

List of Publications by Year in descending order

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85
papers

4,083
citations

109321

35
h-index

118850

62
g-index

89
all docs

89
docs citations

89
times ranked

6145
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Amino Acid-Induced Skeletal Muscle Insulin Resistance in Humans. <i>Diabetes</i> , 2002, 51, 599-605.	0.6	338
2	Fatty liver is associated with insulin resistance, risk of coronary heart disease, and early atherosclerosis in a large European population. <i>Hepatology</i> , 2009, 49, 1537-1544.	7.3	310
3	Alterations in Postprandial Hepatic Glycogen Metabolism in Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 3048-3056.	0.6	267
4	The Mammalian Target of Rapamycin Pathway Regulates Nutrient-Sensitive Glucose Uptake in Man. <i>Diabetes</i> , 2007, 56, 1600-1607.	0.6	210
5	Effects of Insulin Treatment in Type 2 Diabetic Patients on Intracellular Lipid Content in Liver and Skeletal Muscle. <i>Diabetes</i> , 2002, 51, 3025-3032.	0.6	157
6	Insulin Resistance, Insulin Response, and Obesity as Indicators of Metabolic Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2885-2892.	3.6	149
7	The Relationship between Insulin Resistance and the Cardiovascular Biomarker Growth Differentiation Factor-15 in Obese Patients. <i>Clinical Chemistry</i> , 2011, 57, 309-316.	3.2	144
8	Direct and indirect effects of amino acids on hepatic glucose metabolism in humans. <i>Diabetologia</i> , 2003, 46, 917-925.	6.3	113
9	Liver Enzymes Are Associated With Hepatic Insulin Resistance, Insulin Secretion, and Glucagon Concentration in Healthy Men and Women. <i>Diabetes</i> , 2011, 60, 1660-1667.	0.6	112
10	Insulin-Dependent Modulation of Plasma Ghrelin and Leptin Concentrations Is Less Pronounced in Type 2 Diabetic Patients. <i>Diabetes</i> , 2003, 52, 1792-1798.	0.6	108
11	Hepatic leptin signaling in obesity. <i>FASEB Journal</i> , 2005, 19, 1048-1050.	0.5	95
12	Mechanism and Effects of Glucose Absorption during an Oral Glucose Tolerance Test Among Females and Males. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 515-524.	3.6	92
13	Severity of insulin resistance in critically ill medical patients. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1-5.	3.4	88
14	Insulin Resistance Is Unrelated to Circulating Retinol Binding Protein and Protein C Inhibitor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4306-4312.	3.6	87
15	Activation of PPAR- δ in isolated rat skeletal muscle switches fuel preference from glucose to fatty acids. <i>Diabetologia</i> , 2006, 49, 2713-2722.	6.3	75
16	Short-Term Leptin-Dependent Inhibition of Hepatic Gluconeogenesis Is Mediated by Insulin Receptor Substrate-2. <i>Molecular Endocrinology</i> , 2002, 16, 1612-1628.	3.7	66
17	Beta cell (dys)function in non-diabetic offspring of diabetic patients. <i>Diabetologia</i> , 2009, 52, 2435-2444.	6.3	64
18	Moderate alcohol consumption is associated with improved insulin sensitivity, reduced basal insulin secretion rate and lower fasting glucagon concentration in healthy women. <i>Diabetologia</i> , 2012, 55, 3228-3237.	6.3	64

