

Giovanni Pacini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4311066/publications.pdf>

Version: 2024-02-01

53
papers

4,452
citations

201674

27
h-index

168389

53
g-index

54
all docs

54
docs citations

54
times ranked

6055
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex and Gender Differences in Risk, Pathophysiology and Complications of Type 2 Diabetes Mellitus. <i>Endocrine Reviews</i> , 2016, 37, 278-316.	20.1	1,172
2	Nonalcoholic steatohepatitis, insulin resistance, and metabolic syndrome: Further evidence for an etiologic association. <i>Hepatology</i> , 2002, 35, 367-372.	7.3	644
3	MINMOD: a computer program to calculate insulin sensitivity and pancreatic responsivity from the frequently sampled intravenous glucose tolerance test. <i>Computer Methods and Programs in Biomedicine</i> , 1986, 23, 113-122.	4.7	622
4	Importance of quantifying insulin secretion in relation to insulin sensitivity to accurately assess beta cell function in clinical studies. <i>European Journal of Endocrinology</i> , 2004, 150, 97-104.	3.7	210
5	Insulinogenic indices from insulin and C-peptide: Comparison of beta-cell function from OGTT and IVGTT. <i>Diabetes Research and Clinical Practice</i> , 2006, 72, 298-301.	2.8	203
6	Increased Intramyocellular Lipid Concentration Identifies Impaired Glucose Metabolism in Women With Previous Gestational Diabetes. <i>Diabetes</i> , 2003, 52, 244-251.	0.6	132
7	Contribution to glucose tolerance of insulin-independent vs. insulin-dependent mechanisms in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E693-E703.	3.5	102
8	Insulin and C-peptide secretion and kinetics in humans: direct and model-based measurements during OGTT. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E966-E974.	3.5	100
9	Mode of action of ipomoea batatas (caipao) in type 2 diabetic patients. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 875-880.	3.4	77
10	Insufficient islet compensation to insulin resistance vs. reduced glucose effectiveness in glucose-intolerant mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E738-E744.	3.5	75
11	Insulin resistance and hyperinsulinemia in homozygous β^0 -thalassemia. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 281-286.	3.4	74
12	Glucose disposal, β -cell secretion, and hepatic insulin extraction in cirrhosis: A minimal model assessment. <i>Gastroenterology</i> , 1990, 99, 1715-1722.	1.3	71
13	Insulin sensitivity and glucose effectiveness: minimal model analysis of regular and insulin-modified FSIGT. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E592-E599.	3.5	71
14	Zinc supplementation improves glucose disposal in patients with cirrhosis. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 792-798.	3.4	62
15	Influence of Increasing BMI on Insulin Sensitivity and Secretion in Normotolerant Men and Women of a Wide Age Span. <i>Obesity</i> , 2012, 20, 1966-1973.	3.0	54
16	Fatty Liver Index Predicts Further Metabolic Deteriorations in Women with Previous Gestational Diabetes. <i>PLoS ONE</i> , 2012, 7, e32710.	2.5	49
17	β -Cell hypersecretion and not reduced hepatic insulin extraction is the main cause of hyperinsulinemia in obese nondiabetic subjects. <i>Metabolism: Clinical and Experimental</i> , 1992, 41, 1304-1312.	3.4	48
18	Age-Related Reduction in Glucose Elimination Is Accompanied by Reduced Glucose Effectiveness and Increased Hepatic Insulin Extraction in Man1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3350-3356.	3.6	48

