Franco Folli

List of Publications by Year
in descending order

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227	20,701	13865	10158
papers	citations	67 h-index	140 g-index

231	231	231	19517
all docs	docs citations	times ranked	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. Lancet, The, 2005, 366, 1279-1289.	13.7	3,840
2	Identification of the 64K autoantigen in insulin-dependent diabetes as the GABA-synthesizing enzyme glutamic acid decarboxylase. Nature, 1990, 347, 151-156.	27.8	1,675
3	Autoantibodies to GABA-ergic Neurons and Pancreatic Beta Cells in Stiff-Man Syndrome. New England Journal of Medicine, 1990, 322, 1555-1560.	27.0	684
4	Hyperglycemia-induced Oxidative Stress and its Role in Diabetes Mellitus Related Cardiovascular Diseases. Current Pharmaceutical Design, 2013, 19, 5695-5703.	1.9	566
5	Autoantibodies to Glutamic Acid Decarboxylase in a Patient with Stiff-Man Syndrome, Epilepsy, and Type I Diabetes Mellitus. New England Journal of Medicine, 1988, 318, 1012-1020.	27.0	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.. Journal of Clinical Investigation, 1997, 100, 2158-2169.	8.2	392
7	The Effect of Pioglitazone on Recurrent Myocardial Infarction in 2,445 Patients With Type 2 Diabetes and Previous Myocardial Infarction. Journal of the American College of Cardiology, 2007, 49, 1772-1780.	2.8	383
8	Cross-talk between the insulin and angiotensin signaling systems.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 12490-12495.	7.1	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.. EMBO Journal, 1991, 10, 1275-1284.	7.8	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. Diabetes Care, 2009, 32, 1542-1546.	8.6	341
11	Autoantibodies to a 128-kd Synaptic Protein in Three Women with the Stiff-Man Syndrome and Breast Cancer. New England Journal of Medicine, 1993, 328, 546-551.	27.0	327
12	The synaptic vesicle-associated protein amphiphysin is the 128-kD autoantigen of Stiff-Man syndrome with breast cancer.. Journal of Experimental Medicine, 1993, 178, 2219-2223.	8.5	313
13	High Glucose Causes Apoptosis in Cultured Human Pancreatic Islets of Langerhans. Diabetes, 2001, 50, 1290-1301.	0.6	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. Hepatology, 1999, 29, 1743-1751.	7.3	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. Current Diabetes Reviews, 2011, 7, 313-324.	1.3	293
16	Modulation of insulin receptor, insulin receptor substrate-1, and phosphatidylinositol 3-kinase in liver and muscle of dexamethasone-treated rats.. Journal of Clinical Investigation, 1993, 92, 2065-2072.	8.2	293
17	Pioglitazone Use and Heart Failure in Patients With Type 2 Diabetes and Preexisting Cardiovascular Disease. Diabetes Care, 2007, 30, 2773-2778.	8.6	266
18	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. Nature Metabolism, 2021, 3, 774-785.	11.9	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.	3.4	225
20	TLR4 at the Crossroads of Nutrients, Gut Microbiota, and Metabolic Inflammation. Endocrine Reviews, 2015, 36, 245-271.	20.1	212
21	The inflammatory status score including IL-6, TNF-Î±, osteopontin, fractalkine, MCP-1 and adiponectin underlies whole-body insulin resistance and hyperglycemia in type 2 diabetes mellitus. Acta Diabetologica, 2014, 51, 123-131.	2.5	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.	8.2	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.	8.6	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.	3.4	175
25	Estrogens stimulate proliferation of intrahepatic biliary epithelium in rats. Gastroenterology, 2000, 119, 1681-1691.	1.3	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.	6.3	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.	6.1	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.	3.6	160
29	In vivo andin vitro studies of vanadate in human and rodent diabetes mellitus. Molecular and Cellular Biochemistry, 1995, 153, 217-231.	3.1	158
30	Pancreatic islet amyloidosis, Î²-cell apoptosis, and Î±-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.	7.1	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.	3.6	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.	8.6	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.	7.8	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.	2.1	138
