Sonia Caprio

List of Publications by Year
in descending order

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178 papers	22,199 citations	16451 64 h-index	8866 145 g-index
184 all docs	184 docs citations	184 times ranked	20554 citing authors

#	Article	IF	Citations
1	Obesity and the Metabolic Syndrome in Children and Adolescents. New England Journal of Medicine, 2004, 350, 2362-2374.	27.0	2,821
2	The metabolic syndrome in children and adolescents ? an IDF consensus report. Pediatric Diabetes, 2007, 8, 299-306.	2.9	1,509
3	Prevalence of Impaired Glucose Tolerance among Children and Adolescents with Marked Obesity. New England Journal of Medicine, 2002, 346, 802-810.	27.0	1,493
4	How Do We Define Cure of Diabetes?. Diabetes Care, 2009, 32, 2133-2135.	8.6	852
5	The metabolic syndrome in children and adolescents. Lancet, The, 2007, 369, 2059-2061.	13.7	776
6	NASPGHAN Clinical Practice Guideline for the Diagnosis and Treatment of Nonalcoholic Fatty Liver Disease in Children. Journal of Pediatric Gastroenterology and Nutrition, 2017, 64, 319-334.	1.8	649
7	Hepatic Acetyl CoA Links Adipose Tissue Inflammation to Hepatic Insulin Resistance and Type 2 Diabetes. Cell, 2015, 160, 745-758.	28.9	547
8	The many faces of diabetes: a disease with increasing heterogeneity. Lancet, The, 2014, 383, 1084-1094.	13.7	497
9	Effects of a Weight Management Program on Body Composition and Metabolic Parameters in Overweight Children. JAMA - Journal of the American Medical Association, 2007, 297, 2697.	7.4	458
10	Prediabetes in obese youth: a syndrome of impaired glucose tolerance, severe insulin resistance, and altered myocellular and abdominal fat partitioning. Lancet, The, 2003, 362, 951-957.	13.7	441
11	Assessment of Skeletal Muscle Triglyceride Content by 1H Nuclear Magnetic Resonance Spectroscopy in Lean and Obese Adolescents. Diabetes, 2002, 51, 1022-1027.	0.6	440
12	Prevention and Treatment of Pediatric Obesity: An Endocrine Society Clinical Practice Guideline Based on Expert Opinion. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4576-4599.	3.6	410
13	Hepatocyte mitochondrial DNA drives nonalcoholic steatohepatitis by activation of TLR9. Journal of Clinical Investigation, 2016, 126, 859-864.	8.2	377
14	Influence of Race, Ethnicity, and Culture on Childhood Obesity: Implications for Prevention and Treatment. Diabetes Care, 2008, 31, 2211-2221.	8.6	357
15	Predictors of Changes in Glucose Tolerance Status in Obese Youth. Diabetes Care, 2005, 28, 902-909.	8.6	334
16	Alanine Aminotransferase Levels and Fatty Liver in Childhood Obesity: Associations with Insulin Resistance, Adiponectin, and Visceral Fat. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4287-4294.	3.6	330
17	Validation of Insulin Sensitivity Indices from Oral Glucose Tolerance Test Parameters in Obese Children and Adolescents. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1096-1101.	3.6	323
18	American Association of Clinical Endocrinology Clinical Practice Guideline for the Diagnosis and Management of Nonalcoholic Fatty Liver Disease in Primary Care and Endocrinology Clinical Settings. Endocrine Practice, 2022, 28, 528-562.	2.1	323

