , 1993, 178, 2219-2223.	4.2	313
13	High Glucose Causes Apoptosis in Cultured Human Pancreatic Islets of Langerhans. <i>Diabetes</i> , 2001, 50, 1290-1301.	0.3	296
14	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> , 1999, 29, 1743-1751.	3.6	293
15	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> , 2011, 7, 313-324.	0.6	293
16	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> , 1993, 92, 2065-2072.	3.9	293
17	Pioglitazone Use and Heart Failure in Patients With Type 2 Diabetes and Preexisting Cardiovascular Disease. <i>Diabetes Care</i> , 2007, 30, 2773-2778.	4.3	266
18	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. <i>Nature Metabolism</i> , 2021, 3, 774-785.	5.1	259

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19	Insulin stimulation of phosphatidylinositol 3-kinase activity and association with insulin receptor substrate 1 in liver and muscle of the intact rat.. Journal of Biological Chemistry, 1992, 267, 22171-22177.	1.6	225
20	TLR4 at the Crossroads of Nutrients, Gut Microbiota, and Metabolic Inflammation. Endocrine Reviews, 2015, 36, 245-271.	8.9	212
21	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. Acta Diabetologica, 2014, 51, 123-131.	1.2	211
22	Regulation of phosphatidylinositol 3-kinase activity in liver and muscle of animal models of insulin-resistant and insulin-deficient diabetes mellitus.. Journal of Clinical Investigation, 1993, 92, 1787-1794.	3.9	203
23	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. Diabetes Care, 2020, 43, 2999-3006.	4.3	201
24	Insulin stimulation of phosphatidylinositol 3-kinase activity and association with insulin receptor substrate 1 in liver and muscle of the intact rat. Journal of Biological Chemistry, 1992, 267, 22171-7.	1.6	175
25	Estrogens stimulate proliferation of intrahepatic biliary epithelium in rats. Gastroenterology, 2000, 119, 1681-1691.	0.6	169
26	Regulation of insulin signalling by hyperinsulinaemia: role of IRS-1/2 serine phosphorylation and the mTOR/p70 S6K pathway. Diabetologia, 2005, 48, 506-518.	2.9	163
27	Islet Transplantation Is Associated with Improvement of Renal Function among Uremic Patients with Type I Diabetes Mellitus and Kidney Transplants. Journal of the American Society of Nephrology: JASN, 2003, 14, 2150-2158.	3.0	161
28	Laparoscopic Adjustable Gastric Banding for the Treatment of Morbid (Grade 3) Obesity and its Metabolic Complications: A Three-Year Study. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3555-3561.	1.8	160
29	In vivo and in vitro studies of vanadate in human and rodent diabetes mellitus. Molecular and Cellular Biochemistry, 1995, 153, 217-231.	1.4	158
30	Pancreatic islet amyloidosis, $\beta$ 2-cell apoptosis, and $\beta$ 1-cell proliferation are determinants of islet remodeling in type-2 diabetic baboons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13992-13997.	3.3	147
31	Metabolic effects of sodium metavanadate in humans with insulin- dependent and noninsulin-dependent diabetes mellitus in vivo and in vitro studies. Journal of Clinical Endocrinology and Metabolism, 1995, 80, 3311-3320.	1.8	145
32	Long-Term Beneficial Effect of Islet Transplantation on Diabetic Macro-/Microangiopathy in Type 1 Diabetic Kidney-Transplanted Patients. Diabetes Care, 2003, 26, 1129-1136.	4.3	143
33	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. EMBO Journal, 1991, 10, 1275-84.	3.5	143
34	Post-surgery Adherence to Scheduled Visits and Compliance, More than Personality Disorders, Predict Outcome of Bariatric Restrictive Surgery in Morbidly Obese Patients. Obesity Surgery, 2007, 17, 1492-1497.	1.1	138
35	Insulin receptor substrate-1 (IRS-1) distribution in the rat central nervous system. Journal of Neuroscience, 1994, 14, 6412-6422.	1.7	133
36	TIMP3 Is Reduced in Atherosclerotic Plaques From Subjects With Type 2 Diabetes and Increased by SirT1. Diabetes, 2009, 58, 2396-2401.	0.3	132

