

Obesity and insulin resistance: Lessons learned from th

Diabetes/metabolism Reviews

4, 517-540

DOI: 10.1002/dmr.5610040508

Citation Report

#	ARTICLE	IF	CITATIONS
1	Assessment of insulin sensitivity in vivo: A critical review. Diabetes/metabolism Reviews, 1989, 5, 411-429.	0.3	122
2	Amylin and the amylin gene: structure, function and relationship to islet amyloid and to diabetes mellitus. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1014, 247-258.	4.1	134
3	Relationship of genetics, age, and physical fitness to daily energy expenditure and fuel utilization. American Journal of Clinical Nutrition, 1989, 49, 968-975.	4.7	560
4	Diabetes mellitus in the pima indians: Incidence, risk factors and pathogenesis. Diabetes/metabolism Reviews, 1990, 6, 1-27.	0.3	512
5	Islet amyloid polypeptide in diabetic and non-diabetic Pima Indians. Diabetologia, 1990, 33, 285-289.	6.3	121
6	Insulin resistance induced by high-fat feeding is only partially reversed by exercise training. Pflugers Archiv European Journal of Physiology, 1990, 417, 79-83.	2.8	18
7	Minimal Model Analysis of Intravenous Glucose Tolerance Test-Derived Insulin Sensitivity in Diabetic Subjects*. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 1508-1518.	3.6	352
8	Safety of growth hormone. Lancet, The, 1991, 337, 108-110.	13.7	5
9	Fuel metabolism in anorexia nervosa and simple obesity. Metabolism: Clinical and Experimental, 1991, 40, 689-694.	3.4	22
10	Exaggerated Early Insulin Release and Insulin Resistance in a Diabetes-Prone Population: A Metabolic Comparison of Pima Indians and Caucasians. Journal of Clinical Endocrinology and Metabolism, 1991, 73, 866-876.	3.6	151
11	Diabetes, Exercise, and Atherosclerosis. Diabetes Care, 1992, 15, 1787-1793.	8.6	42
12	Insulin resistance versus insulin secretion in the hypertension of obesity.. Hypertension, 1992, 19, 385-392.	2.7	47
13	Pima Indians as a model to study the genetics of NIDDM. Journal of Cellular Biochemistry, 1992, 48, 337-343.	2.6	34
14	Evidence for recent increases in obesity and non-insulin-dependent diabetes mellitus in a Navajo community. American Journal of Human Biology, 1992, 4, 547-553.	1.6	21
15	The case for metabolic hypertension: Is it time to restructure the hypertension paradigm?. Progress in Cardiovascular Diseases, 1993, 36, 1-38.	3.1	20
16	Abdominal obesity is associated with insulin resistance and reduced glycogen synthase activity in skeletal muscle. Metabolism: Clinical and Experimental, 1993, 42, 998-1005.	3.4	57
17	Diversity of Insulin Resistance in Monkeys with Normal Glucose Tolerance. Obesity, 1993, 1, 364-370.	4.0	14
18	Insulin Resistance and Insulin Secretory Dysfunction as Precursors of Non-Insulin-Dependent Diabetes Mellitus: Prospective Studies of Pima Indians. New England Journal of Medicine, 1993, 329, 1988-1992.	27.0	1,312