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19	High Visceral and Low Abdominal Subcutaneous Fat Stores in the Obese Adolescent. Diabetes, 2008, 57, 367-371.	0.6	305
20	Increased insulin secretion in puberty: A compensatory response to reductions in insulin sensitivity. Journal of Pediatrics, 1989, 114, 963-967.	1.8	294
21	Insulin Resistance of Puberty: a Defect Restricted to Peripheral Glucose Metabolism*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 277-282.	3.6	290
22	SirT1 Regulates Adipose Tissue Inflammation. Diabetes, 2011, 60, 3235-3245.	0.6	261
23	The Triglyceride-to-HDL Cholesterol Ratio. Diabetes Care, 2011, 34, 1869-1874.	8.6	240
24	Long-Term Complications in Youth-Onset Type 2 Diabetes. New England Journal of Medicine, 2021, 385, 416-426.	27.0	234
25	Obesity and Sex Steroid Changes across Puberty: Evidence for Marked Hyperandrogenemia in Pre- and Early Pubertal Obese Girls. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 430-436.	3.6	213
26	Variant in the glucokinase regulatory protein (GCKR) gene is associated with fatty liver in obese children and adolescents. Hepatology, 2012, 55, 781-789.	7.3	205
27	A common variant in the patatin-like phospholipase 3 gene (PNPLA3) is associated with fatty liver disease in obese children and adolescents. Hepatology, 2010, 52, 1281-1290.	7.3	195
28	Utility of Hemoglobin A1c for Diagnosing Prediabetes and Diabetes in Obese Children and Adolescents. Diabetes Care, 2011, 34, 1306-1311.	8.6	188
29	Central Role of Fatty Liver in the Pathogenesis of Insulin Resistance in Obese Adolescents. Diabetes Care, 2010, 33, 1817-1822.	8.6	187
30	Long-term Results of an Obesity Program in an Ethnically Diverse Pediatric Population. Pediatrics, 2011, 127, 402-410.	2.1	173
31	Low Adiponectin Levels in Adolescent Obesity: A Marker of Increased Intramyocellular Lipid Accumulation. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2014-2018.	3.6	172
32	Do Sensor Glucose Levels Accurately Predict Plasma Glucose Concentrations During Hypoglycemia and Hyperinsulinemia?. Diabetes Care, 2002, 25, 889-893.	8.6	156
33	Adiponectin in Childhood and Adolescent Obesity and Its Association with Inflammatory Markers and Components of the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4415-4423.	3.6	156
34	The â€œObese Insulin-Sensitiveâ€•Adolescent: Importance of Adiponectin and Lipid Partitioning. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3731-3737.	3.6	152
35	Î²-Cell Function Across the Spectrum of Glucose Tolerance in Obese Youth. Diabetes, 2005, 54, 1735-1743.	0.6	149
36	Glucose dysregulation and hepatic steatosis in obese adolescents: Is there a link?. Hepatology, 2009, 49, 1896-1903.	7.3	144

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37	Evidence for Early Defects in Insulin Sensitivity and Secretion Before the Onset of Glucose Dysregulation in Obese Youths. Diabetes, 2012, 61, 606-614.	0.6	128
38	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.	8.6	127
39	Interethnic Differences in Muscle, Liver and Abdominal Fat Partitioning in Obese Adolescents. PLoS ONE, 2007, 2, e569.	2.5	124
40	Intrahepatic Fat Accumulation and Alterations in Lipoprotein Composition in Obese Adolescents. Diabetes Care, 2007, 30, 3093-3098.	8.6	123
41	Cellularity and Adipogenic Profile of the Abdominal Subcutaneous Adipose Tissue From Obese Adolescents: Association With Insulin Resistance and Hepatic Steatosis. Diabetes, 2010, 59, 2288-2296.	0.6	117
42	Primary Defects in Î²-Cell Function Further Exacerbated by Worsening of Insulin Resistance Mark the Development of Impaired Glucose Tolerance in Obese Adolescents. Diabetes Care, 2009, 32, 456-461.	8.6	115
43	Insulin Resistance: An Early Metabolic Defect of Turner's Syndrome*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 832-836.	3.6	114
44	Influence of Race, Ethnicity, and Culture on Childhood Obesity: Implications for Prevention and Treatment. Obesity, 2008, 16, 2566-2577.	3.0	112
45	Impact of Insulin and Metformin Versus Metformin Alone on Î²-Cell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes. Diabetes Care, 2018, 41, 1717-1725.	8.6	112
46	Reversal of Early Abnormalities in Glucose Metabolism in Obese Youth: Results of an Intensive Lifestyle Randomized Controlled Trial. Diabetes Care, 2014, 37, 317-324.	8.6	111
47	Role of TM6SF2 rs58542926 in the pathogenesis of nonalcoholic pediatric fatty liver disease: A multiethnic study. Hepatology, 2016, 63, 117-125.	7.3	106
48	Adolescent Obesity and Insulin Resistance: Roles of Ectopic Fat Accumulation and Adipose Inflammation. Gastroenterology, 2017, 152, 1638-1646.	1.3	105
49	Metabolic Abnormalities Underlying the Different Prediabetic Phenotypes in Obese Adolescents. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1767-1773.	3.6	103
50	6Ketosis of starvation: A revisit and new perspectives. Clinics in Endocrinology and Metabolism, 1983, 12, 359-379.	1.6	99
51	Hepatic Fat Accumulation Is Modulated by the Interaction between the rs738409 Variant in the PNPLA3 Gene and the Dietary Omega6/Omega3 PUFA Intake. PLoS ONE, 2012, 7, e37827.	2.5	94
52	Decreased Transcription of ChREBP-Î±/Î² Isoforms in Abdominal Subcutaneous Adipose Tissue of Obese Adolescents With Prediabetes or Early Type 2 Diabetes. Diabetes, 2013, 62, 837-844.	0.6	93
53	A Branched-Chain Amino Acid-Related Metabolic Signature Characterizes Obese Adolescents with Non-Alcoholic Fatty Liver Disease. Nutrients, 2017, 9, 642.	4.1	92
54	Childhood obesity and the associated rise in cardiometabolic complications. Nature Metabolism, 2020, 2, 223-232.	11.9	92

