

Silva A Arslanian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

188
papers

14,033
citations

60
h-index

115
g-index

200
ext. papers

16,197
ext. citations

7.5
avg, IF

6.48
L-index

#	Paper	IF	Citations
188	The metabolic syndrome in children and adolescents - an IDF consensus report. <i>Pediatric Diabetes</i> , 2007 , 8, 299-306	3.6	1143
187	Diagnosis and treatment of polycystic ovary syndrome: an Endocrine Society clinical practice guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4565-92	5.6	1000
186	The metabolic syndrome in children and adolescents. <i>Lancet, The</i> , 2007 , 369, 2059-61	4.0	644
185	A clinical trial to maintain glycemic control in youth with type 2 diabetes. <i>New England Journal of Medicine</i> , 2012 , 366, 2247-56	59.2	614
184	Pediatric Obesity-Assessment, Treatment, and Prevention: An Endocrine Society Clinical Practice Guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 709-757	5.6	485
183	Validation of surrogate estimates of insulin sensitivity and insulin secretion in children and adolescents. <i>Journal of Pediatrics</i> , 2004 , 144, 47-55	3.6	375
182	Effect of metformin in pediatric patients with type 2 diabetes: a randomized controlled trial. <i>Diabetes Care</i> , 2002 , 25, 89-94	14.6	303
181	Obesity, regional fat distribution, and syndrome X in obese black versus white adolescents: race differential in diabetogenic and atherogenic risk factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 2534-40	5.6	281
180	Effects of aerobic versus resistance exercise without caloric restriction on abdominal fat, intrahepatic lipid, and insulin sensitivity in obese adolescent boys: a randomized, controlled trial. <i>Diabetes</i> , 2012 , 61, 2787-95	0.9	274
179	Insulin resistance in children: consensus, perspective, and future directions. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 5189-98	5.6	268
178	Early metabolic abnormalities in adolescent girls with polycystic ovarian syndrome. <i>Journal of Pediatrics</i> , 2001 , 138, 38-44	3.6	232
177	Longitudinal study of physiologic insulin resistance and metabolic changes of puberty. <i>Pediatric Research</i> , 2006 , 60, 759-63	3.2	229
176	Waist circumference is an independent predictor of insulin resistance in black and white youths. <i>Journal of Pediatrics</i> , 2006 , 148, 188-94	3.6	222
175	Adiponectin in youth: relationship to visceral adiposity, insulin sensitivity, and beta-cell function. <i>Diabetes Care</i> , 2004 , 27, 547-52	14.6	218
174	Glucose intolerance in obese adolescents with polycystic ovary syndrome: roles of insulin resistance and beta-cell dysfunction and risk of cardiovascular disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 66-71	5.6	209
173	Metformin therapy in obese adolescents with polycystic ovary syndrome and impaired glucose tolerance: amelioration of exaggerated adrenal response to adrenocorticotropin with reduction of insulinemia/insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 1555-9	5.6	205
172	Hyperinsulinemia in african-american children: decreased insulin clearance and increased insulin secretion and its relationship to insulin sensitivity. <i>Diabetes</i> , 2002 , 51, 3014-9	0.9	200

