Giovanni Pacini

List of Publications by Year
in descending order

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	Glucose effectiveness: Lessons from studies on insulinâ€independent glucose clearance in mice. Journal of Diabetes Investigation, 2021, 12, 675-685.	2.4	16
2	Comment on Piccinini and Bergman The Measurement of Insulin Clearance. Diabetes Care 2020;43:2296â€“2302. Diabetes Care, 2021, 44, e35-e35.	8.6	1
3	An Analysis of Glucose Effectiveness in Subjects With or Without Type 2 Diabetes via Hierarchical Modeling. Frontiers in Endocrinology, 2021, 12, 641713.	3.5	2
4	Impact of Incretin Hormone Receptors on Insulin-Independent Glucose Disposal in Model Experiments in Mice. Frontiers in Endocrinology, 2021, 12, 680153.	3.5	7
5	Model-Based Assessment of Sex Differences in Glucose Effectiveness and Its Components. IFMBE Proceedings, 2020, , 500-507.	0.3	0
6	Glucose Effectiveness from Short Insulin-Modified IVGTT and Its Application to the Study of Women with Previous Gestational Diabetes Mellitus. Diabetes and Metabolism Journal, 2020, 44, 286.	4.7	5
7	Glucose effectiveness and its components in relation to body mass index. European Journal of Clinical Investigation, 2019, 49, e13099.	3.4	11
8	Glucagon and insulin secretion, insulin clearance, and fasting glucose in GIP receptor and GLP-1 receptor knockout mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R27-R37.	1.8	19
9	Sex- and age-related differences of metabolic parameters in impaired glucose metabolism and type 2 diabetes compared to normal glucose tolerance. Diabetes Research and Clinical Practice, 2018, 146, 67-75.	2.8	23
10	Assessment of glucose effectiveness from short IVGTT in individuals with different degrees of glucose tolerance. Acta Diabetologica, 2018, 55, 1011-1018.	2.5	10
11	Increased insulin clearance in mice with double deletion of glucagon-like peptide-1 and glucose-dependent insulinotropic polypeptide receptors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R639-R646.	1.8	12
12	Glucagon-like peptide-1 and glucose-dependent insulinotropic peptide: effects alone and in combination on insulin secretion and glucose disappearance in mice. Physiological Reports, 2017, 5, e13280.	1.7	16
13	The Fatty Liver Index (FLI) Relates to Diabetes-Specific Parameters and an Adverse Lipid Profile in a Cohort of Nondiabetic, Dyslipidemic Patients. Journal of the American College of Nutrition, 2017, 36, 287-294.	1.8	8
14	Effect of Oral Pre-Meal Administration of Betaglucans on Glycaemic Control and Variability in Subjects with Type 1 Diabetes. Nutrients, 2017, 9, 1004.	4.1	9
15	Sex and Gender Differences in Risk, Pathophysiology and Complications of Type 2 Diabetes Mellitus. Endocrine Reviews, 2016, 37, 278-316.	20.1	1,172
16	Hidden Metabolic Disturbances in Women with Normal Glucose Tolerance Five Years after Gestational Diabetes. International Journal of Endocrinology, 2015, 2015, 1-7.	1.5	6
17	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. International Journal of Endocrinology, 2015, 2015, 1-7.	1.5	10
18	Glucagon and GLP-1 exhibit no synergistic enhancement of glucose-stimulated insulin secretion in mice. Peptides, 2015, 71, 66-71.	2.4	4