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19	Plasma obestatin is lower at fasting and not suppressed by insulin in insulin-resistant humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1393-E1398.	3.5	62
20	Modification and Validation of the Triglyceride-toâ€“HDL Cholesterol Ratio as a Surrogate of Insulin Sensitivity in White Juveniles and Adults without Diabetes Mellitus: The Single Point Insulin Sensitivity Estimator (SPISE). <i>Clinical Chemistry</i> , 2016, 62, 1211-1219.	3.2	61
21	Prevalence of Endocrine Disorders in Morbidly Obese Patients and the Effects of Bariatric Surgery on Endocrine and Metabolic Parameters. <i>Obesity Surgery</i> , 2012, 22, 62-69.	2.1	55
22	Effects of High-Dose Simvastatin Therapy on Glucose Metabolism and Ectopic Lipid Deposition in Nonobese Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2009, 32, 209-214.	8.6	49
23	Long-Term Mortality and Incidence of Renal Dialysis and Transplantation in Type 1 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3814-3820.	3.6	48
24	Short-Term Hyperinsulinemia and Hyperglycemia Increase Myocardial Lipid Content in Normal Subjects. <i>Diabetes</i> , 2012, 61, 1210-1216.	0.6	47
25	Alterations in Gastrointestinal, Endocrine, and Metabolic Processes After Bariatric Roux-en-Y Gastric Bypass Surgery. <i>Diabetes Care</i> , 2012, 35, 2580-2587.	8.6	47
26	From Metabolic Normality to Cardiometabolic Risk Factors in Subjects With Obesity. <i>Obesity</i> , 2012, 20, 2063-2069.	3.0	46
27	The Clamp-Like Index. <i>Diabetes Care</i> , 2007, 30, 2374-2380.	8.6	45
28	Variation in the ADIPOQ gene promoter is associated with carotid intima media thickness independent of plasma adiponectin levels in healthy subjects. <i>European Heart Journal</i> , 2008, 29, 386-393.	2.2	45
29	The Effect of Menopause on Carotid Artery Remodeling, Insulin Sensitivity, and Plasma Adiponectin in Healthy Women. <i>American Journal of Hypertension</i> , 2009, 22, 364-370.	2.0	44
30	Body Composition and Common Carotid Artery Remodeling in a Healthy Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3325-3332.	3.6	43
31	Thyrotropin Serum Concentrations in Patients with Papillary Thyroid Microcancers. <i>Thyroid</i> , 2010, 20, 389-392.	4.5	43
32	Influence of Hyperinsulinemia and Insulin Resistance on In Vivo β -Cell Function. <i>Diabetes</i> , 2011, 60, 3141-3147.	0.6	43
33	Pancreatic Fat Is Associated With Metabolic Syndrome and Visceral Fat but Not Beta-Cell Function or Body Mass Index in Pediatric Obesity. <i>Pancreas</i> , 2017, 46, 358-365.	1.1	43
34	40th EASD Annual Meeting of the European Association for the Study of Diabetes. <i>Diabetologia</i> , 2004, 47, A1-A464.	6.3	41
35	Sex-specific differences in glycemic control and cardiovascular risk factors in older patients with insulin-treated type 2 diabetes mellitus. <i>Gender Medicine</i> , 2010, 7, 593-599.	1.4	38
36	A Combination of (\approx 3) Polyunsaturated Fatty Acids, Polyphenols and β -Carnitine Reduces the Plasma Lipid Levels and Increases the Expression of Genes Involved in Fatty Acid Oxidation in Human Peripheral Blood Mononuclear Cells and HepG2 Cells. <i>Annals of Nutrition and Metabolism</i> , 2011, 58, 133-140.	1.9	32