171	Metabolomic profiling of fatty acid and amino acid metabolism in youth with obesity and type 2 diabetes: evidence for enhanced mitochondrial oxidation. <i>Diabetes Care</i> , 2012 , 35, 605-11	14.6	182
170	Changing prevalence of overweight children and adolescents at onset of insulin-treated diabetes. <i>Diabetes Care</i> , 2003 , 26, 2871-5	14.6	176
169	Type 2 diabetes mellitus in minority children and adolescents. An emerging problem. <i>Endocrinology and Metabolism Clinics of North America</i> , 1999 , 28, 709-29, viii	5.5	164
168	Differences in the in vivo insulin secretion and sensitivity of healthy black versus white adolescents. <i>Journal of Pediatrics</i> , 1996 , 129, 440-3	3.6	164
167	The Diagnosis of Polycystic Ovary Syndrome during Adolescence. <i>Hormone Research in Paediatrics</i> , 2015 ,	3.3	161
166	Response to Letter: "Pediatric Obesity-Assessment, Treatment, and Prevention: An Endocrine Society Clinical Practice Guideline". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2123-2124	5.6	135
165	Vitamin D status, adiposity, and lipids in black American and Caucasian children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1560-7	5.6	131
164	Comparison of different definitions of pediatric metabolic syndrome: relation to abdominal adiposity, insulin resistance, adiponectin, and inflammatory biomarkers. <i>Journal of Pediatrics</i> , 2008 , 152, 177-84	3.6	131
163	Waist circumference, blood pressure, and lipid components of the metabolic syndrome. <i>Journal of Pediatrics</i> , 2006 , 149, 809-16	3.6	128
162	Evaluation and Management of Youth-Onset Type 2 Diabetes: A Position Statement by the American Diabetes Association. <i>Diabetes Care</i> , 2018 , 41, 2648-2668	14.6	127
161	Youth type 2 diabetes: insulin resistance, beta-cell failure, or both?. <i>Diabetes Care</i> , 2005 , 28, 638-44	14.6	124
160	Correlations between fatty acid and glucose metabolism. Potential explanation of insulin resistance of puberty. <i>Diabetes</i> , 1994 , 43, 908-14	0.9	124
159	A Randomized, Controlled Trial of Liraglutide for Adolescents with Obesity. <i>New England Journal of Medicine</i> , 2020 , 382, 2117-2128	59.2	120
158	Mild hypoglycemia associated with deterioration of mental efficiency in children with insulin-dependent diabetes mellitus. <i>Journal of Pediatrics</i> , 1990 , 117, 32-8	3.6	116
157	Early signs of cardiovascular disease in youth with obesity and type 2 diabetes. <i>Diabetes Care</i> , 2005 , 28, 1219-21	14.6	110
156	ISPAD Clinical Practice Consensus Guidelines 2018: Type 2 diabetes mellitus in youth. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 28-46	3.6	109
155	The presence of GAD and IA-2 antibodies in youth with a type 2 diabetes phenotype: results from the TODAY study. <i>Diabetes Care</i> , 2010 , 33, 1970-5	14.6	108
154	Insulin secretion and sensitivity in black versus white prepubertal healthy children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 1923-7	5.6	102

153	Family history of type 2 diabetes is associated with decreased insulin sensitivity and an impaired balance between insulin sensitivity and insulin secretion in white youth. <i>Diabetes Care</i> , 2005 , 28, 115-9	14.6	101
152	Aerobic exercise but not resistance exercise reduces intrahepatic lipid content and visceral fat and improves insulin sensitivity in obese adolescent girls: a randomized controlled trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E1222-9	6	99
151	Type 2 diabetes in children: clinical aspects and risk factors. <i>Hormone Research in Paediatrics</i> , 2002 , 57 Suppl 1, 19-28	3.3	99
150	From pre-diabetes to type 2 diabetes in obese youth: pathophysiological characteristics along the spectrum of glucose dysregulation. <i>Diabetes Care</i> , 2010 , 33, 2225-31	14.6	96
149	Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: I. Observations Using the Hyperglycemic Clamp. <i>Diabetes Care</i> , 2018 , 41, 1696-1706	14.6	89
148	Surrogate estimates of insulin sensitivity in obese youth along the spectrum of glucose tolerance from normal to prediabetes to diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2136-45	5.6	87
147	Are obesity-related metabolic risk factors modulated by the degree of insulin resistance in adolescents?. <i>Diabetes Care</i> , 2006 , 29, 1599-604	14.6	86
146	Testosterone treatment in adolescents with delayed puberty: changes in body composition, protein, fat, and glucose metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 3213-20	5.6	83
145	Insulin resistance: link to the components of the metabolic syndrome and biomarkers of endothelial dysfunction in youth. <i>Diabetes Care</i> , 2007 , 30, 2091-7	14.6	83
144	Progressive beta cell failure in type 2 diabetes mellitus of youth. <i>Journal of Pediatrics</i> , 2004 , 144, 656-9	3.6	83
143	Plasma leptin in children: relationship to puberty, gender, body composition, insulin sensitivity, and energy expenditure. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 309-12	12.7	80
142	OR33-01 Liraglutide for Weight Management in Pubertal Adolescents with Obesity: A Randomized Controlled Trial. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
141	Type 2 diabetes mellitus in youth: the complete picture to date. <i>Pediatric Clinics of North America</i> , 2005 , 52, 1579-609	3.6	78
140	OR33-1 Metabolic Inflexibility in Obese versus Lean Women with Polycystic Ovary Syndrome (PCOS): Is PCOS Status or Adiposity the Critical Factor?. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
139	The changing face of diabetes in youth: lessons learned from studies of type 2 diabetes. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1353, 113-37	6.5	74
138	Sexual dimorphism in insulin sensitivity in adolescents with insulin-dependent diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1991 , 72, 920-6	5.6	74
137	Impact of Insulin and Metformin Versus Metformin Alone on ECell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. <i>Diabetes Care</i> , 2018 , 41, 1717-1725	14.6	74
136	In vivo insulin sensitivity and secretion in obese youth: what are the differences between normal glucose tolerance, impaired glucose tolerance, and type 2 diabetes?. <i>Diabetes Care</i> , 2009 , 32, 100-5	14.6	69