35	Insulin receptor substrate-1 (IRS-1) distribution in the rat central nervous system. Journal of Neuroscience, 1994, 14, 6412-6422.	3.6	133
36	TIMP3 Is Reduced in Atherosclerotic Plaques From Subjects With Type 2 Diabetes and Increased by SirT1. Diabetes, 2009, 58, 2396-2401.	0.6	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.	2.1	130
38	Crosstalk between insulin and angiotensin II signalling systems. Experimental and Clinical Endocrinology and Diabetes, 1999, 107, 133-139.	1.2	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.	8.6	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.	3.5	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.	8.6	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.	0.6	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.	3.6	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.	0.6	108
45	Tissue Inhibitor of Metalloproteinase 3 Deficiency Causes Hepatic Steatosis and Adipose Tissue Inflammation in Mice. Gastroenterology, 2009, 136, 663-672.e4.	1.3	103
46	Intracellular pathways mediating estrogen-induced cholangiocyte proliferation in the rat. Hepatology, 2002, 36, 297-304.	7.3	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.	0.9	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.	5.7	100
49	Sclerostin and Insulin Resistance in Prediabetes: Evidence of a Cross Talk Between Bone and Glucose Metabolism. Diabetes Care, 2015, 38, 1509-1517.	8.6	99
50	Islet transplantation improves vascular diabetic complications in patients with diabetes who underwent kidney transplantation: a comparison between kidney-pancreas and kidney-alone transplantation1. Transplantation, 2003, 75, 1296-1301.	1.0	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.	8.6	98
52	The multi-faceted cross-talk between the insulin and angiotensin II signaling systems. Diabetes/Metabolism Research and Reviews, 2006, 22, 98-107.	4.0	95
53	Plasmapheresis in the Treatment of Stiff-Man Syndrome. New England Journal of Medicine, 1989, 320, 1499-1499.	27.0	93
54	Impaired regulation of the TNF-Î± 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.	6.3	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.	3.4	80
57	C-174G Polymorphism in the Promoter of the Interleukin-6 Gene Is Associated With Insulin Resistance. Diabetes Care, 2005, 28, 2007-2012.	8.6	78
58	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFÎ±. Journal of Cellular Physiology, 2002, 190, 251-258.	4.1	77
59	Bariatric surgery and bone disease: from clinical perspective to molecular insights. International Journal of Obesity, 2012, 36, 1373-1379.	3.4	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.	3.5	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.	1.7	76
62	Altered Insulin Receptor Signalling and Î²-Cell Cycle Dynamics in Type 2 Diabetes Mellitus. PLoS ONE, 2011, 6, e28050.	2.5	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.	4.0	75
64	Acute promyelocytic leukemia following mitoxantrone as single agent for the treatment of multiple sclerosis. Leukemia, 1998, 12, 441-442.	7.2	75
65	Physiological and Molecular Determinants of Insulin Action in the Baboon. Diabetes, 2008, 57, 899-908.	0.6	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.	6.3	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.	2.1	71
68	Pioglitazone improves glucose metabolism and modulates skeletal muscle TIMP-3â€“TACE dyad in type 2 diabetes mellitus: a randomised, double-blind, placebo-controlled, mechanistic study. Diabetologia, 2013, 56, 2153-2163.	6.3	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.	2.5	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.	3.0	66
71	Asymptomatic Hyperinsulinemic Hypoglycemia after Gastric Banding. New England Journal of Medicine, 2005, 353, 2822-2823.	27.0	65
72	The Glial Glutamate Transporter 1 (GLT1) Is Expressed by Pancreatic Î²-Cells and Prevents Glutamate-induced Î²-Cell Death. Journal of Biological Chemistry, 2011, 286, 14007-14018.	3.4	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. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3555-3561.	3.6	64
74	Circulating IGF-I and IGFBP3 Levels Control Human Colonic Stem Cell Function and Are Disrupted in Diabetic Enteropathy. Cell Stem Cell, 2015, 17, 486-498.	11.1	60