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19	Obesity genes and diabetes induction in the mouse. Critical Reviews in Food Science and Nutrition, 1993, 33, 333-338.	10.3	20
20	Serum androgens in hyperinsulinemic Pima Indian and obese Caucasian women and their response to short-term insulin infusion. Journal of Endocrinological Investigation, 1993, 16, 403-406.	3.3	2
21	Trypsin-Mn(2+)-resistant form of type 1 protein phosphatase in human muscle. American Journal of Physiology - Endocrinology and Metabolism, 1994, 266, E574-E582.	3.5	1
22	Effect of Naltrexone Treatment on Insulin Secretion, Insulin Action and Postprandial Thermogenesis in Obesity. Hormone and Metabolic Research, 1994, 26, 188-194.	1.5	5
23	Immunoreactive glycogen-binding subunit of protein phosphatase-1 in human skeletal muscle.. Journal of Clinical Endocrinology and Metabolism, 1994, 79, 485-488.	3.6	1
24	Enterostatin inhibits insulin secretion from isolated perfused rat islets. Acta Diabetologica, 1994, 31, 160-163.	2.5	18
25	Vascular defects in the aetiology of peripheral insulin resistance in diabetes. A critical review of hypotheses and facts. Diabetes/metabolism Reviews, 1994, 10, 287-307.	0.3	27
26	The opposing effects of insulin and hyperglycemia in modulating amino acid metabolism during a glucose tolerance test in lean and obese subjects. Metabolism: Clinical and Experimental, 1994, 43, 211-216.	3.4	8
27	Acanthosis Nigricans among Native Americans: an indicator of high diabetes risk.. American Journal of Public Health, 1994, 84, 1839-1842.	2.7	87
29	A high concentration of fasting plasma non-esterified fatty acids is a risk factor for the development of NIDDM. Diabetologia, 1995, 38, 1213-1217.	6.3	344
30	Effects of metformin in obese patients with impaired glucose tolerance. Diabetes/metabolism Reviews, 1995, 11, S69-S80.	0.3	14
31	Skeletal muscle fiber composition is related to adiposity and in vitro glucose transport rate in humans. American Journal of Physiology - Endocrinology and Metabolism, 1995, 268, E453-E457.	3.5	191
32	Skeletal muscle membrane lipid composition is related to adiposity and insulin action.. Journal of Clinical Investigation, 1995, 96, 2802-2808.	8.2	242
33	Insulin sensitivity and antiandrogenic therapy in women with polycystic ovary syndrome. Metabolism: Clinical and Experimental, 1995, 44, 525-531.	3.4	112
34	In vivo β -cell function at the transition to early non-insulin-dependent diabetes mellitus. Metabolism: Clinical and Experimental, 1995, 44, 757-764.	3.4	14
35	Relation of the White Blood Cell Count to Obesity and Insulin Resistance: Effect of Race and Gender. Obesity, 1995, 3, 563-571.	4.0	70
36	Relationship of hepatic and peripheral insulin resistance with plasminogen activator inhibitor-1 in Pima Indians. Metabolism: Clinical and Experimental, 1996, 45, 1243-1247.	3.4	25
37	Interrelationships between muscle morphology, insulin action, and adiposity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1996, 270, R1332-R1339.	1.8	77

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38	Co-existence of severe insulin resistance and hyperinsulinaemia in pre-adolescent obese children. <i>Diabetologia</i> , 1996, 39, 1489-1497.	6.3	124
39	Skeletal Muscle Triglyceride Levels Are Inversely Related to Insulin Action. <i>Diabetes</i> , 1997, 46, 983-988.	0.6	1,006
40	The Thermic Effect of Food and Obesity: A Critical Review. <i>Obesity</i> , 1997, 5, 622-631.	4.0	133
41	Genetic Analysis of Human Type 1 Protein Phosphatase Inhibitor 2 in Insulin-Resistant Pima Indians. <i>Genomics</i> , 1997, 41, 110-114.	2.9	8
42	Central Role of the Adipocyte in Insulin Resistance. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 1998, 9, 205-222.	1.3	103
43	Temporal Relations between Obesity and Insulin: Longitudinal Data from the Normative Aging Study. <i>American Journal of Epidemiology</i> , 1998, 147, 173-179.	3.4	55
44	The natural history of insulin secretory dysfunction and insulin resistance in the pathogenesis of type 2 diabetes mellitus. <i>Journal of Clinical Investigation</i> , 1999, 104, 787-794.	8.2	1,559
45	Insulin receptor autophosphorylation in cultured myoblasts correlates to glucose disposal in Pima Indians. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 276, E990-E994.	3.5	9
46	Familiality of Quantitative Metabolic Traits in Finnish Families with Non-Insulin-Dependent Diabetes mellitus. <i>Human Heredity</i> , 1999, 49, 159-168.	0.8	115
47	Visceral adipose tissue is not increased in Pima Indians compared with equally obese Caucasians and is not related to insulin action or secretion. <i>Diabetologia</i> , 1999, 42, 28-34.	6.3	48
48	Influence of Non-steady State During Isoglycemic Hyperinsulinemic Clamp in Hypertension: A LIFE Substudy. <i>Blood Pressure</i> , 1999, 8, 207-213.	1.5	12
49	Protein Targeting to Glycogen/PPP1R5: Screening of Coding and Flanking Genomic Regions for Polymorphisms and Association Analysis with Insulin Action in Pima Indians. <i>Biochemical and Biophysical Research Communications</i> , 1999, 258, 184-186.	2.1	4
50	A calpain-10 gene polymorphism is associated with reduced muscle mRNA levels and insulin resistance. <i>Journal of Clinical Investigation</i> , 2000, 106, R69-R73.	8.2	254
51	Gender-Related Difference in Relationship between Insulin Resistance and Serum Leptin Level in Japanese Type 2 Diabetic and Non-Diabetic Subjects.. <i>Endocrine Journal</i> , 2000, 47, 615-621.	1.6	14
52	Relative influence of insulin resistance versus blood pressure on vascular changes in longstanding hypertension. ICARUS, a LIFE sub study. <i>Journal of Hypertension</i> , 2000, 18, 75-81.	0.5	32
53	Long-term changes in insulin action and insulin secretion associated with gain, loss, regain and maintenance of body weight. <i>Diabetologia</i> , 2000, 43, 36-46.	6.3	88
54	Efficacy and Safety of Troglitazone in the Treatment of Lipodystrophy Syndromes. <i>Annals of Internal Medicine</i> , 2000, 133, 263.	3.9	265
55	Palmitate oxidation rate and action on glycogen synthase in myoblasts from insulin-resistant subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E561-E569.	3.5	11