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37	High Energy Density (HED) Biaxially-Oriented Poly-Propylene (BOPP) Capacitors For Pulse Power Applications. IEEE Transactions on Magnetics, 2007, 43, 223-225.	1.2	130
38	Crosstalk between insulin and angiotensin II signalling systems. Experimental and Clinical Endocrinology and Diabetes, 1999, 107, 133-139.	0.6	129
39	Laparoscopic Gastric Banding Prevents Type 2 Diabetes and Arterial Hypertension and Induces Their Remission in Morbid Obesity: A 4-year case-controlled study. Diabetes Care, 2005, 28, 2703-2709.	4.3	128
40	Deleterious action of FA metabolites on ATP synthesis: possible link between lipotoxicity, mitochondrial dysfunction, and insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E678-E685.	1.8	117
41	Islet Transplantation Is Associated With an Improvement of Cardiovascular Function in Type 1 Diabetic Kidney Transplant Patients. Diabetes Care, 2005, 28, 1358-1365.	4.3	115
42	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. Diabetes, 2004, 53, 1905-1910.	0.3	110
43	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. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4087-4093.	1.8	110
44	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
45	Tissue Inhibitor of Metalloproteinase 3 Deficiency Causes Hepatic Steatosis and Adipose Tissue Inflammation in Mice. Gastroenterology, 2009, 136, 663-672.e4.	0.6	103
46	Intracellular pathways mediating estrogen-induced cholangiocyte proliferation in the rat. Hepatology, 2002, 36, 297-304.	3.6	101
47	State of the art paper The role of nateglinide and repaglinide, derivatives of meglitinide, in the treatment of type 2 diabetes mellitus. Archives of Medical Science, 2013, 5, 936-943.	0.4	100
48	Vitamin D, sub-inflammation and insulin resistance. A window on a potential role for the interaction between bone and glucose metabolism. Reviews in Endocrine and Metabolic Disorders, 2017, 18, 243-258.	2.6	100
49	Sclerostin and Insulin Resistance in Prediabetes: Evidence of a Cross Talk Between Bone and Glucose Metabolism. Diabetes Care, 2015, 38, 1509-1517.	4.3	99
50	Islet transplantation improves vascular diabetic complications in patients with diabetes who underwent kidney transplantation: a comparison between kidney-pancreas and kidney-alone transplantation. Transplantation, 2003, 75, 1296-1301.	0.5	98
51	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. Diabetes Care, 2005, 28, 1303-1310.	4.3	98
52	The multi-faceted cross-talk between the insulin and angiotensin II signaling systems. Diabetes/Metabolism Research and Reviews, 2006, 22, 98-107.	1.7	95
53	Plasmapheresis in the Treatment of Stiff-Man Syndrome. New England Journal of Medicine, 1989, 320, 1499-1499.	13.9	93
54	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. Diabetologia, 2009, 52, 2169-2181.	2.9	87

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55	The Insulin Receptor and Its Substrate: Molecular Determinants of Early Events in Insulin Action. , 1993, 48, 291-339.		86
56	Nitric Oxide Inhibits Thrombin Receptor-activating Peptide-induced Phosphoinositide 3-Kinase Activity in Human Platelets. Journal of Biological Chemistry, 1999, 274, 14368-14375.	1.6	80
57	C-174G Polymorphism in the Promoter of the Interleukin-6 Gene Is Associated With Insulin Resistance. Diabetes Care, 2005, 28, 2007-2012.	4.3	78
58	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNF $\alpha$ . Journal of Cellular Physiology, 2002, 190, 251-258.	2.0	77
59	Bariatric surgery and bone disease: from clinical perspective to molecular insights. International Journal of Obesity, 2012, 36, 1373-1379.	1.6	77
60	Effect of acute physiological hyperinsulinemia on gene expression in human skeletal muscle in vivo. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E910-E917.	1.8	76
61	The Crosstalk Between Insulin and Renin-Angiotensin-Aldosterone Signaling Systems and its Effect on Glucose Metabolism and Diabetes Prevention. Current Vascular Pharmacology, 2008, 6, 301-312.	0.8	76