75	Proteomics Reveals Novel Oxidative and Glycolytic Mechanisms in Type 1 Diabetic Patients' Skin Which Are Normalized by Kidney-Pancreas Transplantation. PLoS ONE, 2010, 5, e9923.	2.5	60
76	Regulation of insulin receptor, insulin receptor substrate-1 and phosphatidylinositol 3-kinase in 3T3-F442A adipocytes. Effects of differentiation, insulin, and dexamethasone.. Molecular Endocrinology, 1994, 8, 545-557.	3.7	58
77	Neurotransmitter-hormonal responses to psychological stress in peripubertal subjects: Relationship to aggressive behavior. Life Sciences, 1998, 62, 617-625.	4.3	58
78	Chronic hyperglycemia impairs insulin secretion by affecting insulin receptor expression, splicing, and signaling in RIN Î²â€cell line and human islets of Langerhans. FASEB Journal, 2003, 17, 1340-1342.	0.5	58
79	Alfa and beta estrogen receptors and the biliary tree. Molecular and Cellular Endocrinology, 2002, 193, 105-108.	3.2	57
80	Effect of weight loss through laparoscopic gastric banding on blood pressure, plasma renin activity and aldosterone levels in morbid obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2009, 19, 110-114.	2.6	55
81	Multiple target tissue effects of GLP-1 analogues on non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH). Pharmacological Research, 2018, 137, 219-229.	7.1	54
82	White Blood Cells in Obesity and Diabetes: Effects of weight loss and normalization of glucose metabolism. Diabetes Care, 2004, 27, 2501-2502.	8.6	52
83	Insulin and dexamethasone regulate insulin receptors, insulin receptor substrate-1, and phosphatidylinositol 3-kinase in Fao hepatoma cells.. Endocrinology, 1995, 136, 1579-1588.	2.8	51
84	The GLP-1 receptor agonists exenatide and liraglutide activate Glucose transport by an AMPK-dependent mechanism. Journal of Translational Medicine, 2016, 14, 229.	4.4	51
85	In Morbid Obesity, Metabolic Abnormalities and Adhesion Molecules Correlate with Visceral Fat, Not with Subcutaneous Fat: Effect of Weight Loss Through Surgery. Obesity Surgery, 2009, 19, 745-750.	2.1	50
86	Human Stiff-Person Syndrome IgG Induces Anxious Behavior in Rats. PLoS ONE, 2011, 6, e16775.	2.5	50
87	Biliary pancreatic diversion and laparoscopic adjustable gastric banding in morbid obesity: their long-term effects on metabolic syndrome and on cardiovascular parameters. Cardiovascular Diabetology, 2009, 8, 37.	6.8	49
88	Regulation of ERK/JNK/p70S6K in two rat models of liver injury and fibrosis. Journal of Hepatology, 2003, 39, 528-537.	3.7	48
89	The potential role of glutamate in the current diabetes epidemic. Acta Diabetologica, 2012, 49, 167-183.	2.5	48
90	Effect of Short-Term Free Fatty Acids Elevation on Mitochondrial Function in Skeletal Muscle of Healthy Individuals. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 422-429.	3.6	46

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91	Regulation of endocytic-transcytotic pathways and bile secretion by phosphatidylinositol 3-kinase in rats. Gastroenterology, 1997, 113, 954-965.	1.3	45
92	REL-1017 (Esmethadone) as Adjunctive Treatment in Patients With Major Depressive Disorder: A Phase 2a Randomized Double-Blind Trial. American Journal of Psychiatry, 2022, 179, 122-131.	7.2	44
93	Effects of Weight Loss in Metabolically Healthy Obese Subjects after Laparoscopic Adjustable Gastric Banding and Hypocaloric Diet. PLoS ONE, 2011, 6, e17737.	2.5	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. PLoS ONE, 2013, 8, e73651.	2.5	43
95	Further Evidence for Amyloid Deposition in Clinical Pancreatic Islet Grafts. Transplantation, 2012, 93, 219-223.	1.0	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. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5064-5069.	3.6	40
97	Distinct regulation of hypothalamic and brown/beige adipose tissue activities in human obesity. International Journal of Obesity, 2015, 39, 1515-1522.	3.4	40
98	Pancreatic islet of Langerhans' cytoarchitecture and ultrastructure in normal glucose tolerance and in type 2 diabetes mellitus. Diabetes, Obesity and Metabolism, 2018, 20, 137-144.	4.4	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. Cardiovascular Diabetology, 2018, 17, 161.	6.8	40
100	Glutathione redox potential is low and glutathionylated and cysteinylated hemoglobin levels are elevated in maintenance hemodialysis patients. Translational Research, 2013, 162, 16-25.	5.0	39
