Silva A Arslanian

List of Publications by Year in Descending Order

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	Youth prediabetes and type 2 diabetes: Risk factors and prevalence of dysglycaemia. *Pediatric Obesity*, **2022**, 17, e12841	4.6	1
187	Glucagon-like peptide-1 receptor agonist prescribing patterns in adolescents with type 2 diabetes.. *Diabetes, Obesity and Metabolism*, **2022**,	6.7	1
186	ZnT8 autoantibody prevalence is low in youth with type 2 diabetes and associated with higher insulin sensitivity, lower insulin secretion, and lower disposition index. *Journal of Clinical and Translational Endocrinology*, **2022**, 100300	2.4	
185	Metabolic inflexibility in youth with obesity: Is it a feature of obesity or distinctive of youth who are metabolically unhealthy?. *Clinical Obesity*, **2021**, e12501	3.6	
184	Precision and accuracy of hyperglycemic clamps in a multicenter study. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 320, E797-E807	6	0
183	Liver Fat Reduction After Gastric Banding and Associations with Changes in Insulin Sensitivity and Cell Function. *Obesity*, **2021**, 29, 1155-1163	8	1
182	Hyperglucagonemia Does Not Explain the Cell Hyperresponsiveness and Insulin Resistance in Dysglycemic Youth Compared With Adults: Lessons From the RISE Study. *Diabetes Care*, **2021**, 44, 1961-1969	14.6	2
181	Effects of Exercise on Resting Metabolic Rate in Adolescents with Overweight and Obesity. *Childhood Obesity*, **2021**, 17, 249-256	2.5	2
180	The Shape of the Oral Glucose Tolerance Test-Glucose Response Curve in Islet Cell Antibody-Positive vs. -Negative Obese Youth Clinically Diagnosed with Type 2 Diabetes. *Journal of Obesity and Metabolic Syndrome*, **2021**, 30, 178-183	4.4	
179	Baseline Predictors of Glycemic Worsening in Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes in the Restoring Insulin Secretion (RISE) Study. *Diabetes Care*, **2021**, 44, 1938-1947	14.6	4
178	Effect of Medical and Surgical Interventions on Cell Function in Dysglycemic Youth and Adults in the RISE Study. *Diabetes Care*, **2021**, 44, 1948-1960	14.6	2
177	Treatment of Gestational Diabetes Mellitus and Offspring Early Childhood Growth. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e1849-e1858	5.6	0
176	OGTT Glucose Response Curves, Insulin Sensitivity, and Cell Function in RISE: Comparison Between Youth and Adults at Randomization and in Response to Interventions to Preserve Cell Function. *Diabetes Care*, **2021**, 44, 817-825	14.6	7
175	Separate and combined relationships for cardiorespiratory fitness and muscular strength with visceral fat and insulin sensitivity in adolescents with obesity. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 945-951	3	
174	New Insights on the Interactions Between Insulin Clearance and the Main Glucose Homeostasis Mechanisms. *Diabetes Care*, **2021**, 44, 2115-2123	14.6	5
173	Longitudinal changes in vascular stiffness and heart rate variability among young adults with youth-onset type 2 diabetes: results from the follow-up observational treatment options for type 2 diabetes in adolescents and youth (TODAY) study. *Acta Diabetologica*, **2021**, 1	3.9	2
172	Mobile Health and Telehealth Interventions to Increase Physical Activity in Adolescents with Obesity: a Promising Approach to Engaging a Hard-to-Reach Population. *Current Obesity Reports*, **2021**, 1	8.4	2

171	OR33-01 Liraglutide for Weight Management in Pubertal Adolescents with Obesity: A Randomized Controlled Trial. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
170	A Randomized, Controlled Trial of Liraglutide for Adolescents with Obesity. *New England Journal of Medicine*, **2020**, 382, 2117-2128	59.2	120
169	Beta cell function and insulin sensitivity in obese youth with maturity onset diabetes of youth mutations vs type 2 diabetes in TODAY: Longitudinal observations and glycemic failure. *Pediatric Diabetes*, **2020**, 21, 575-585	3.6	1
168	Effect of vitamin D3 supplementation on vascular and metabolic health of vitamin D-deficient overweight and obese children: a randomized clinical trial. *American Journal of Clinical Nutrition*, **2020**, 111, 757-768	7	18