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56	Evaluation of Simple Indices of Insulin Sensitivity and Insulin Secretion for Use in Epidemiologic Studies. <i>American Journal of Epidemiology</i> , 2000, 151, 190-198.	3.4	423
57	Longitudinal compensation for fat-induced insulin resistance includes reduced insulin clearance and enhanced beta-cell response. <i>Diabetes</i> , 2000, 49, 2116-2125.	0.6	174
58	Insulin Increases Leptin mRNA Expression in Abdominal Subcutaneous Adipose Tissue in Humans. <i>Molecular Genetics and Metabolism</i> , 2000, 70, 19-26.	1.1	22
59	Functional Analyses of Amino Acid Substitutions Arg883Ser and Asp905Tyr of Protein Phosphatase-1 C-subunit. <i>Molecular Genetics and Metabolism</i> , 2000, 70, 151-158.	1.1	3
60	The Finlandâ€“United States Investigation of Nonâ€“Insulin-Dependent Diabetes Mellitus Genetics (FUSION) Study. II. An Autosomal Genome Scan for Diabetes-Related Quantitative-Trait Loci. <i>American Journal of Human Genetics</i> , 2000, 67, 1186-1200.	6.2	121
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63	Low Acute Insulin Secretory Responses in Adult Offspring of People With Early Onset Type 2 Diabetes. <i>Diabetes</i> , 2001, 50, 1828-1833.	0.6	133
64	Insulin Resistance and Insulin Secretory Dysfunction Are Independent Predictors of Worsening of Glucose Tolerance During Each Stage of Type 2 Diabetes Development. <i>Diabetes Care</i> , 2001, 24, 89-94.	8.6	303
65	SNP43 of CAPN10 and the Risk of Type 2 Diabetes in African-Americans: The Atherosclerosis Risk in Communities Study. <i>Diabetes</i> , 2002, 51, 231-237.	0.6	89
66	Association of Acanthosis Nigricans With Hyperinsulinemia Compared With Other Selected Risk Factors for Type 2 Diabetes in Cherokee Indians: The Cherokee Diabetes Study. <i>Diabetes Care</i> , 2002, 25, 1009-1014.	8.6	99
67	Transgenic Mice Expressing Human Fibroblast Growth Factor-19 Display Increased Metabolic Rate and Decreased Adiposity. <i>Endocrinology</i> , 2002, 143, 1741-1747.	2.8	478
68	Plasma Adiponectin Concentration Is Associated With Skeletal Muscle Insulin Receptor Tyrosine Phosphorylation, and Low Plasma Concentration Precedes a Decrease in Whole-Body Insulin Sensitivity in Humans. <i>Diabetes</i> , 2002, 51, 1884-1888.	0.6	491
69	UCP5/BMCP1 transcript isoforms in human skeletal muscle: relationship of the short-insert isoform with lipid oxidation and resting metabolic rates. <i>Molecular Genetics and Metabolism</i> , 2002, 75, 369-373.	1.1	15
70	Microarray profiling of skeletal muscle tissues from equally obese, non-diabetic insulin-sensitive and insulin-resistant Pima Indians. <i>Diabetologia</i> , 2002, 45, 1584-1593.	6.3	115
71	Lipoatrophic diabetes and other related syndromes. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2003, 4, 61-77.	5.7	27
72	The relative contributions of insulin resistance and beta-cell dysfunction to the pathophysiology of Type 2 diabetes. <i>Diabetologia</i> , 2003, 46, 3-19.	6.3	1,767
73	Relationship of adiponectin to body fat distribution, insulin sensitivity and plasma lipoproteins: evidence for independent roles of age and sex. <i>Diabetologia</i> , 2003, 46, 459-469.	6.3	1,272
74	Identification of differentially expressed genes in skeletal muscle of non-diabetic insulin-resistant and insulin-sensitive Pima Indians by differential display PCR. <i>Diabetologia</i> , 2003, 46, 1567-1575.	6.3	53