101	Islet Transplantation Stabilizes Hemostatic Abnormalities and Cerebral Metabolism in Individuals With Type 1 Diabetes. Diabetes Care, 2014, 37, 267-276.	8.6	39
102	Helminth infection in mice improves insulin sensitivity via modulation of gut microbiota and fatty acid metabolism. Pharmacological Research, 2018, 132, 33-46.	7.1	38
103	Regulation of insulin receptor, insulin receptor substrate-1 and phosphatidylinositol 3-kinase in 3T3-F442A adipocytes. Effects of differentiation, insulin, and dexamethasone. Molecular Endocrinology, 1994, 8, 545-557.	3.7	38
104	Neurotransmitters and Neuropeptides: New Players in the Control of Islet of Langerhans' Cell Mass and Function. Journal of Cellular Physiology, 2016, 231, 756-767.	4.1	37
105	Increased Î²-Cell Workload Modulates Proinsulin-to-Insulin Ratio in Humans. Diabetes, 2018, 67, 2389-2396.	0.6	37
106	Insulin Resistance and Endothelial Dysfunction: A Mutual Relationship in Cardiometabolic Risk. Current Pharmaceutical Design, 2013, 19, 2420-2431.	1.9	37
107	Retinol-binding protein 4 is associated with impaired glucose tolerance but not with whole body or hepatic insulin resistance in Mexican Americans. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E758-E764.	3.5	36
108	Bariatric surgery in obesity: Changes of glucose and lipid metabolism correlate with changes of fat mass. Nutrition, Metabolism and Cardiovascular Diseases, 2009, 19, 198-204.	2.6	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. Cardiovascular Diabetology, 2009, 8, 22.	6.8	34
110	Blood pressure control in type 2 diabetes mellitus with arterial hypertension. The important ancillary role of SGLT2-inhibitors and GLP1-receptor agonists. Pharmacological Research, 2020, 160, 105052.	7.1	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, Papio hamadryas). Diabetologia, 2015, 58, 1814-1826.	6.3	33
112	Coordinated Defects in Hepatic Long Chain Fatty Acid Metabolism and Triglyceride Accumulation Contribute to Insulin Resistance in Non-Human Primates. PLoS ONE, 2011, 6, e27617.	2.5	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. Diabetes Care, 2006, 29, 2735-2738.	8.6	32
114	Impact of Tobacco Smoking on Lipid Metabolism, Body Weight and Cardiometabolic Risk. Current Pharmaceutical Design, 2010, 16, 2526-2530.	1.9	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. Cardiovascular Research, 1998, 40, 96-102.	3.8	31
116	P2X7R mutation disrupts the NLRP3-mediated Th program and predicts poor cardiac allograft outcomes. Journal of Clinical Investigation, 2018, 128, 3490-3503.	8.2	31
117	Molecular Determinants of Insulin Action. Hormone Research, 1993, 39, 93-101.	1.8	30
118	Pioglitazone treatment increases food intake and decreases energy expenditure partially via hypothalamic adiponectin/adipoR1/AMPK pathway. International Journal of Obesity, 2016, 40, 138-146.	3.4	29
119	Insulin receptor/IRS-1/PI 3-kinase signaling system in corticosteroid-induced insulin resistance. Acta Diabetologica, 1996, 33, 185-192.	2.5	26
120	Impact of obesity severity and duration on pancreatic Î²- and Î±-cell dynamics in normoglycemic non-human primates. International Journal of Obesity, 2013, 37, 1071-1078.	3.4	25
121	Hypoglycemia and hyperglycemia are risk factors for falls in the hospital population. Acta Diabetologica, 2019, 56, 931-938.	2.5	25
122	Metabolic Aspects of Bariatric Surgery. Medical Clinics of North America, 2007, 91, 393-414.	2.5	24
123	Disproportionate Hyperproinsulinemia, Î²-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. Cell Transplantation, 2008, 17, 1323-1336.	2.5	24
124	Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes. Metabolism: Clinical and Experimental, 2021, 114, 154416.	3.4	23
125	Insulin resistance in uremia: In vitro model in the rat liver using human serum to study mechanisms. Metabolism: Clinical and Experimental, 1986, 35, 989-998.	3.4	22
126	Apoptotic/mytogenic pathways during human heart development. International Journal of Cardiology, 2004, 96, 409-417.	1.7	22

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127	PET evidence of central GABAergic changes in stiff-person syndrome. Movement Disorders, 2007, 22, 1030-1033.	3.9	22
128	Ectopic Fat Storage, Insulin Resistance, and Hypertension. Current Pharmaceutical Design, 2011, 17, 3074-3080.	1.9	22