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55	Circulating Levels of FGF-21 in Obese Youth: Associations With Liver Fat Content and Markers of Liver Damage. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2993-3000.	3.6	89
56	A Role of the Inflammasome in the Low Storage Capacity of the Abdominal Subcutaneous Adipose Tissue in Obese Adolescents. Diabetes, 2016, 65, 610-618.	0.6	84
57	The Normal Glucose Tolerance Continuum in Obese Youth: Evidence for Impairment in Î²-Cell Function Independent of Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 747-754.	3.6	81
58	Short-term metabolic and cardiovascular effects of metformin in markedly obese adolescents with normal glucose tolerance. Pediatric Diabetes, 2008, 9, 567-576.	2.9	81
59	Sleep-Disordered Breathing in Children With Metabolic Syndrome: The Role of Leptin and Sympathetic Nervous System Activity and the Effect of Continuous Positive Airway Pressure. Pediatrics, 2008, 122, e634-e642.	2.1	77
60	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. Journal of Hepatology, 2021, 74, 20-30.	3.7	77
61	METABOLIC IMPACT OF OBESITY IN CHILDHOOD. Endocrinology and Metabolism Clinics of North America, 1999, 28, 731-747.	3.2	76
62	Metabolic Features of Nonalcoholic Fatty Liver (NAFL) in Obese Adolescents: Findings From a Multiethnic Cohort. Hepatology, 2018, 68, 1376-1390.	7.3	75
63	Review of methods for measuring Î²â€cell function: <scp>D</scp>esign considerations from the <scp>R</scp>estoring <scp>I</scp>nsulin <scp>S</scp>ecretion (<scp>RISE</scp>) <scp>C</scp>onsortium. Diabetes, Obesity and Metabolism, 2018, 20, 14-24.	4.4	71
64	Hepatic De Novo Lipogenesis in Obese Youth Is Modulated by a Common Variant in the GCKR Gene. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1125-E1132.	3.6	70
65	Gender influences counterregulatory hormone responses to hypoglycemia. Metabolism: Clinical and Experimental, 1993, 42, 1568-1572.	3.4	69
66	Altered Brain Response to Drinking Glucose and Fructose in Obese Adolescents. Diabetes, 2016, 65, 1929-1939.	0.6	69
67	Impairment of counterregulatory hormone responses to hypoglycemia in pregnant women with insulin-dependent diabetes mellitus. American Journal of Obstetrics and Gynecology, 1992, 166, 70-77.	1.3	67
68	MARCH1 regulates insulin sensitivity by controlling cell surface insulin receptor levels. Nature Communications, 2016, 7, 12639.	12.8	66
69	Leptin Is Associated With Exaggerated Brain Reward and Emotion Responses to Food Images in Adolescent Obesity. Diabetes Care, 2014, 37, 3061-3068.	8.6	64
70	Anthropometric and psychosocial changes in obese adolescents enrolled in a Weight Management Program. Journal of the American Dietetic Association, 2005, 105, 364-370.	1.1	62
71	Elevated Î±-Hydroxybutyrate and Branched-Chain Amino Acid Levels Predict Deterioration of Glycemic Control in Adolescents. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2473-2481.	3.6	62
72	Weight Gain and Metabolic Consequences of Risperidone in Young Children With Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 415-423.	0.5	61