135	Phenotypic type 2 diabetes in obese youth: insulin sensitivity and secretion in islet cell antibody-negative versus -positive patients. <i>Diabetes</i> , 2009 , 58, 738-44	0.9	66
134	Race and gender differences in the relationships between anthropometrics and abdominal fat in youth. <i>Obesity</i> , 2008 , 16, 1066-71	8	64
133	Triglyceride glucose index as a surrogate measure of insulin sensitivity in obese adolescents with normoglycemia, prediabetes, and type 2 diabetes mellitus: comparison with the hyperinsulinemic-euglycemic clamp. <i>Pediatric Diabetes</i> , 2016 , 17, 458-65	3.6	64
132	Oral disposition index in obese youth from normal to prediabetes to diabetes: relationship to clamp disposition index. <i>Journal of Pediatrics</i> , 2012 , 161, 51-7	3.6	63
131	Declining β cell function relative to insulin sensitivity with escalating OGTT 2-h glucose concentrations in the nondiabetic through the diabetic range in overweight youth. <i>Diabetes Care</i> , 2011 , 34, 2033-40	14.6	63
130	β cell function, incretin effect, and incretin hormones in obese youth along the span of glucose tolerance from normal to prediabetes to type 2 diabetes. <i>Diabetes</i> , 2014 , 63, 3846-55	0.9	60
129	Hyperinsulinemia in African-American adolescents compared with their American white peers despite similar insulin sensitivity: a reflection of upregulated beta-cell function?. <i>Diabetes Care</i> , 2008 , 31, 1445-7	14.6	60
128	Progressive deterioration of β cell function in obese youth with type 2 diabetes. <i>Pediatric Diabetes</i> , 2013 , 14, 106-11	3.6	59
127	Type 2 diabetes mellitus in children: pathophysiology and risk factors. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2000 , 13 Suppl 6, 1385-94	1.6	58
126	Metabolomic profiling of amino acids and β cell function relative to insulin sensitivity in youth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E2119-24	5.6	56
125	Leptin before and after insulin therapy in children with new-onset type 1 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 1524-6	5.6	54
124	Effects of acute hyperglycemia on mental efficiency and counterregulatory hormones in adolescents with insulin-dependent diabetes mellitus. <i>Journal of Pediatrics</i> , 1995 , 126, 178-84	3.6	54
123	Liraglutide's safety, tolerability, pharmacokinetics, and pharmacodynamics in pediatric type 2 diabetes: a randomized, double-blind, placebo-controlled trial. <i>Diabetes Technology and Therapeutics</i> , 2014 , 16, 679-87	8.1	53
122	Identification, pathophysiology, and clinical implications of primary insulin hypersecretion in nondiabetic adults and adolescents. <i>JCI Insight</i> , 2018 , 3,	9.9	53
121	Declining beta-cell function relative to insulin sensitivity with increasing fasting glucose levels in the nondiabetic range in children. <i>Diabetes Care</i> , 2010 , 33, 2024-30	14.6	51
120	Insulin secretion and sensitivity in healthy African-American vs American white children. <i>Clinical Pediatrics</i> , 1998 , 37, 81-8	1.2	51
119	Review of methods for measuring β cell function: Design considerations from the Restoring Insulin Secretion (RISE) Consortium. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 14-24	6.7	50
118	In vivo insulin sensitivity and lipoprotein particle size and concentration in black and white children. <i>Diabetes Care</i> , 2009 , 32, 2087-93	14.6	50