167	Techniques to Assess Insulin Action in Youth. *Contemporary Endocrinology*, **2020**, 19-35	0.3	
166	Cell function, incretin response, and insulin sensitivity of glucose and fat metabolism in obese youth: Relationship to OGTT-time-to-glucose-peak. *Pediatric Diabetes*, **2020**, 21, 18-27	3.6	10
165	Withdrawal of medications leads to worsening of OGTT parameters in youth with impaired glucose tolerance or recently-diagnosed type 2 diabetes. *Pediatric Diabetes*, **2020**, 21, 1437-1446	3.6	3
164	Effects of exercise modality on body composition and cardiovascular disease risk factors in adolescents with obesity: a randomized clinical trial. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, 1377-1386	3	3
163	Circulating unmethylated CHTOP and INS DNA fragments provide evidence of possible islet cell death in youth with obesity and diabetes. *Clinical Epigenetics*, **2020**, 12, 116	7.7	8
162	Cells in youth with impaired glucose tolerance or early type 2 diabetes secrete more insulin and are more responsive than in adults. *Pediatric Diabetes*, **2020**, 21, 1421-1429	3.6	5
161	Cell impairment and clinically meaningful alterations in glycemia in obese youth across the glucose tolerance spectrum. *Metabolism: Clinical and Experimental*, **2020**, 112, 154346	12.7	
160	Lack of Durable Improvements in Cell Function Following Withdrawal of Pharmacological Interventions in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. *Diabetes Care*, **2019**, 42, 1742-1751	14.6	30
159	Predictors of response to insulin therapy in youth with poorly-controlled type 2 diabetes in the TODAY trial. *Pediatric Diabetes*, **2019**, 20, 871-879	3.6	7
158	Obesity and insulin sensitivity effects on cardiovascular risk factors: Comparisons of obese dysglycemic youth and adults. *Pediatric Diabetes*, **2019**, 20, 849-860	3.6	0
157	OR33-1 Metabolic Inflexibility in Obese versus Lean Women with Polycystic Ovary Syndrome (PCOS): Is PCOS Status or Adiposity the Critical Factor?. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
156	Effects of Exercise Modality on Insulin Resistance and Ectopic Fat in Adolescents with Overweight and Obesity: A Randomized Clinical Trial. *Journal of Pediatrics*, **2019**, 206, 91-98.e1	3.6	24
155	The Shape of the Glucose Response Curve During an Oral Glucose Tolerance Test: Forerunner of Heightened Glycemic Failure Rates and Accelerated Decline in Cell Function in TODAY. *Diabetes Care*, **2019**, 42, 164-172	14.6	17
154	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. *Diabetes Care*, **2019**, 42, 265-272	14.6	44

153	Body Composition and Cardiorespiratory Fitness Between Metabolically Healthy Versus Metabolically Unhealthy Obese Black and White Adolescents. *Journal of Adolescent Health*, **2019**, 64, 327-332	5.8	8
152	Impaired Lipolysis, Diminished Fat Oxidation, and Metabolic Inflexibility in Obese Girls With Polycystic Ovary Syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 546-554	5.6	26
151	Review of methods for measuring Ecell function: Design considerations from the Restoring Insulin Secretion (RISE) Consortium. *Diabetes, Obesity and Metabolism*, **2018**, 20, 14-24	6.7	50
150	Insulin sensitivity across the lifespan from obese adolescents to obese adults with impaired glucose tolerance: Who is worse off?. *Pediatric Diabetes*, **2018**, 19, 205-211	3.6	39
149	Characteristics of Obstructive Sleep Apnea Across the Spectrum of Glucose Tolerance in Obese Adolescents. *Frontiers in Endocrinology*, **2018**, 9, 281	5.7	2
148	ISPAD Clinical Practice Consensus Guidelines 2018: Type 2 diabetes mellitus in youth. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 28-46	3.6	109
147	Menstrual Dysfunction in Girls From the Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) Study. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 2309-2318	5.6	15
146	Identification, pathophysiology, and clinical implications of primary insulin hypersecretion in nondiabetic adults and adolescents. *JCI Insight*, **2018**, 3,	9.9	53