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75	Are left ventricular mass, geometry and function related to vascular changes and/or insulin resistance in long-standing hypertension? ICARUS: a LIFE substudy. <i>Journal of Human Hypertension</i> , 2003, 17, 305-311.	2.2	13
76	The Atherogenic Lipoprotein Profile Associated With Obesity and Insulin Resistance Is Largely Attributable to Intra-Abdominal Fat. <i>Diabetes</i> , 2003, 52, 172-179.	0.6	243
77	Lipoatrophic Diabetes Mellitus. , 2003, , 185-214.		0
78	Insulin Resistance, the Metabolic Syndrome, and Risk of Incident Cardiovascular Disease in Nondiabetic American Indians. <i>Diabetes Care</i> , 2003, 26, 861-867.	8.6	376
79	Insulin resistance is a poor predictor of type 2 diabetes in individuals with no family history of disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2724-2729.	7.1	86
80	A Gly482Ser Missense Mutation in the Peroxisome Proliferator-Activated Receptor γ 3 Coactivator-1 Is Associated With Altered Lipid Oxidation and Early Insulin Secretion in Pima Indians. <i>Diabetes</i> , 2003, 52, 895-898.	0.6	140
81	Microarray gene expression profiling in obesity and insulin resistance. <i>Nutrition</i> , 2004, 20, 134-138.	2.4	29
82	Prevention of Type 2 Diabetes: Insulin Resistance and Beta-Cell Function. <i>Diabetes</i> , 2004, 53, S34-S38.	0.6	127
83	Endogenous glucose production, insulin sensitivity, and insulin secretion in normal glucose-tolerant Pima Indians with low birth weight. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 904-911.	3.4	20
84	Calpain-10: from genome search to function. <i>Diabetes/Metabolism Research and Reviews</i> , 2005, 21, 505-514.	4.0	61
85	Microarray profiling of isolated abdominal subcutaneous adipocytes from obese vs non-obese Pima Indians: increased expression of inflammation-related genes. <i>Diabetologia</i> , 2005, 48, 1776-1783.	6.3	220
86	Variants in Hepatocyte Nuclear Factor 4 Are Modestly Associated With Type 2 Diabetes in Pima Indians. <i>Diabetes</i> , 2005, 54, 3035-3039.	0.6	48
87	Public Policy and Obesity: The Need to Marry Science with Advocacy. <i>Psychiatric Clinics of North America</i> , 2005, 28, 235-252.	1.3	36
88	Partial Replacement of Waxy Cornstarch by Recrystallized Amylose Retards the Development of Insulin Resistance in Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 2429-2436.	1.3	3
89	Stability of Body Weight in Type 2 Diabetes. <i>Diabetes Care</i> , 2006, 29, 493-497.	8.6	44
90	The effect of insulin on net lipid oxidation predicts worsening of insulin resistance and development of type 2 diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E264-E269.	3.5	13
91	Prevention of Type 2 diabetes: fact or fiction?. <i>Expert Opinion on Pharmacotherapy</i> , 2007, 8, 3147-3158.	1.8	30
92	Variants in the Cav2.3 (α 1E) Subunit of Voltage-Activated Ca^{2+} Channels Are Associated With Insulin Resistance and Type 2 Diabetes in Pima Indians. <i>Diabetes</i> , 2007, 56, 3089-3094.	0.6	31