62	Altered Insulin Receptor Signalling and $\beta$ -Cell Cycle Dynamics in Type 2 Diabetes Mellitus. PLoS ONE, 2011, 6, e28050.	1.1	76
63	The early intracellular signaling pathway for the insulin/insulin-like growth factor receptor family in the mammalian central nervous system. Molecular Neurobiology, 1996, 13, 155-183.	1.9	75
64	Acute promyelocytic leukemia following mitoxantrone as single agent for the treatment of multiple sclerosis. Leukemia, 1998, 12, 441-442.	3.3	75
65	Physiological and Molecular Determinants of Insulin Action in the Baboon. Diabetes, 2008, 57, 899-908.	0.3	75
66	Increased levels of the Akt-specific phosphatase PH domain leucine-rich repeat protein phosphatase (PHLPP)-1 in obese participants are associated with insulin resistance. Diabetologia, 2011, 54, 1879-1887.	2.9	73
67	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. Obesity Surgery, 2002, 12, 648-651.	1.1	71
68	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. Diabetologia, 2013, 56, 2153-2163.	2.9	71
69	Interaction between Leptin and Insulin Signaling Pathways Differentially Affects JAK-STAT and PI 3-Kinase-Mediated Signaling in Rat Liver. Biological Chemistry, 2003, 384, 151-9.	1.2	69
70	Weight Loss Through Gastric Banding: Effects on TSH and Thyroid Hormones in Obese Subjects With Normal Thyroid Function. Obesity, 2010, 18, 854-857.	1.5	66
71	Asymptomatic Hyperinsulinemic Hypoglycemia after Gastric Banding. New England Journal of Medicine, 2005, 353, 2822-2823.	13.9	65
72	The Glial Glutamate Transporter 1 (GLT1) Is Expressed by Pancreatic $\beta$ -Cells and Prevents Glutamate-induced $\beta$ -Cell Death. Journal of Biological Chemistry, 2011, 286, 14007-14018.	1.6	64

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73	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> , 2002, 87, 3555-3561.	1.8	64
74	Circulating IGF-I and IGFBP3 Levels Control Human Colonic Stem Cell Function and Are Disrupted in Diabetic Enteropathy. <i>Cell Stem Cell</i> , 2015, 17, 486-498.	5.2	60
75	Proteomics Reveals Novel Oxidative and Glycolytic Mechanisms in Type 1 Diabetic Patients' Skin Which Are Normalized by Kidney-Pancreas Transplantation. <i>PLoS ONE</i> , 2010, 5, e9923.	1.1	60
76	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> , 1994, 8, 545-557.	3.7	58
77	Neurotransmitter-hormonal responses to psychological stress in peripubertal subjects: Relationship to aggressive behavior. <i>Life Sciences</i> , 1998, 62, 617-625.	2.0	58
78	Chronic hyperglycemia impairs insulin secretion by affecting insulin receptor expression, splicing, and signaling in RIN 129 cell line and human islets of Langerhans. <i>FASEB Journal</i> , 2003, 17, 1340-1342.	0.2	58
79	Alfa and beta estrogen receptors and the biliary tree. <i>Molecular and Cellular Endocrinology</i> , 2002, 193, 105-108.	1.6	57
80	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> , 2009, 19, 110-114.	1.1	55
81	Multiple target tissue effects of GLP-1 analogues on non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH). <i>Pharmacological Research</i> , 2018, 137, 219-229.	3.1	54
82	White Blood Cells in Obesity and Diabetes: Effects of weight loss and normalization of glucose metabolism. <i>Diabetes Care</i> , 2004, 27, 2501-2502.	4.3	52
83	Insulin and dexamethasone regulate insulin receptors, insulin receptor substrate-1, and phosphatidylinositol 3-kinase in Fao hepatoma cells.. <i>Endocrinology</i> , 1995, 136, 1579-1588.	1.4	51
84	The GLP-1 receptor agonists exenatide and liraglutide activate Glucose transport by an AMPK-dependent mechanism. <i>Journal of Translational Medicine</i> , 2016, 14, 229.	1.8	51
85	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> , 2009, 19, 745-750.	1.1	50
86	Human Stiff-Person Syndrome IgG Induces Anxious Behavior in Rats. <i>PLoS ONE</i> , 2011, 6, e16775.	1.1	50
87	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> , 2009, 8, 37.	2.7	49