145	Defective Amplifying Pathway of ECell Secretory Response to Glucose in Type 2 Diabetes: Integrated Modeling of In Vitro and In Vivo Evidence. *Diabetes*, **2018**, 67, 496-506	0.9	17
144	Insulin Sensitivity and Diabetic Kidney Disease in Children and Adolescents With Type 2 Diabetes: An Observational Analysis of Data From the TODAY ClinicalTrial. *American Journal of Kidney Diseases*, **2018**, 71, 65-74	7.4	38
143	Evaluation and Management of Youth-Onset Type 2 Diabetes: A Position Statement by the American Diabetes Association. *Diabetes Care*, **2018**, 41, 2648-2668	14.6	127
142	Impact of Gastric Banding Versus Metformin on ECell Function in Adults With Impaired Glucose Tolerance or Mild Type 2 Diabetes. *Diabetes Care*, **2018**, 41, 2544-2551	14.6	19
141	Impact of Insulin and Metformin Versus Metformin Alone on ECell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. *Diabetes Care*, **2018**, 41, 1717-1725	14.6	74
140	Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: I. Observations Using the Hyperglycemic Clamp. *Diabetes Care*, **2018**, 41, 1696-1706	14.6	89
139	Differences in Ecell function and insulin secretion in Black vs. White obese adolescents: do incretin hormones play a role?. *Pediatric Diabetes*, **2017**, 18, 143-151	3.6	15
138	Anti-MIerian Hormone in Obese Adolescent Girls With Polycystic Ovary Syndrome. *Journal of Adolescent Health*, **2017**, 60, 333-339	5.8	22
137	Pediatric Obesity-Assessment, Treatment, and Prevention: An Endocrine Society Clinical Practice Guideline. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 709-757	5.6	485
136	Response to Letter: "Pediatric Obesity-Assessment, Treatment, and Prevention: An Endocrine Society Clinical Practice Guideline". *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2123-2124	5.6	135

135	Waist circumference is associated with liver fat in black and white adolescents. *Applied Physiology, Nutrition and Metabolism*, **2017**, 42, 829-833	3	8
134	Increased Lipolysis, Diminished Adipose Tissue Insulin Sensitivity, and Impaired Cell Function Relative to Adipose Tissue Insulin Sensitivity in Obese Youth With Impaired Glucose Tolerance. *Diabetes*, **2017**, 66, 3085-3090	0.9	31
133	Race or vitamin D: A determinant of intima media thickness in obese adolescents?. *Pediatric Diabetes*, **2017**, 18, 619-621	3.6	4
132	Adiponectin, Insulin Sensitivity, Cell Function, and Racial/Ethnic Disparity in Treatment Failure Rates in TODAY. *Diabetes Care*, **2017**, 40, 85-93	14.6	23
131	Maternal excess gestational weight gain and infant waist circumference: a 2-y observational study. *Pediatric Research*, **2017**, 81, 63-67	3.2	1
130	The Shape of the Glucose Response Curve During an Oral Glucose Tolerance Test Heralds Biomarkers of Type 2 Diabetes Risk in Obese Youth. *Diabetes Care*, **2016**, 39, 1431-9	14.6	49
129	Relationship Between Parental Diabetes and Presentation of Metabolic and Glycemic Function in Youth With Type 2 Diabetes: Baseline Findings From the TODAY Trial. *Diabetes Care*, **2016**, 39, 110-7	14.6	26
128	Distinguishing characteristics of metabolically healthy versus metabolically unhealthy obese adolescent girls with polycystic ovary syndrome. *Fertility and Sterility*, **2016**, 105, 1603-11	4.8	17
127	Early Biomarkers of Subclinical Atherosclerosis in Obese Adolescent Girls with Polycystic Ovary Syndrome. *Journal of Pediatrics*, **2016**, 168, 104-111.e1	3.6	33
126	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. *Pediatric Diabetes*, **2016**, 17, 458-65	3.6	64
125	The Diagnosis of Polycystic Ovary Syndrome during Adolescence. *Hormone Research in Paediatrics*, **2015**,	3.3	161
124	Optimal management of polycystic ovary syndrome in adolescence. *Archives of Disease in Childhood* , **2015**, 100, 1076-83	2.2	13
123	Brain volume and white matter in youth with type 2 diabetes compared to obese and normal weight, non-diabetic peers: A pilot study. *International Journal of Developmental Neuroscience*, **2015** , 46, 88-91	2.7	23
122	Obesity and youth diabetes: distinguishing characteristics between islet cell antibody positive vs. negative patients over time. *Pediatric Diabetes*, **2015**, 16, 375-81	3.6	14