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93	Pioglitazone in the management of Type 2 diabetes and beyond. Therapy: Open Access in Clinical Medicine, 2007, 4, 517-533.	0.2	3
94	Low adiponectin levels are associated with renal cell carcinoma: A case-control study. International Journal of Cancer, 2007, 120, 1573-1578.	5.1	117
95	Acute insulin response is an independent predictor of type 2 diabetes mellitus in individuals with both normal fasting and 2-h plasma glucose concentrations. Diabetes/Metabolism Research and Reviews, 2007, 23, 304-310.	4.0	45
96	Distribution of Subcutaneous Fat Predicts Insulin Action in Obesity in Sex-specific Manner. Obesity, 2008, 16, 2003-2009.	3.0	31
97	Ethnic heterogeneity in glucoregulatory function during treatment with atypical antipsychotics in patients with schizophrenia. Journal of Psychiatric Research, 2008, 42, 1076-1085.	3.1	41
98	Advances in the development of AMPK-activating compounds. Expert Opinion on Drug Discovery, 2008, 3, 1167-1176.	5.0	9
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100	Differences in Quality of Diabetes Care Between Jews and Arabs in Jerusalem. American Journal of Medical Quality, 2008, 23, 60-65.	0.5	10
101	Effects of Olanzapine and Ziprasidone on Glucose Tolerance in Healthy Volunteers. Neuropsychopharmacology, 2008, 33, 1633-1641.	5.4	91
102	Palmitate action to inhibit glycogen synthase and stimulate protein phosphatase 2A increases with risk factors for type 2 diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E444-E450.	3.5	9
103	A Review of Islet of Langerhans Degeneration in Rodent Models of Type 2 Diabetes. Toxicologic Pathology, 2008, 36, 529-551.	1.8	52
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106	Increased fat accumulation in liver may link insulin resistance with subcutaneous abdominal adipocyte enlargement, visceral adiposity, and hypoadiponectinemia in obese individuals. American Journal of Clinical Nutrition, 2008, 87, 295-302.	4.7	106
107	Macrophage Content in Subcutaneous Adipose Tissue. Diabetes, 2009, 58, 385-393.	0.6	120
108	Influence of Gender, Obesity, and Muscle Lipase Activity on Intramyocellular Lipids in Sedentary Individuals. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3440-3447.	3.6	127
109	Childhood Predictors of Adult Acute Insulin Response and Insulin Action. Diabetes Care, 2009, 32, 938-943.	8.6	15
110	Repeatability and reproducibility of the hyperinsulinemic-euglycemic clamp and the tracer dilution technique in a controlled inpatient setting. Metabolism: Clinical and Experimental, 2009, 58, 304-310.	3.4	16