117	The Shape of the Glucose Response Curve During an Oral Glucose Tolerance Test Heralds Biomarkers of Type 2 Diabetes Risk in Obese Youth. <i>Diabetes Care</i> , 2016 , 39, 1431-9	14.6	49
116	Measures of beta-cell function during the oral glucose tolerance test, liquid mixed-meal test, and hyperglycemic clamp test. <i>Journal of Pediatrics</i> , 2008 , 152, 618-21	3.6	44
115	Adipose Tissue Insulin Resistance in Youth on the Spectrum From Normal Weight to Obese and From Normal Glucose Tolerance to Impaired Glucose Tolerance to Type 2 Diabetes. <i>Diabetes Care</i> , 2019 , 42, 265-272	14.6	44
114	Type II diabetes mellitus: no longer just adults. <i>Pediatric Annals</i> , 1999 , 28, 589-93	1.3	43
113	Surrogate lipid markers for small dense low-density lipoprotein particles in overweight youth. <i>Journal of Pediatrics</i> , 2012 , 161, 991-6	3.6	41
112	25-hydroxyvitamin D concentrations and in vivo insulin sensitivity and β cell function relative to insulin sensitivity in black and white youth. <i>Diabetes Care</i> , 2012 , 35, 627-33	14.6	40
111	Sleep-disordered breathing in obese adolescents is associated with visceral adiposity and markers of insulin resistance. <i>Pediatric Obesity</i> , 2011 , 6, 157-60		40
110	Insulin sensitivity across the lifespan from obese adolescents to obese adults with impaired glucose tolerance: Who is worse off?. <i>Pediatric Diabetes</i> , 2018 , 19, 205-211	3.6	39
109	Treatment of PCOS in adolescence. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2006 , 20, 311-30	6.5	39
108	Insulin Sensitivity and Diabetic Kidney Disease in Children and Adolescents With Type 2 Diabetes: An Observational Analysis of Data From the TODAY Clinical Trial. <i>American Journal of Kidney Diseases</i> , 2018 , 71, 65-74	7.4	38
107	Insulin glargine versus intermediate-acting insulin as the basal component of multiple daily injection regimens for adolescents with type 1 diabetes mellitus. <i>Journal of Pediatrics</i> , 2008 , 153, 547-53	3.6	37
106	Progression from normal glucose tolerance to type 2 diabetes in a young girl: longitudinal changes in insulin sensitivity and secretion assessed by the clamp technique and surrogate estimates. <i>Pediatric Diabetes</i> , 2005 , 6, 95-9	3.6	37
105	25-Hydroxyvitamin D in obese youth across the spectrum of glucose tolerance from normal to prediabetes to type 2 diabetes. <i>Diabetes Care</i> , 2013 , 36, 2048-53	14.6	36
104	Skeletal muscle lipid content and insulin sensitivity in black versus white obese adolescents: is there a race differential?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2426-32	5.6	36
103	Use of markers of dyslipidemia to identify overweight youth with insulin resistance. <i>Pediatric Diabetes</i> , 2006 , 7, 260-6	3.6	36
102	Determinants of glycemic control in youth with type 2 diabetes at randomization in the TODAY study. <i>Pediatric Diabetes</i> , 2012 , 13, 376-83	3.6	35
101	HbA(1c) diagnostic categories and β cell function relative to insulin sensitivity in overweight/obese adolescents. <i>Diabetes Care</i> , 2012 , 35, 2559-63	14.6	35
100	Type 2 diabetes in childhood: the American perspective. <i>Hormone Research in Paediatrics</i> , 2003 , 59 Suppl 1, 69-76	3.3	34