129	Increased Airway Reactivity and Hyperinsulinemia in Obese Mice Are Linked by ERK Signaling in Brain Stem Cholinergic Neurons. Cell Reports, 2015, 11, 934-943.	6.4	22
130	Elevated Concentrations of Liver Enzymes and Ferritin Identify a New Phenotype of Insulin Resistance: Effect of Weight Loss After Gastric Banding. Obesity Surgery, 2009, 19, 80-86.	2.1	21
131	Chemical mediator of insulin action stimulates lipid synthesis and down regulates the insulin receptors in primary cultures of rat hepatocytes. Biochemical and Biophysical Research Communications, 1983, 115, 375-382.	2.1	20
132	Deranged platelet calcium homeostasis in diabetic patients with end-stage renal failure: A possible link to increased cardiovascular mortality?. Diabetes Care, 1996, 19, 1062-1066.	8.6	20
133	Normalization of Multiple Hemostatic Abnormalities in Uremic Type 1 Diabetic Patients After Kidney-Pancreas Transplantation. Diabetes, 2004, 53, 2291-2300.	0.6	20
134	Morphological and Ultrastructural Features of Human Islet Grafts Performed in Diabetic Nude Mice. Ultrastructural Pathology, 2005, 29, 525-533.	0.9	20
135	Spontaneous pathology of the baboon endocrine system. Journal of Medical Primatology, 2009, 38, 383-389.	0.6	20
136	Prognostic impact of electrocardiographic signs in patients with Typeâ€ƒ2 diabetes and cardiovascular disease: results from the PROactive study. Diabetic Medicine, 2011, 28, 1206-1212.	2.3	20
137	The ontogeny of the endocrine pancreas in the fetal/newborn baboon. Journal of Endocrinology, 2012, 214, 289-299.	2.6	20
138	The combination of linagliptin, metformin and lifestyle modification to prevent type 2 diabetes (PRELLIM). A randomized clinical trial. Metabolism: Clinical and Experimental, 2020, 104, 154054.	3.4	20
139	Immunogenicity and Safety of SARS-CoV-2 mRNA Vaccines in a Cohort of Patients With Type 1 Diabetes. Diabetes, 2022, 71, 1800-1806.	0.6	20
140	Islet-Derived eATP Fuels Autoreactive CD8+ T Cells and Facilitates the Onset of Type 1 Diabetes. Diabetes, 2018, 67, 2038-2053.	0.6	17
141	REL-1017 (Esmethadone) Increases Circulating BDNF Levels in Healthy Subjects of a Phase 1 Clinical Study. Frontiers in Pharmacology, 2021, 12, 671859.	3.5	17
142	Platelet calcium homeostasis is abnormal in patients with severe arteriosclerosis.. Arteriosclerosis and Thrombosis: A Journal of Vascular Biology, 1994, 14, 1420-1424.	3.9	16
143	Increased carotid intima-media thickness in the physiologic range is associated with impaired postprandial glucose metabolism, insulin resistance and beta cell dysfunction. Atherosclerosis, 2013, 229, 277-281.	0.8	16
144	Dietary Intake of Proteins and Calories Is Inversely Associated With The Oxidation State of Plasma Thiols in End-Stage Renal Disease Patients. , 2015, 25, 494-503.		16

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145	Chronic Continuous Exenatide Infusion Does Not Cause Pancreatic Inflammation and Ductal Hyperplasia in Non-Human Primates. American Journal of Pathology, 2015, 185, 139-150.	3.8	16
146	The IGFBP3/TMEM219 pathway regulates beta cell homeostasis. Nature Communications, 2022, 13, 684.	12.8	16
147	Deranged Platelet Calcium Homeostasis in Poorly Controlled IDDM Patients. Diabetes Care, 1993, 16, 178-183.	8.6	15
148	Incidence of Diabetes Mellitus, Cardiovascular Diseases, and Cancer in Patients Undergoing Malabsorptive Surgery (Biliopancreatic Diversion and Biliointestinal Bypass) vs Medical Treatment. Obesity Surgery, 2019, 29, 935-942.	2.1	15
149	Exenatide regulates pancreatic islet integrity and insulin sensitivity in the nonhuman primate baboon Papio hamadryas. JCI Insight, 2019, 4, .	5.0	15
150	Potential use of exenatide for the treatment of obesity. Expert Opinion on Investigational Drugs, 2011, 20, 1717-1722.	4.1	14
151	The potential role of the osteopontinâ€“osteocalcinâ€“osteoprotegerin triad in the pathogenesis of prediabetes in humans. Acta Diabetologica, 2018, 55, 139-148.	2.5	14
152	Autoantibodies to Amphiphysin I and Amphiphysin II in a Patient with Sensory-Motor Neuropathy. European Neurology, 2002, 47, 196-200.	1.4	13
153	Heterogeneity of proliferative markers in pancreatic Î²-cells of patients with severe hypoglycemia following Roux-en-Y gastric bypass. Acta Diabetologica, 2017, 54, 737-747.	2.5	13
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