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111	The effect of salsalate on insulin action and glucose tolerance in obese non-diabetic patients: results of a randomised double-blind placebo-controlled study. <i>Diabetologia</i> , 2009, 52, 385-393.	6.3	115
112	mRNA concentrations of MIF in subcutaneous abdominal adipose cells are associated with adipocyte size and insulin action. <i>International Journal of Obesity</i> , 2009, 33, 842-850.	3.4	33
113	Improvements in Insulin Sensitivity Are Blunted by Subclinical Hypothyroidism. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 265-269.	0.4	26
114	Insulin resistance at the crossroads of metabolic syndrome: Systemic analysis using microarrays. <i>Biotechnology Journal</i> , 2010, 5, 919-929.	3.5	15
115	Assessment of non- β -insulin-mediated glucose uptake: association with body fat and glycemic status. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1396-1401.	3.4	11
116	Urinary C-peptide Excretion: A Novel Alternate Measure of Insulin Sensitivity in Physiological Conditions. <i>Obesity</i> , 2010, 18, 1852-1857.	3.0	10
117	Effect of a 3-day high-fat feeding period on carbohydrate balance and ad libitum energy intake in humans. <i>International Journal of Obesity</i> , 2010, 34, 886-891.	3.4	15
118	Functional Variants in <i>MBL2</i> Are Associated With Type 2 Diabetes and Pre-Diabetes Traits in Pima Indians and the Old Order Amish. <i>Diabetes</i> , 2010, 59, 2080-2085.	0.6	16
119	Monogenic Diabetes Secondary to Congenital Lipodystrophy in a 14-year-old Yemeni Girl-Case Report. <i>JCRPE Journal of Clinical Research in Pediatric Endocrinology</i> , 2010, 2, 176-179.	0.9	9
120	Obesity: A Public Health Approach. <i>Psychiatric Clinics of North America</i> , 2011, 34, 895-909.	1.3	28
121	HLA-DRB1 reduces the risk of type 2 diabetes mellitus by increased insulin secretion. <i>Diabetologia</i> , 2011, 54, 1684-1692.	6.3	33
122	Skeletal Muscle Mitochondrial Capacity and Insulin Resistance in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1160-1168.	3.6	64
123	Defining Insulin Resistance From Hyperinsulinemic-Euglycemic Clamps. <i>Diabetes Care</i> , 2012, 35, 1605-1610.	8.6	211
124	Revisiting the diacylglycerol-induced insulin resistance hypothesis. <i>Obesity Reviews</i> , 2012, 13, 40-50.	6.5	49
125	Decreasing Postprandial Plasma Glucose Using an α -Glucosidase Inhibitor in Subjects with IGT for the Prevention of Type 2 Diabetes Mellitus: The STOP-NIDDM Trial. , 2012, , 167-187.		1
126	Postprandial whole-body glycolysis is similar in insulin-resistant and insulin-sensitive non-diabetic humans. <i>Diabetologia</i> , 2012, 55, 737-742.	6.3	14
127	Strong Parent-of-Origin Effects in the Association of <i>KCNQ1</i> Variants With Type 2 Diabetes in American Indians. <i>Diabetes</i> , 2013, 62, 2984-2991.	0.6	60
128	A Genome-Wide Search for Type 2 Diabetes Susceptibility Genes in an Extended Arab Family. <i>Annals of Human Genetics</i> , 2013, 77, 488-503.	0.8	28

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129	Serum Uric Acid Predicts Both Current and Future Components of the Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2013, 11, 157-162.	1.3	51
130	Dietary Fats as Mediators of Obesity, Inflammation, and Colon Cancer. , 2013, , 99-132.		3
131	Adipose tissue expression of <i>WATC1</i> gene is associated with lower fat mass and enhanced insulin sensitivity in humans. <i>Obesity</i> , 2013, 21, 2244-2248.	3.0	13
132	Ethnic differences in leptin and adiponectin levels between Greenlandic Inuit and Danish children. <i>International Journal of Circumpolar Health</i> , 2013, 72, 21458.	1.2	3
133	Effect of 8 Weeks of Overfeeding on Ectopic Fat Deposition and Insulin Sensitivity: Testing the "Adipose Tissue Expandability" Hypothesis. <i>Diabetes Care</i> , 2014, 37, 2789-2797.	8.6	117
134	Relationship between whole-body macronutrient oxidative partitioning and pancreatic insulin secretion/ β -cell function in non-diabetic humans. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1426-1431.	3.4	8
135	Whole exome sequencing identifies variation in <i>CYB5A</i> and <i>RNF10</i> associated with adiposity and type 2 diabetes. <i>Obesity</i> , 2014, 22, 984-988.	3.0	37
136	Hepatic insulin clearance is the primary determinant of insulin sensitivity in the normal dog. <i>Obesity</i> , 2014, 22, 1238-1245.	3.0	51
137	Lipid in skeletal muscle myotubes is associated to the donors' insulin sensitivity and physical activity phenotypes. <i>Obesity</i> , 2014, 22, 426-434.	3.0	22
138	Berardinelli-Seip syndrome type 1 in an Egyptian child. <i>Indian Journal of Human Genetics</i> , 2014, 20, 75.	0.7	8
139	Weight Gain Reveals Dramatic Increases in Skeletal Muscle Extracellular Matrix Remodeling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1749-1757.	3.6	59
140	Common genetic variation in the glucokinase gene (<i>GCK</i>) is associated with type 2 diabetes and rates of carbohydrate oxidation and energy expenditure. <i>Diabetologia</i> , 2014, 57, 1382-1390.	6.3	28
141	Effect of maternal age at childbirth on insulin resistance: the 2010 Korean National Health and Nutrition Examination Survey. <i>Clinical Endocrinology</i> , 2015, 82, 824-830.	2.4	4
142	Adipose tissue and metabolic syndrome: too much, too little or neither. <i>European Journal of Clinical Investigation</i> , 2015, 45, 1209-1217.	3.4	129
143	Eight weeks of dietary overfeeding increases renal filtration rates in humans: implications for the pathogenesis of diabetic hyperfiltration. <i>Journal of Internal Medicine</i> , 2015, 278, 396-400.	6.0	2
144	The effect of differing patterns of childhood body mass index gain on adult physiology in American Indian children. <i>Obesity</i> , 2015, 23, 1872-1880.	3.0	8
145	Effect of serial cell passaging in the retention of fiber type and mitochondrial content in primary human myotubes. <i>Obesity</i> , 2015, 23, 2414-2420.	3.0	2
146	Fasting Hyperglycemia Predicts Lower Rates of Weight Gain by Increased Energy Expenditure and Fat Oxidation Rate. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1078-1087.	3.6	26