99	Early Biomarkers of Subclinical Atherosclerosis in Obese Adolescent Girls with Polycystic Ovary Syndrome. <i>Journal of Pediatrics</i> , 2016 , 168, 104-111.e1	3.6	33
98	Racial differences in adiponectin in youth: relationship to visceral fat and insulin sensitivity. <i>Diabetes Care</i> , 2006 , 29, 51-6	14.6	33
97	Type 2 diabetes in youth: are there racial differences in β cell responsiveness relative to insulin sensitivity?. <i>Pediatric Diabetes</i> , 2012 , 13, 259-65	3.6	32
96	Treatment of type 2 diabetes in youth. <i>Diabetes Care</i> , 2011 , 34 Suppl 2, S177-83	14.6	32
95	Drospirenone/ethinyl estradiol versus rosiglitazone treatment in overweight adolescents with polycystic ovary syndrome: comparison of metabolic, hormonal, and cardiovascular risk factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 1311-9	5.6	32
94	Increased Lipolysis, Diminished Adipose Tissue Insulin Sensitivity, and Impaired β Cell Function Relative to Adipose Tissue Insulin Sensitivity in Obese Youth With Impaired Glucose Tolerance. <i>Diabetes</i> , 2017 , 66, 3085-3090	0.9	31
93	Measurement site of visceral adipose tissue and prediction of metabolic syndrome in youth. <i>Pediatric Diabetes</i> , 2011 , 12, 250-7	3.6	31
92	Prevention and treatment of type 2 diabetes in youth. <i>Hormone Research in Paediatrics</i> , 2007 , 67, 22-34	3.3	31
91	Cardiorespiratory fitness in youth: relationship to insulin sensitivity and beta-cell function. <i>Obesity</i> , 2006 , 14, 1579-85	8	31
90	Lack of Durable Improvements in β Cell Function Following Withdrawal of Pharmacological Interventions in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. <i>Diabetes Care</i> , 2019 , 42, 1742-1751	14.6	30
89	One-hour plasma glucose concentration during the OGTT: what does it tell about β cell function relative to insulin sensitivity in overweight/obese children?. <i>Pediatric Diabetes</i> , 2011 , 12, 572-9	3.6	29
88	Pathophysiology of type 2 diabetes mellitus in youth: the evolving chameleon. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2009 , 53, 165-74		28
87	Menstrual health and the metabolic syndrome in adolescents. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1135, 85-94	6.5	28
86	Ghrelin and peptide YY in youth: are there race-related differences?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3117-22	5.6	28
85	Dihydrotestosterone treatment in adolescents with delayed puberty: does it explain insulin resistance of puberty?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 4881-6	5.6	27
84	Lipolysis in African-American children: is it a metabolic risk factor predisposing to obesity?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3022-6	5.6	27
83	Impaired Lipolysis, Diminished Fat Oxidation, and Metabolic Inflexibility in Obese Girls With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 546-554	5.6	26
82	Relationship Between Parental Diabetes and Presentation of Metabolic and Glycemic Function in Youth With Type 2 Diabetes: Baseline Findings From the TODAY Trial. <i>Diabetes Care</i> , 2016 , 39, 110-7	14.6	26