88	Regulation of ERK/JNK/p70S6K in two rat models of liver injury and fibrosis. <i>Journal of Hepatology</i> , 2003, 39, 528-537.	1.8	48
89	The potential role of glutamate in the current diabetes epidemic. <i>Acta Diabetologica</i> , 2012, 49, 167-183.	1.2	48
90	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> , 2010, 95, 422-429.	1.8	46

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91	Regulation of endocytic-transcytotic pathways and bile secretion by phosphatidylinositol 3-kinase in rats. <i>Gastroenterology</i> , 1997, 113, 954-965.	0.6	45
92	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> , 2022, 179, 122-131.	4.0	44
93	Effects of Weight Loss in Metabolically Healthy Obese Subjects after Laparoscopic Adjustable Gastric Banding and Hypocaloric Diet. <i>PLoS ONE</i> , 2011, 6, e17737.	1.1	43
94	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> , 2013, 8, e73651.	1.1	43
95	Further Evidence for Amyloid Deposition in Clinical Pancreatic Islet Grafts. <i>Transplantation</i> , 2012, 93, 219-223.	0.5	42
96	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> , 2005, 90, 5064-5069.	1.8	40
97	Distinct regulation of hypothalamic and brown/beige adipose tissue activities in human obesity. <i>International Journal of Obesity</i> , 2015, 39, 1515-1522.	1.6	40
98	Pancreatic islet of Langerhans' cytoarchitecture and ultrastructure in normal glucose tolerance and in type 2 diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 137-144.	2.2	40
99	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> , 2018, 17, 161.	2.7	40
100	Glutathione redox potential is low and glutathionylated and cysteinylated hemoglobin levels are elevated in maintenance hemodialysis patients. <i>Translational Research</i> , 2013, 162, 16-25.	2.2	39
101	Islet Transplantation Stabilizes Hemostatic Abnormalities and Cerebral Metabolism in Individuals With Type 1 Diabetes. <i>Diabetes Care</i> , 2014, 37, 267-276.	4.3	39
102	Helminth infection in mice improves insulin sensitivity via modulation of gut microbiota and fatty acid metabolism. <i>Pharmacological Research</i> , 2018, 132, 33-46.	3.1	38
103	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> , 1994, 8, 545-557.	3.7	38
104	Neurotransmitters and Neuropeptides: New Players in the Control of Islet of Langerhans' Cell Mass and Function. <i>Journal of Cellular Physiology</i> , 2016, 231, 756-767.	2.0	37
105	Increased $\beta$ -Cell Workload Modulates Proinsulin-to-Insulin Ratio in Humans. <i>Diabetes</i> , 2018, 67, 2389-2396.	0.3	37
106	Insulin Resistance and Endothelial Dysfunction: A Mutual Relationship in Cardiometabolic Risk. <i>Current Pharmaceutical Design</i> , 2013, 19, 2420-2431.	0.9	37
107	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> , 2009, 296, E758-E764.	1.8	36
108	Bariatric surgery in obesity: Changes of glucose and lipid metabolism correlate with changes of fat mass. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 198-204.	1.1	36



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109	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> , 2009, 8, 22.	2.7	34
110	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> , 2020, 160, 105052.	3.1	34
111	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> , 2015, 58, 1814-1826.	2.9	33
112	Coordinated Defects in Hepatic Long Chain Fatty Acid Metabolism and Triglyceride Accumulation Contribute to Insulin Resistance in Non-Human Primates. <i>PLoS ONE</i> , 2011, 6, e27617.	1.1	33
113	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> , 2006, 29, 2735-2738.	4.3	32
114	Impact of Tobacco Smoking on Lipid Metabolism, Body Weight and Cardiometabolic Risk. <i>Current Pharmaceutical Design</i> , 2010, 16, 2526-2530.	0.9	32
115	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> , 1998, 40, 96-102.	1.8	31
116	P2X7R mutation disrupts the NLRP3-mediated Th program and predicts poor cardiac allograft outcomes. <i>Journal of Clinical Investigation</i> , 2018, 128, 3490-3503.	3.9	31