121	The changing face of diabetes in youth: lessons learned from studies of type 2 diabetes. *Annals of the New York Academy of Sciences*, **2015**, 1353, 113-37	6.5	74
120	Liraglutide's safety, tolerability, pharmacokinetics, and pharmacodynamics in pediatric type 2 diabetes: a randomized, double-blind, placebo-controlled trial. *Diabetes Technology and Therapeutics*, **2014**, 16, 679-87	8.1	53
119	cell function, incretin effect, and incretin hormones in obese youth along the span of glucose tolerance from normal to prediabetes to type 2 diabetes. *Diabetes*, **2014**, 63, 3846-55	0.9	60
118	Coronary artery calcification in obese youth: what are the phenotypic and metabolic determinants?. *Diabetes Care*, **2014**, 37, 2632-9	14.6	25

117	Morning blood pressure is associated with sleep quality in obese adolescents. *Journal of Pediatrics*, **2014**, 164, 313-7	3.6	20
116	Pre-diabetes in overweight youth and early atherogenic risk. *Metabolism: Clinical and Experimental*, **2014**, 63, 1528-35	12.7	16
115	Polycystic ovary syndrome and nonalcoholic fatty liver in obese adolescents: association with metabolic risk profile. *Fertility and Sterility*, **2013**, 100, 1745-51	4.8	22
114	Diagnosis and treatment of polycystic ovary syndrome: an Endocrine Society clinical practice guideline. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 4565-92	5.6	1000
113	Indices of insulin secretion during a liquid mixed-meal test in obese youth with diabetes. *Journal of Pediatrics*, **2013**, 162, 924-9	3.6	12
112	Progressive deterioration of β-cell function in obese youth with type 2 diabetes. *Pediatric Diabetes*, **2013**, 14, 106-11	3.6	59
111	Effects of an overnight intravenous lipid infusion on intramyocellular lipid content and insulin sensitivity in African-American versus Caucasian adolescents. *Metabolism: Clinical and Experimental*, **2013**, 62, 417-23	12.7	17
110	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. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 305, E1222-9	6	99
109	β-Cell lipotoxicity after an overnight intravenous lipid challenge and free fatty acid elevation in African American versus American white overweight/obese adolescents. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 2062-9	5.6	15
108	β-Cell lipotoxicity in response to free fatty acid elevation in prepubertal youth: African American versus Caucasian contrast. *Diabetes*, **2013**, 62, 2917-22	0.9	17
107	Measuring β-cell function relative to insulin sensitivity in youth: does the hyperglycemic clamp suffice?. *Diabetes Care*, **2013**, 36, 1607-12	14.6	23
106	25-Hydroxyvitamin D in obese youth across the spectrum of glucose tolerance from normal to prediabetes to type 2 diabetes. *Diabetes Care*, **2013**, 36, 2048-53	14.6	36
105	Depressive symptoms and metabolic markers of risk for type 2 diabetes in obese adolescents. *Pediatric Diabetes*, **2013**, 14, 497-503	3.6	24
104	Oral disposition index in obese youth from normal to prediabetes to diabetes: relationship to clamp disposition index. *Journal of Pediatrics*, **2012**, 161, 51-7	3.6	63
103	Type 2 diabetes in youth: are there racial differences in β-cell responsiveness relative to insulin sensitivity?. *Pediatric Diabetes*, **2012**, 13, 259-65	3.6	32
102	Determinants of glycemic control in youth with type 2 diabetes at randomization in the TODAY study. *Pediatric Diabetes*, **2012**, 13, 376-83	3.6	35
101	Surrogate lipid markers for small dense low-density lipoprotein particles in overweight youth. *Journal of Pediatrics*, **2012**, 161, 991-6	3.6	41
100	25-hydroxyvitamin D concentrations and in vivo insulin sensitivity and β-cell function relative to insulin sensitivity in black and white youth. *Diabetes Care*, **2012**, 35, 627-33	14.6	40

99	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. *Diabetes*, **2012**, 61, 2787-95	0.9	274
98	A clinical trial to maintain glycemic control in youth with type 2 diabetes. *New England Journal of Medicine*, **2012**, 366, 2247-56	59.2	614