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37	GDF15 reflects beta cell function in obese patients independently of the grade of impairment of glucose metabolism. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 334-342.	2.6	30
38	Effects of Short-Term Leptin Exposure on Triglyceride Deposition in Rat Liver. <i>Hepatology</i> , 2000, 32, 1045-1049.	7.3	29
39	Insulin resistance is not associated with myocardial steatosis in women. <i>Diabetologia</i> , 2011, 54, 1871-1878.	6.3	28
40	Taking small steps towards targets - perspectives for clinical practice in diabetes, cardiometabolic disorders and beyond. <i>International Journal of Clinical Practice</i> , 2013, 67, 322-332.	1.7	28
41	Chronic Peripheral Hyperinsulinemia in Type 1 Diabetic Patients After Successful Combined Pancreas-Kidney Transplantation Does Not Affect Ectopic Lipid Accumulation in Skeletal Muscle and Liver. <i>Diabetes</i> , 2010, 59, 215-218.	0.6	25
42	Effects of Insulin Therapy on Myocardial Lipid Content and Cardiac Geometry in Patients with Type-2 Diabetes Mellitus. <i>PLoS ONE</i> , 2012, 7, e50077.	2.5	25
43	The Role of Intramyocellular Lipids during Hypoglycemia in Patients with Intensively Treated Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5559-5565.	3.6	24
44	Effects of free fatty acids on carbohydrate metabolism and insulin signalling in perfused rat liver. <i>European Journal of Clinical Investigation</i> , 2007, 37, 774-782.	3.4	24
45	Glucose turnover and intima media thickness of internal carotid artery in type 2 diabetes offspring. <i>European Journal of Clinical Investigation</i> , 2008, 38, 227-237.	3.4	24
46	Insulin Sensitivity and β -Cell Function in the Offspring of Type 2 Diabetic Patients: Impact of Line of Inheritance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 4703-4711.	3.6	24
47	Short-Term Leptin-Dependent Inhibition of Hepatic Gluconeogenesis Is Mediated by Insulin Receptor Substrate-2. <i>Molecular Endocrinology</i> , 2002, 16, 1612-1628.	3.7	24
48	In vivo and in vitro evidence for a hepatic modulation of the leptin signal in rats. <i>European Journal of Clinical Investigation</i> , 2004, 34, 831-837.	3.4	23
49	Effects of Gastric Bypass Surgery on Insulin Resistance and Insulin Secretion in Nondiabetic Obese Patients. <i>Obesity</i> , 2011, 19, 1420-1426.	3.0	23
50	Suppression of plasma free fatty acids reduces myocardial lipid content and systolic function in type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 387-392.	2.6	21
51	Fasting insulin has a stronger association with an adverse cardiometabolic risk profile than insulin resistance: the RISC study. <i>European Journal of Endocrinology</i> , 2009, 161, 223-230.	3.7	20
52	Glucose Absorption in Gestational Diabetes Mellitus During an Oral Glucose Tolerance Test. <i>Diabetes Care</i> , 2011, 34, 1475-1480.	8.6	19
53	Cardiometabolic Phenotyping of Patients With Familial Hypocalcemic Hypercalcemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1721-E1726.	3.6	19
54	Insulin Infusion During Normoglycemia Modulates Insulin Secretion According to Whole-Body Insulin Sensitivity. <i>Diabetes Care</i> , 2011, 34, 437-441.	8.6	18