81	Coronary artery calcification in obese youth: what are the phenotypic and metabolic determinants?. <i>Diabetes Care</i> , 2014 , 37, 2632-9	14.6	25
80	Islet cell antibody-positive versus -negative phenotypic type 2 diabetes in youth: does the oral glucose tolerance test distinguish between the two?. <i>Diabetes Care</i> , 2010 , 33, 632-8	14.6	25
79	Insulin resistance of puberty in African-American children: lack of a compensatory increase in insulin secretion. <i>Pediatric Diabetes</i> , 2002 , 3, 4-9	3.6	25
78	Depressive symptoms and metabolic markers of risk for type 2 diabetes in obese adolescents. <i>Pediatric Diabetes</i> , 2013 , 14, 497-503	3.6	24
77	Effects of Exercise Modality on Insulin Resistance and Ectopic Fat in Adolescents with Overweight and Obesity: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2019 , 206, 91-98.e1	3.6	24
76	Brain volume and white matter in youth with type 2 diabetes compared to obese and normal weight, non-diabetic peers: A pilot study. <i>International Journal of Developmental Neuroscience</i> , 2015 , 46, 88-91	2.7	23
75	Adiponectin, Insulin Sensitivity, β Cell Function, and Racial/Ethnic Disparity in Treatment Failure Rates in TODAY. <i>Diabetes Care</i> , 2017 , 40, 85-93	14.6	23
74	Measuring β cell function relative to insulin sensitivity in youth: does the hyperglycemic clamp suffice?. <i>Diabetes Care</i> , 2013 , 36, 1607-12	14.6	23
73	Does adiponectin explain the lower insulin sensitivity and hyperinsulinemia of African-American children?. <i>Pediatric Diabetes</i> , 2005 , 6, 100-2	3.6	23
72	Pathophysiology of type 2 diabetes mellitus in children and adolescents: treatment implications. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2002 , 1, 359-71		23
71	Anti-Müllerian Hormone in Obese Adolescent Girls With Polycystic Ovary Syndrome. <i>Journal of Adolescent Health</i> , 2017 , 60, 333-339	5.8	22
70	Polycystic ovary syndrome and nonalcoholic fatty liver in obese adolescents: association with metabolic risk profile. <i>Fertility and Sterility</i> , 2013 , 100, 1745-51	4.8	22
69	Morning blood pressure is associated with sleep quality in obese adolescents. <i>Journal of Pediatrics</i> , 2014 , 164, 313-7	3.6	20
68	Polycystic ovary syndrome in adolescents: is there an epidemic?. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2002 , 9, 32-42		20
67	Fasting and 2-hour plasma glucose and insulin: relationship with risk factors for cardiovascular disease in overweight nondiabetic children. <i>Diabetes Care</i> , 2010 , 33, 2674-6	14.6	19
66	Clamp techniques in paediatrics: what have we learned?. <i>Hormone Research in Paediatrics</i> , 2005 , 64 Suppl 3, 16-24	3.3	19
65	Impact of Gastric Banding Versus Metformin on β Cell Function in Adults With Impaired Glucose Tolerance or Mild Type 2 Diabetes. <i>Diabetes Care</i> , 2018 , 41, 2544-2551	14.6	19
64	Effect of vitamin D3 supplementation on vascular and metabolic health of vitamin D-deficient overweight and obese children: a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 757-768	7	18