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147	Tâ€cell receptor repertoire variation may be associated with type 2 diabetes mellitus in humans. Diabetes/Metabolism Research and Reviews, 2016, 32, 297-307.	4.0	13
148	Overnutrition, Ectopic Lipid and the Metabolic Syndrome. Journal of Investigative Medicine, 2016, 64, 1082-1086.	1.6	62
149	Higher circulating leukocytes in women with PCOS is reversed by aerobic exercise. Biochimie, 2016, 124, 27-33.	2.6	37
150	Metabolic syndrome update. Trends in Cardiovascular Medicine, 2016, 26, 364-373.	4.9	576
151	Pioglitazone-induced improvements in insulin sensitivity occur without concomitant changes in muscle mitochondrial function. Metabolism: Clinical and Experimental, 2017, 69, 24-32.	3.4	23
152	Changes in glycemia, insulin and gut hormone responses to a slowly ingested solid low-carbohydrate mixed meal after laparoscopic gastric bypass or band surgery. International Journal of Obesity, 2017, 41, 706-713.	3.4	17
153	Eight weeks of overfeeding alters substrate partitioning without affecting metabolic flexibility in men. International Journal of Obesity, 2017, 41, 887-893.	3.4	11
154	Intramyocellular Lipid Droplet Size Rather Than Total Lipid Content is Related to Insulin Sensitivity After 8 Weeks of Overfeeding. Obesity, 2017, 25, 2079-2087.	3.0	22
155	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	12.8	147
156	Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. Nature Genetics, 2017, 49, 17-26.	21.4	452
157	Metabolic inflexibility in women with PCOS is similar to women with type 2 diabetes. Nutrition and Metabolism, 2018, 15, 75.	3.0	17
158	The Expression of Adipose Tissue-Derived Cardiotrophin-1 in Humans with Obesity. Biology, 2019, 8, 24.	2.8	8
159	FOXN3 hyperglycemic risk allele and insulin sensitivity in humans. BMJ Open Diabetes Research and Care, 2019, 7, e000688.	2.8	5
160	Pathophysiological role of metabolic flexibility on metabolic health. Obesity Reviews, 2021, 22, e13131.	6.5	39
161	Prostaglandin EP3 receptor signaling is required to prevent insulin hypersecretion and metabolic dysfunction in a non-obese mouse model of insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E479-E489.	3.5	4
163	Pathophysiology of Type 2 Diabetes Mellitus. Handbook of Experimental Pharmacology, 1996, , 7-42.	1.8	7
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