97	Metabolomic profiling of fatty acid and amino acid metabolism in youth with obesity and type 2 diabetes: evidence for enhanced mitochondrial oxidation. *Diabetes Care*, **2012**, 35, 605-11	14.6	182
96	Metabolomic profiling of amino acids and β-cell function relative to insulin sensitivity in youth. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E2119-24	5.6	56
95	HbA(1c) diagnostic categories and β-cell function relative to insulin sensitivity in overweight/obese adolescents. *Diabetes Care*, **2012**, 35, 2559-63	14.6	35
94	Interview: Pediatric diabetes management: past, present and future. *Diabetes Management*, **2012**, 2, 497-501	0	
93	Vitamin D status, adiposity, and lipids in black American and Caucasian children. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1560-7	5.6	131
92	Whole-body MRI and ethnic differences in adipose tissue and skeletal muscle distribution in overweight black and white adolescent boys. *Journal of Obesity*, **2011**, 2011, 159373	3.7	17
91	Measurement site of visceral adipose tissue and prediction of metabolic syndrome in youth. *Pediatric Diabetes*, **2011**, 12, 250-7	3.6	31
90	One-hour plasma glucose concentration during the OGTT: what does it tell about β-cell function relative to insulin sensitivity in overweight/obese children?. *Pediatric Diabetes*, **2011**, 12, 572-9	3.6	29
89	Sleep-disordered breathing in obese adolescents is associated with visceral adiposity and markers of insulin resistance. *Pediatric Obesity*, **2011**, 6, 157-60		40
88	Surrogate estimates of insulin sensitivity in obese youth along the spectrum of glucose tolerance from normal to prediabetes to diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 2136-45	5.6	87
87	Treatment of type 2 diabetes in youth. *Diabetes Care*, **2011**, 34 Suppl 2, S177-83	14.6	32
86	Cross-sectional association between blood pressure, in vivo insulin sensitivity and adiponectin in overweight adolescents. *Hormone Research in Paediatrics*, **2011**, 76, 379-85	3.3	15
85	Drospirenone/ethinyl estradiol versus rosiglitazone treatment in overweight adolescents with polycystic ovary syndrome: comparison of metabolic, hormonal, and cardiovascular risk factors. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, 1311-9	5.6	32
84	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. *Diabetes Care*, **2011**, 34, 2033-40	14.6	63
83	Fasting and 2-hour plasma glucose and insulin: relationship with risk factors for cardiovascular disease in overweight nondiabetic children. *Diabetes Care*, **2010**, 33, 2674-6	14.6	19
82	From pre-diabetes to type 2 diabetes in obese youth: pathophysiological characteristics along the spectrum of glucose dysregulation. *Diabetes Care*, **2010**, 33, 2225-31	14.6	96

81	Implications of type 2 diabetes on adolescent reproductive health risk: an expert model. *The Diabetes Educator*, **2010**, 36, 911-9	2.5	14
80	Declining beta-cell function relative to insulin sensitivity with increasing fasting glucose levels in the nondiabetic range in children. *Diabetes Care*, **2010**, 33, 2024-30	14.6	51
79	Islet cell antibody-positive versus -negative phenotypic type 2 diabetes in youth: does the oral glucose tolerance test distinguish between the two?. *Diabetes Care*, **2010**, 33, 632-8	14.6	25
78	The presence of GAD and IA-2 antibodies in youth with a type 2 diabetes phenotype: results from the TODAY study. *Diabetes Care*, **2010**, 33, 1970-5	14.6	108
77	Skeletal muscle lipid content and insulin sensitivity in black versus white obese adolescents: is there a race differential?. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 2426-32	5.6	36
76	Insulin resistance in children: consensus, perspective, and future directions. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 5189-98	5.6	268
75	Racial Differences in Childhood Obesity: Pathogenesis and Complications **2010**, 75-89		2
74	Pathophysiology of type 2 diabetes mellitus in youth: the evolving chameleon. *Arquivos Brasileiros De Endocrinologia E Metabologia*, **2009**, 53, 165-74		28
73	In vivo insulin sensitivity and lipoprotein particle size and concentration in black and white children. *Diabetes Care*, **2009**, 32, 2087-93	14.6	50