#	ARTICLE	IF	CITATIONS
19	Early Possible Risk Factors for Overt Diabetes After Gestational Diabetes Mellitus. <i>Obstetrics and Gynecology</i> , 2011, 118, 71-78.	2.4	48
20	Dose-related effects of GLP-1 on insulin secretion, insulin sensitivity, and glucose effectiveness in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E996-E1004.	3.5	44
21	Body and Liver Fat Mass Rather Than Muscle Mitochondrial Function Determine Glucose Metabolism in Women With a History of Gestational Diabetes Mellitus. <i>Diabetes Care</i> , 2011, 34, 430-436.	8.6	42
22	Impaired adaptation of first-phase insulin secretion in postmenopausal women with glucose intolerance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997, 273, E701-E707.	3.5	39
23	PACAP stimulates insulin secretion but inhibits insulin sensitivity in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 274, E834-E842.	3.5	39
24	The hyperbolic equilibrium between insulin sensitivity and secretion. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, S22-S27.	2.6	39
25	Progression to Type 2 Diabetes in Women with Former Gestational Diabetes: Time Trajectories of Metabolic Parameters. <i>PLoS ONE</i> , 2012, 7, e50419.	2.5	39
26	β -cell activity and hepatic insulin extraction following dexamethasone administration in healthy subjects. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 486-491.	3.4	34
27	Islet Function Phenotype in Gastrin-Releasing Peptide Receptor Gene-Deficient Mice. <i>Endocrinology</i> , 2002, 143, 3717-3726.	2.8	33
28	Reappraisal of the intravenous glucose tolerance index for a simple assessment of insulin sensitivity in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1316-R1324.	1.8	24
29	Sex- and age-related differences of metabolic parameters in impaired glucose metabolism and type 2 diabetes compared to normal glucose tolerance. <i>Diabetes Research and Clinical Practice</i> , 2018, 146, 67-75.	2.8	23
30	Subdiaphragmatic vagal deafferentation affects body weight gain and glucose metabolism in obese male Zucker (fa/fa) rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1027-R1034.	1.8	20
31	Glucagon and insulin secretion, insulin clearance, and fasting glucose in GIP receptor and GLP-1 receptor knockout mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 316, R27-R37.	1.8	19
32	Glucagon-like peptide-1 and glucose-dependent insulinotropic peptide: effects alone and in combination on insulin secretion and glucose disappearance in mice. <i>Physiological Reports</i> , 2017, 5, e13280.	1.7	16
33	Glucose effectiveness: Lessons from studies on insulin-independent glucose clearance in mice. <i>Journal of Diabetes Investigation</i> , 2021, 12, 675-685.	2.4	16
34	Dissociated effects of glucose-dependent insulinotropic polypeptide vs glucagon-like peptide-1 on β -cell secretion and insulin clearance in mice. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 988-992.	3.4	15
35	Comparison of glycemic control and variability in patients with type 2 and posttransplantation diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 1211-1216.	2.3	13
36	The impact of recurrent gestational diabetes on maternal metabolic and cardiovascular risk factors. <i>European Journal of Clinical Investigation</i> , 2013, 43, 190-197.	3.4	12

#	ARTICLE	IF	CITATIONS
37	Increased insulin clearance in mice with double deletion of glucagon-like peptide-1 and glucose-dependent insulinotropic polypeptide receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R639-R646.	1.8	12
38	Myocardial infarction before the age of 40 years is associated with insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 30-35.	3.4	11
39	Glucose effectiveness and its components in relation to body mass index. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13099.	3.4	11
40	β -cell response and insulin hepatic extraction in noncirrhotic alcoholic patients soon after withdrawal. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 367-371.	3.4	10
41	Four-Point Preprandial Self-Monitoring of Blood Glucose for the Assessment of Glycemic Control and Variability in Patients with Type 2 Diabetes Treated with Insulin and Vildagliptin. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	1.5	10
42	Assessment of glucose effectiveness from short IVGTT in individuals with different degrees of glucose tolerance. <i>Acta Diabetologica</i> , 2018, 55, 1011-1018.	2.5	10
43	Beta-Cell-Targeted Expression of a Dominant-Negative Mutant of Hepatocyte Nuclear Factor-1 α in Mice: Diabetes Model with α -Cell Dysfunction Partially Rescued by Nonglucose Secretagogues. <i>Diabetes</i> , 2004, 53, S92-S96.	0.6	9
44	Effect of Oral Pre-Meal Administration of Betaglucans on Glycaemic Control and Variability in Subjects with Type 1 Diabetes. <i>Nutrients</i> , 2017, 9, 1004.	4.1	9
45	The Fatty Liver Index (FLI) Relates to Diabetes-Specific Parameters and an Adverse Lipid Profile in a Cohort of Nondiabetic, Dyslipidemic Patients. <i>Journal of the American College of Nutrition</i> , 2017, 36, 287-294.	1.8	8
46	Glucagon clearance is regulated by nutritional state: evidence from experimental studies in mice. <i>Diabetologia</i> , 2014, 57, 801-808.	6.3	7
47	Impact of Incretin Hormone Receptors on Insulin-Independent Glucose Disposal in Model Experiments in Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 680153.	3.5	7
48	Hidden Metabolic Disturbances in Women with Normal Glucose Tolerance Five Years after Gestational Diabetes. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-7.	1.5	6
49	Glucose Effectiveness from Short Insulin-Modified IVGTT and Its Application to the Study of Women with Previous Gestational Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 286.	4.7	5
50	Glucagon and GLP-1 exhibit no synergistic enhancement of glucose-stimulated insulin secretion in mice. <i>Peptides</i> , 2015, 71, 66-71.	2.4	4
51	An Analysis of Glucose Effectiveness in Subjects With or Without Type 2 Diabetes via Hierarchical Modeling. <i>Frontiers in Endocrinology</i> , 2021, 12, 641713.	3.5	2
52	Comment on Piccinini and Bergman The Measurement of Insulin Clearance. <i>Diabetes Care</i> 2020;43:2296-2302. <i>Diabetes Care</i> , 2021, 44, e35-e35.	8.6	1
53	Model-Based Assessment of Sex Differences in Glucose Effectiveness and Its Components. <i>IFMBE Proceedings</i> , 2020, , 500-507.	0.3	0