63	Distinguishing characteristics of metabolically healthy versus metabolically unhealthy obese adolescent girls with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2016 , 105, 1603-11	4.8	17
62	Effects of an overnight intravenous lipid infusion on intramyocellular lipid content and insulin sensitivity in African-American versus Caucasian adolescents. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 417-23	12.7	17
61	βCell lipotoxicity in response to free fatty acid elevation in prepubertal youth: African American versus Caucasian contrast. <i>Diabetes</i> , 2013 , 62, 2917-22	0.9	17
60	Whole-body MRI and ethnic differences in adipose tissue and skeletal muscle distribution in overweight black and white adolescent boys. <i>Journal of Obesity</i> , 2011 , 2011, 159373	3.7	17
59	Insulin secretion, insulin sensitivity and diabetes in black children. <i>Trends in Endocrinology and Metabolism</i> , 1998 , 9, 194-9	8.8	17
58	Comparison of maximal oxygen consumption between black and white prepubertal and pubertal children. <i>Pediatric Research</i> , 2004 , 56, 706-13	3.2	17
57	The Shape of the Glucose Response Curve During an Oral Glucose Tolerance Test: Forerunner of Heightened Glycemic Failure Rates and Accelerated Decline in βCell Function in TODAY. <i>Diabetes Care</i> , 2019 , 42, 164-172	14.6	17
56	Defective Amplifying Pathway of βCell Secretory Response to Glucose in Type 2 Diabetes: Integrated Modeling of In Vitro and In Vivo Evidence. <i>Diabetes</i> , 2018 , 67, 496-506	0.9	17
55	Metabolic differences between Caucasian and African-American children and the relationship to type 2 diabetes mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2002 , 15 Suppl 1, 509-17	1.6	17
54	Pre-diabetes in overweight youth and early atherogenic risk. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1528-35	12.7	16
53	Waist circumference, atherogenic lipoproteins, and vascular smooth muscle biomarkers in children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 4914-22	5.6	16
52	Differences in βcell function and insulin secretion in Black vs. White obese adolescents: do incretin hormones play a role?. <i>Pediatric Diabetes</i> , 2017 , 18, 143-151	3.6	15
51	Menstrual Dysfunction in Girls From the Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2309-2318	5.6	15
50	βCell lipotoxicity after an overnight intravenous lipid challenge and free fatty acid elevation in African American versus American white overweight/obese adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2062-9	5.6	15
49	Cross-sectional association between blood pressure, in vivo insulin sensitivity and adiponectin in overweight adolescents. <i>Hormone Research in Paediatrics</i> , 2011 , 76, 379-85	3.3	15
48	Obesity and youth diabetes: distinguishing characteristics between islet cell antibody positive vs. negative patients over time. <i>Pediatric Diabetes</i> , 2015 , 16, 375-81	3.6	14
47	Implications of type 2 diabetes on adolescent reproductive health risk: an expert model. <i>The Diabetes Educator</i> , 2010 , 36, 911-9	2.5	14
46	Effects of an intravenous lipid challenge and free fatty acid elevation on in vivo insulin sensitivity in African American versus Caucasian adolescents. <i>Diabetes Care</i> , 2009 , 32, 355-60	14.6	14

45	Fat oxidation in black and white youth: a metabolic phenotype potentially predisposing black girls to obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4547-51	5.6	14
44	Optimal management of polycystic ovary syndrome in adolescence. <i>Archives of Disease in Childhood</i> , 2015 , 100, 1076-83	2.2	13
43	Indices of insulin secretion during a liquid mixed-meal test in obese youth with diabetes. <i>Journal of Pediatrics</i> , 2013 , 162, 924-9	3.6	12
42	Comparison of maximal oxygen consumption between obese black and white adolescents. <i>Pediatric Research</i> , 2005 , 58, 478-82	3.2	11
41	Ovarian responses to hCG stimulation: insulin resistance/hyperinsulinaemia vs. insulin deficiency. <i>Clinical Endocrinology</i> , 1999 , 51, 127-30	3.4	10
40	βCell function, incretin response, and insulin sensitivity of glucose and fat metabolism in obese youth: Relationship to OGTT-time-to-glucose-peak. <i>Pediatric Diabetes</i> , 2020 , 21, 18-27	3.6	10
39	Waist circumference is associated with liver fat in black and white adolescents. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 829-833	3	8
38	Circulating unmethylated CHTOP and INS DNA fragments provide evidence of possible islet cell death in youth with obesity and diabetes. <i>Clinical Epigenetics</i> , 2020 , 12, 116	7.7	8
37	Body Composition and Cardiorespiratory Fitness Between Metabolically Healthy Versus Metabolically Unhealthy Obese Black and White Adolescents. <i>Journal of Adolescent Health</i> , 2019 , 64, 327-332	5.8	8
36	Predictors of response to insulin therapy in youth with poorly-controlled type 2 diabetes in the TODAY trial. <i>Pediatric Diabetes</i> , 2019 , 20, 871-879	3.6	7
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