72	In vivo insulin sensitivity and secretion in obese youth: what are the differences between normal glucose tolerance, impaired glucose tolerance, and type 2 diabetes?. *Diabetes Care*, **2009**, 32, 100-5	14.6	69
71	Effects of an intravenous lipid challenge and free fatty acid elevation on in vivo insulin sensitivity in African American versus Caucasian adolescents. *Diabetes Care*, **2009**, 32, 355-60	14.6	14
70	Waist circumference, atherogenic lipoproteins, and vascular smooth muscle biomarkers in children. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4914-22	5.6	16
69	Phenotypic type 2 diabetes in obese youth: insulin sensitivity and secretion in islet cell antibody-negative versus -positive patients. *Diabetes*, **2009**, 58, 738-44	0.9	66
68	Race and gender differences in the relationships between anthropometrics and abdominal fat in youth. *Obesity*, **2008**, 16, 1066-71	8	64
67	Comparison of different definitions of pediatric metabolic syndrome: relation to abdominal adiposity, insulin resistance, adiponectin, and inflammatory biomarkers. *Journal of Pediatrics*, **2008**, 152, 177-84	3.6	131
66	Measures of beta-cell function during the oral glucose tolerance test, liquid mixed-meal test, and hyperglycemic clamp test. *Journal of Pediatrics*, **2008**, 152, 618-21	3.6	44
65	Insulin glargine versus intermediate-acting insulin as the basal component of multiple daily injection regimens for adolescents with type 1 diabetes mellitus. *Journal of Pediatrics*, **2008**, 153, 547-53	3.6	37
64	Hyperinsulinemia in African-American adolescents compared with their American white peers despite similar insulin sensitivity: a reflection of upregulated beta-cell function?. *Diabetes Care*, **2008**, 31, 1445-7	14.6	60

63	Fat oxidation in black and white youth: a metabolic phenotype potentially predisposing black girls to obesity. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 4547-51	5.6	14
62	Menstrual health and the metabolic syndrome in adolescents. *Annals of the New York Academy of Sciences*, **2008**, 1135, 85-94	6.5	28
61	Insulin Action and Secretion in Polycystic Ovary Syndrome **2008**, 159-183		
60	Insulin Resistance and Insulin Secretion in the Pathophysiology of Youth Type 2 Diabetes **2008**, 139-155		
59	The metabolic syndrome in children and adolescents - an IDF consensus report. *Pediatric Diabetes*, **2007**, 8, 299-306	3.6	1143
58	Insulin resistance: link to the components of the metabolic syndrome and biomarkers of endothelial dysfunction in youth. *Diabetes Care*, **2007**, 30, 2091-7	14.6	83
57	Prevention and treatment of type 2 diabetes in youth. *Hormone Research in Paediatrics*, **2007**, 67, 22-34	3.3	31
56	The metabolic syndrome in children and adolescents. *Lancet, The*, **2007**, 369, 2059-61	40	644
55	Longitudinal study of physiologic insulin resistance and metabolic changes of puberty. *Pediatric Research*, **2006**, 60, 759-63	3.2	229
54	Ghrelin and peptide YY in youth: are there race-related differences?. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 3117-22	5.6	28
53	Are obesity-related metabolic risk factors modulated by the degree of insulin resistance in adolescents?. *Diabetes Care*, **2006**, 29, 1599-604	14.6	86
52	Treatment of PCOS in adolescence. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2006**, 20, 311-30	6.5	39
51	Waist circumference is an independent predictor of insulin resistance in black and white youths. *Journal of Pediatrics*, **2006**, 148, 188-94	3.6	222
50	Waist circumference, blood pressure, and lipid components of the metabolic syndrome. *Journal of Pediatrics*, **2006**, 149, 809-16	3.6	128
49	Obesity and type 2 diabetes mellitus in adolescents: what is new?. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2006**, 13, 111-118		
48	Use of markers of dyslipidemia to identify overweight youth with insulin resistance. *Pediatric Diabetes*, **2006**, 7, 260-6	3.6	36
47	Cardiorespiratory fitness in youth: relationship to insulin sensitivity and beta-cell function. *Obesity*, **2006**, 14, 1579-85	8	31