117	Molecular Determinants of Insulin Action. <i>Hormone Research</i> , 1993, 39, 93-101.	1.8	30
118	Pioglitazone treatment increases food intake and decreases energy expenditure partially via hypothalamic adiponectin/adipoR1/AMPK pathway. <i>International Journal of Obesity</i> , 2016, 40, 138-146.	1.6	29
119	Insulin receptor/IRS-1/PI 3-kinase signaling system in corticosteroid-induced insulin resistance. <i>Acta Diabetologica</i> , 1996, 33, 185-192.	1.2	26
120	Impact of obesity severity and duration on pancreatic $\beta^2$ - and $\beta^1$ -cell dynamics in normoglycemic non-human primates. <i>International Journal of Obesity</i> , 2013, 37, 1071-1078.	1.6	25
121	Hypoglycemia and hyperglycemia are risk factors for falls in the hospital population. <i>Acta Diabetologica</i> , 2019, 56, 931-938.	1.2	25
122	Metabolic Aspects of Bariatric Surgery. <i>Medical Clinics of North America</i> , 2007, 91, 393-414.	1.1	24
123	Disproportionate Hyperproinsulinemia, $\beta^2$ -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> , 2008, 17, 1323-1336.	1.2	24
124	Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154416.	1.5	23
125	Insulin resistance in uremia: In vitro model in the rat liver using human serum to study mechanisms. <i>Metabolism: Clinical and Experimental</i> , 1986, 35, 989-998.	1.5	22
126	Apoptotic/mytogenic pathways during human heart development. <i>International Journal of Cardiology</i> , 2004, 96, 409-417.	0.8	22



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127	PET evidence of central GABAergic changes in stiff-person syndrome. <i>Movement Disorders</i> , 2007, 22, 1030-1033.	2.2	22
128	Ectopic Fat Storage, Insulin Resistance, and Hypertension. <i>Current Pharmaceutical Design</i> , 2011, 17, 3074-3080.	0.9	22
129	Increased Airway Reactivity and Hyperinsulinemia in Obese Mice Are Linked by ERK Signaling in Brain Stem Cholinergic Neurons. <i>Cell Reports</i> , 2015, 11, 934-943.	2.9	22
130	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> , 2009, 19, 80-86.	1.1	21
131	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> , 1983, 115, 375-382.	1.0	20
132	Deranged platelet calcium homeostasis in diabetic patients with end-stage renal failure: A possible link to increased cardiovascular mortality?. <i>Diabetes Care</i> , 1996, 19, 1062-1066.	4.3	20
133	Normalization of Multiple Hemostatic Abnormalities in Uremic Type 1 Diabetic Patients After Kidney-Pancreas Transplantation. <i>Diabetes</i> , 2004, 53, 2291-2300.	0.3	20
134	Morphological and Ultrastructural Features of Human Islet Grafts Performed in Diabetic Nude Mice. <i>Ultrastructural Pathology</i> , 2005, 29, 525-533.	0.4	20
135	Spontaneous pathology of the baboon endocrine system. <i>Journal of Medical Primatology</i> , 2009, 38, 383-389.	0.3	20
136	Prognostic impact of electrocardiographic signs in patients with Type 2 diabetes and cardiovascular disease: results from the PROactive study. <i>Diabetic Medicine</i> , 2011, 28, 1206-1212.	1.2	20
137	The ontogeny of the endocrine pancreas in the fetal/newborn baboon. <i>Journal of Endocrinology</i> , 2012, 214, 289-299.	1.2	20
138	The combination of linagliptin, metformin and lifestyle modification to prevent type 2 diabetes (PRELLIM). A randomized clinical trial. <i>Metabolism: Clinical and Experimental</i> , 2020, 104, 154054.	1.5	20
139	Immunogenicity and Safety of SARS-CoV-2 mRNA Vaccines in a Cohort of Patients With Type 1 Diabetes. <i>Diabetes</i> , 2022, 71, 1800-1806.	0.3	20
140	Islet-Derived eATP Fuels Autoreactive CD8+ T Cells and Facilitates the Onset of Type 1 Diabetes. <i>Diabetes</i> , 2018, 67, 2038-2053.	0.3	17
141	REL-1017 (Esmethadone) Increases Circulating BDNF Levels in Healthy Subjects of a Phase 1 Clinical Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 671859.	1.6	17
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