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55	Impact of family history on relations between insulin resistance, LDL cholesterol and carotid IMT in healthy adults. <i>Heart</i> , 2010, 96, 1191-1200.	2.9	17
56	The Impact of Type 2 Diabetes on Circulating Adipokines in Patients with Metabolic Syndrome. <i>Obesity Facts</i> , 2012, 5, 270-276.	3.4	17
57	Intracellular lipid accumulation and shift during diabetes progression. <i>Wiener Medizinische Wochenschrift</i> , 2014, 164, 320-329.	1.1	17
58	Adipotoxicity and the insulin resistance syndrome. <i>Pediatric Endocrinology Reviews</i> , 2004, 1, 310-9.	1.2	16
59	Increased Plasma Amylin in Type 1 Diabetic Patients After Kidney and Pancreas Transplantation: A sign of impaired β -cell function?. <i>Diabetes Care</i> , 2006, 29, 1031-1038.	8.6	15
60	Radiological progression of joint damage in a longitudinal cohort of early DMARD-treated rheumatoid arthritis patients followed for 10 years. <i>Scandinavian Journal of Rheumatology</i> , 2004, 33, 162-166.	1.1	14
61	Persistent arterial stiffness and endothelial dysfunction following successful pancreas-kidney transplantation in Type 1 diabetes. <i>Diabetic Medicine</i> , 2009, 26, 1010-1018.	2.3	14
62	Obesity and carotid artery remodeling. <i>Nutrition and Diabetes</i> , 2015, 5, e177-e177.	3.2	14
63	Effects of pioglitazone versus glimepiride exposure on hepatocellular fat content in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2013, 15, 915-922.	4.4	13
64	Reduced hepatocellular lipid accumulation and energy metabolism in patients with long standing type 1 diabetes mellitus. <i>Scientific Reports</i> , 2019, 9, 2576.	3.3	13
65	Clinical presentation in insulinoma predicts histopathological tumour characteristics. <i>Clinical Endocrinology</i> , 2015, 83, 67-71.	2.4	12
66	Pericardial- Rather than Intramyocardial Fat Is Independently Associated with Left Ventricular Systolic Heart Function in Metabolically Healthy Humans. <i>PLoS ONE</i> , 2016, 11, e0151301.	2.5	12
67	Whole-Body Insulin Sensitivity Rather than Body-Mass-Index Determines Fasting and Post-Glucose-Load Growth Hormone Concentrations. <i>PLoS ONE</i> , 2014, 9, e115184.	2.5	11
68	Adequately Adapted Insulin Secretion and Decreased Hepatic Insulin Extraction Cause Elevated Insulin Concentrations in Insulin Resistant Non-Diabetic Adrenal Incidentaloma Patients. <i>PLoS ONE</i> , 2013, 8, e77326.	2.5	11
69	Free fatty acid availability is closely related to myocardial lipid storage and cardiac function in hypoglycemia counterregulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E631-E640.	3.5	10
70	Adipokines in type 1 diabetes after successful pancreas transplantation: normal visfatin and retinol-binding protein-4, but increased total adiponectin fasting concentrations. <i>Clinical Endocrinology</i> , 2010, 72, 763-769.	2.4	9
71	Fasting and postprandial liver glycogen content in patients with type 1 diabetes mellitus after successful pancreas-kidney transplantation with systemic venous insulin delivery. <i>Clinical Endocrinology</i> , 2014, 80, 208-213.	2.4	8
72	Novel Aspects on Insulin Resistance. , 2009, 19, 302-305.		7

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73	Inhibition of glucose production and stimulation of bile flow by R (+)- α -lipoic acid enantiomer in rat liver. <i>Liver</i> , 2002, 22, 355-361.	0.1	6
74	Effects of Thyroid Function on Phosphodiester Concentrations in Skeletal Muscle and Liver: An In Vivo NMRS Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4866-e4874.	3.6	6
75	Hepatic Rather Than Cardiac Steatosis Relates to Glucose Intolerance in Women with Prior Gestational Diabetes. <i>PLoS ONE</i> , 2014, 9, e91607.	2.5	6
76	Synthesis and Odour of Bicyclo[2.2.2]octanone Derivatives: α -Hydroxy Ketones and Enones. <i>Flavour and Fragrance Journal</i> , 1995, 10, 287-292.	2.6	3
77	Insulin resistance and β -cell function in smokers: results from the <i>EGIR</i> \rightarrow <i>RISC</i> European multicentre study. <i>Diabetic Medicine</i> , 2017, 34, 223-228.	2.3	3
78	Research update for articles published in EJCI in 2008. <i>European Journal of Clinical Investigation</i> , 2010, 40, 770-789.	3.4	1
79	Effects of bariatric surgery on insulin resistance and insulin secretion in morbidly obese patients. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2007, 115, .	1.2	0
80	Impact of hypoglycemia on cerebral ATP-synthesis in type 1 diabetes. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2007, 115, .	1.2	0
81	Circulating retinol binding protein 4 and protein C inhibitor are not associated with insulin resistance. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2007, 115, .	1.2	0
82	Increased GDF-15 Concentrations in Morbidly Obese Subjects Increase Further Following Gastric Bypass-Induced Weight Loss. , 2010, , P3-434-P3-434.		0
83	Cardio-metabolic phenotyping of patients with familiar hypocalciuric hypercalcemia. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
84	Pericardial rather than intramyocardial fat is independently associated with systolic and diastolic left ventricular heart function in metabolically healthy humans. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
85	GH is related to hepatic mitochondrial activity in humans. <i>Endocrine Abstracts</i> , 0, , .	0.0	0