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19	Comparison of glycemic control and variability in patients with type 2 and posttransplantation diabetes mellitus. Journal of Diabetes and Its Complications, 2015, 29, 1211-1216.	2.3	13
20	Glucagon clearance is regulated by nutritional state: evidence from experimental studies in mice. Diabetologia, 2014, 57, 801-808.	6.3	7
21	The impact of recurrent gestational diabetes on maternal metabolic and cardiovascular risk factors. European Journal of Clinical Investigation, 2013, 43, 190-197.	3.4	12
22	Influence of Increasing BMI on Insulin Sensitivity and Secretion in Normotolerant Men and Women of a Wide Age Span. Obesity, 2012, 20, 1966-1973.	3.0	54
23	Fatty Liver Index Predicts Further Metabolic Deteriorations in Women with Previous Gestational Diabetes. PLoS ONE, 2012, 7, e32710.	2.5	49
24	Progression to Type 2 Diabetes in Women with Former Gestational Diabetes: Time Trajectories of Metabolic Parameters. PLoS ONE, 2012, 7, e50419.	2.5	39
25	Early Possible Risk Factors for Overt Diabetes After Gestational Diabetes Mellitus. Obstetrics and Gynecology, 2011, 118, 71-78.	2.4	48
26	Body and Liver Fat Mass Rather Than Muscle Mitochondrial Function Determine Glucose Metabolism in Women With a History of Gestational Diabetes Mellitus. Diabetes Care, 2011, 34, 430-436.	8.6	42
27	Dissociated effects of glucose-dependent insulinotropic polypeptide vs glucagon-like peptideâ€“1 on Î²-cell secretion and insulin clearance in mice. Metabolism: Clinical and Experimental, 2010, 59, 988-992.	3.4	15
28	Reappraisal of the intravenous glucose tolerance index for a simple assessment of insulin sensitivity in mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1316-R1324.	1.8	24
29	Insulinogenic indices from insulin and C-peptide: Comparison of beta-cell function from OGTT and IVGTT. Diabetes Research and Clinical Practice, 2006, 72, 298-301.	2.8	203
30	The hyperbolic equilibrium between insulin sensitivity and secretion. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, S22-S27.	2.6	39
31	Subdiaphragmatic vagal deafferentation affects body weight gain and glucose metabolism in obese male Zucker (fa/fa) rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1027-R1034.	1.8	20
32	Beta-Cell-Targeted Expression of a Dominant-Negative Mutant of Hepatocyte Nuclear Factor-1Â in Mice: Diabetes Model with Â-Cell Dysfunction Partially Rescued by Nonglucose Secretagogues. Diabetes, 2004, 53, S92-S96.	0.6	9
33	Importance of quantifying insulin secretion in relation to insulin sensitivity to accurately assess beta cell function in clinical studies. European Journal of Endocrinology, 2004, 150, 97-104.	3.7	210
34	Mode of action of ipomoea batatas (caiapo) in type 2 diabetic patients. Metabolism: Clinical and Experimental, 2003, 52, 875-880.	3.4	77
35	Increased Intramyocellular Lipid Concentration Identifies Impaired Glucose Metabolism in Women With Previous Gestational Diabetes. Diabetes, 2003, 52, 244-251.	0.6	132
36	Islet Function Phenotype in Gastrin-Releasing Peptide Receptor Gene-Deficient Mice. Endocrinology, 2002, 143, 3717-3726.	2.8	33

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37	Insufficient islet compensation to insulin resistance vs. reduced glucose effectiveness in glucose-intolerant mice. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E738-E744.	3.5	75
38	Nonalcoholic steatohepatitis, insulin resistance, and metabolic syndrome: Further evidence for an etiologic association. Hepatology, 2002, 35, 367-372.	7.3	644
39	Myocardial infarction before the age of 40 years is associated with insulin resistance. Metabolism: Clinical and Experimental, 2001, 50, 30-35.	3.4	11
40	Insulin and C-peptide secretion and kinetics in humans: direct and model-based measurements during OGTT. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E966-E974.	3.5	100
41	Contribution to glucose tolerance of insulin-independent vs. insulin-dependent mechanisms in mice. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E693-E703.	3.5	102
42	Dose-related effects of GLP-1 on insulin secretion, insulin sensitivity, and glucose effectiveness in mice. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E996-E1004.	3.5	44
43	Zinc supplementation improves glucose disposal in patients with cirrhosis. Metabolism: Clinical and Experimental, 1998, 47, 792-798.	3.4	62
44	Age-Related Reduction in Glucose Elimination Is Accompanied by Reduced Glucose Effectiveness and Increased Hepatic Insulin Extraction in Man1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3350-3356.	3.6	48
45	PACAP stimulates insulin secretion but inhibits insulin sensitivity in mice. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E834-E842.	3.5	39
46	Insulin sensitivity and glucose effectiveness: minimal model analysis of regular and insulin-modified FSIGT. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E592-E599.	3.5	71
47	Impaired adaptation of first-phase insulin secretion in postmenopausal women with glucose intolerance. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E701-E707.	3.5	39
48	Î²-cell activity and hepatic insulin extraction following dexamethasone administration in healthy subjects. Metabolism: Clinical and Experimental, 1996, 45, 486-491.	3.4	34
49	Insulin resistance and hyperinsulinemia in homozygous Î²-thalassemia. Metabolism: Clinical and Experimental, 1995, 44, 281-286.	3.4	74
50	Î²-cell response and insulin hepatic extraction in noncirrhotic alcoholic patients soon after withdrawal. Metabolism: Clinical and Experimental, 1994, 43, 367-371.	3.4	10
51	Î²-Cell hypersecretion and not reduced hepatic insulin extraction is the main cause of hyperinsulinemia in obese nondiabetic subjects. Metabolism: Clinical and Experimental, 1992, 41, 1304-1312.	3.4	48
52	Glucose disposal, Î²-cell secretion, and hepatic insulin extraction in cirrhosis: A minimal model assessment. Gastroenterology, 1990, 99, 1715-1722.	1.3	71
53	MINMOD: a computer program to calculate insulin sensitivity and pancreatic responsivity from the frequently sampled intravenous glucose tolerance test. Computer Methods and Programs in Biomedicine, 1986, 23, 113-122.	4.7	622