46	Type 2 diabetes in children and adolescents: a review for the primary care provider. *Pediatric Annals* , **2006**, 35, 880-7	1.3	1

45	Racial differences in adiponectin in youth: relationship to visceral fat and insulin sensitivity. *Diabetes Care*, **2006**, 29, 51-6	14.6	33
44	Type 2 diabetes mellitus in youth: the complete picture to date. *Pediatric Clinics of North America*, **2005**, 52, 1579-609	3.6	78
43	Early signs of cardiovascular disease in youth with obesity and type 2 diabetes. *Diabetes Care*, **2005**, 28, 1219-21	14.6	110
42	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. *Pediatric Diabetes*, **2005**, 6, 95-9	3.6	37
41	Does adiponectin explain the lower insulin sensitivity and hyperinsulinemia of African-American children?. *Pediatric Diabetes*, **2005**, 6, 100-2	3.6	23
40	Youth type 2 diabetes: insulin resistance, beta-cell failure, or both?. *Diabetes Care*, **2005**, 28, 638-44	14.6	124
39	Comparison of maximal oxygen consumption between obese black and white adolescents. *Pediatric Research*, **2005**, 58, 478-82	3.2	11
38	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. *Diabetes Care*, **2005**, 28, 115-9	14.6	101
37	Clamp techniques in paediatrics: what have we learned?. *Hormone Research in Paediatrics*, **2005**, 64 Suppl 3, 16-24	3.3	19
36	Comparison of maximal oxygen consumption between black and white prepubertal and pubertal children. *Pediatric Research*, **2004**, 56, 706-13	3.2	17
35	Adiponectin in youth: relationship to visceral adiposity, insulin sensitivity, and beta-cell function. *Diabetes Care*, **2004**, 27, 547-52	14.6	218
34	Validation of surrogate estimates of insulin sensitivity and insulin secretion in children and adolescents. *Journal of Pediatrics*, **2004**, 144, 47-55	3.6	375
33	Progressive beta cell failure in type 2 diabetes mellitus of youth. *Journal of Pediatrics*, **2004**, 144, 656-9	3.6	83
32	Obesity, regional fat distribution, and syndrome X in obese black versus white adolescents: race differential in diabetogenic and atherogenic risk factors. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 2534-40	5.6	281
31	Changing prevalence of overweight children and adolescents at onset of insulin-treated diabetes. *Diabetes Care*, **2003**, 26, 2871-5	14.6	176
30	Type 2 diabetes in childhood: the American perspective. *Hormone Research in Paediatrics*, **2003**, 59 Suppl 1, 69-76	3.3	34
29	Insulin resistance and insulin secretion in childhood and adolescence **2003**, 93-116		4
28	Insulin resistance of puberty in African-American children: lack of a compensatory increase in insulin secretion. *Pediatric Diabetes*, **2002**, 3, 4-9	3.6	25

27	Hyperinsulinemia in african-american children: decreased insulin clearance and increased insulin secretion and its relationship to insulin sensitivity. *Diabetes*, **2002**, 51, 3014-9	0.9	200
26	Type 2 diabetes in children: clinical aspects and risk factors. *Hormone Research in Paediatrics*, **2002**, 57 Suppl 1, 19-28	3.3	99
25	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. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 1555-9	5.6	205
24	Polycystic ovary syndrome in adolescents: is there an epidemic?. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2002**, 9, 32-42		20
23	Effect of metformin in pediatric patients with type 2 diabetes: a randomized controlled trial. *Diabetes Care*, **2002**, 25, 89-94	14.6	303
22	Pathophysiology of type 2 diabetes mellitus in children and adolescents: treatment implications. *Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders*, **2002**, 1, 359-71		23
21	Metabolic differences between Caucasian and African-American children and the relationship to type 2 diabetes mellitus. *Journal of Pediatric Endocrinology and Metabolism*, **2002**, 15 Suppl 1, 509-17	1.6	17
20	Glucose intolerance in obese adolescents with polycystic ovary syndrome: roles of insulin resistance and beta-cell dysfunction and risk of cardiovascular disease. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 66-71	5.6	209
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