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73	Adipose Insulin Resistance in Obese Adolescents Across the Spectrum of Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2423-2431.	3.6	60
74	Ethnic differences in lipoprotein subclasses in obese adolescents: importance of liver and intraabdominal fat accretion. American Journal of Clinical Nutrition, 2010, 92, 500-508.	4.7	59
75	Lack of Durable Improvements in Î²-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.	8.6	56
76	Impact of Severe Obesity on Cardiovascular Risk Factors in Youth. Journal of Pediatrics, 2018, 192, 105-114.	1.8	55
77	A Low Ï‰-6 to Ï‰-3 PUFA Ratio (nâ€“6:nâ€“3 PUFA) Diet to Treat Fatty Liver Disease in Obese Youth. Journal of Nutrition, 2020, 150, 2314-2321.	2.9	52
78	A low disposition index in adolescent offspring of mothers with gestational diabetes: a risk marker for the development of impaired glucose tolerance in youth. Diabetologia, 2014, 57, 2413-2420.	6.3	50
79	The rs7903146 Variant in the TCF7L2 Gene Increases the Risk of Prediabetes/Type 2 Diabetes in Obese Adolescents by Impairing Î²-Cell Function and Hepatic Insulin Sensitivity. Diabetes Care, 2017, 40, 1082-1089.	8.6	50
80	The rs626283 Variant in the MBOAT7 Gene is Associated with Insulin Resistance and Fatty Liver in Caucasian Obese Youth. American Journal of Gastroenterology, 2018, 113, 376-383.	0.4	50
81	Obesity dynamics and cardiovascular risk factor stability in obese adolescents. Pediatric Diabetes, 2009, 10, 360-367.	2.9	49
82	Increased Prevalence of Gastroesophageal Reflux Symptoms in Obese Children Evaluated in an Academic Medical Center. Journal of Clinical Gastroenterology, 2009, 43, 410-413.	2.2	48
83	Association of Self-Reported Sleep and Circadian Measures With Glycemia in Adults With Prediabetes or Recently Diagnosed Untreated Type 2 Diabetes. Diabetes Care, 2019, 42, 1326-1332.	8.6	47
84	Prediabetes in youths: mechanisms and biomarkers. The Lancet Child and Adolescent Health, 2017, 1, 240-248.	5.6	46
85	Determinants of glycemic control in youth with type 2 diabetes at randomization in the TODAY study. Pediatric Diabetes, 2012, 13, 376-383.	2.9	44
86	Effect of growth hormone treatment on hyperinsulinemia associated with turner syndrome. Journal of Pediatrics, 1992, 120, 238-243.	1.8	43
87	Decreased Insulin Sensitivity and Compensatory Hyperinsulinemia after Hormone Treatment in Children with Short Stature¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3234-3238.	3.6	42
88	Degree of Obesity and Glucose Allostasis Are Major Effectors of Glucose Tolerance Dynamics in Obese Youth. Diabetes Care, 2007, 30, 1845-1850.	8.6	41
89	Insulin resistance in childhood obesity. Journal of Pediatric Endocrinology and Metabolism, 2002, 15 Suppl 1, 487-92.	0.9	41
90	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, 110-117.	8.6	40

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91	Changes in body composition after a 12-wk aerobic exercise program in obese boys. Pediatric Diabetes, 2000, 1, 61-65.	2.9	39
92	Calories from Soft Drinks â€" Do They Matter?. New England Journal of Medicine, 2012, 367, 1462-1463.	27.0	39
93	The Association Between Hepatic Fat Content and Liver Injury in Obese Children and Adolescents. Diabetes Care, 2013, 36, 1353-1360.	8.6	37
94	Oxidized Fatty Acids: A Potential Pathogenic Link Between Fatty Liver and Type 2 Diabetes in Obese Adolescents?. Antioxidants and Redox Signaling, 2014, 20, 383-389.	5.4	36
95	Effect of a Successful Intensive Lifestyle Program on Insulin Sensitivity and Glucose Tolerance in Obese Youth. Diabetes Care, 2009, 32, 45-47.	8.6	35
96	Trajectories of changes in glucose tolerance in a multiethnic cohort of obese youths: an observational prospective analysis. The Lancet Child and Adolescent Health, 2018, 2, 726-735.	5.6	35
97	Relation of the degree of obesity in childhood to adipose tissue insulin resistance. Acta Diabetologica, 2019, 56, 219-226.	2.5	35
98	Relationship between abdominal visceral fat and metabolic risk factors in obese adolescents. , 1999, 11, 259-266.		34
99	Basal Î±-Cell Up-Regulation in Obese Insulin-Resistant Adolescents. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 91-97.	3.6	34
100	Adiponectin, Insulin Sensitivity, Î²-Cell Function, and Racial/Ethnic Disparity in Treatment Failure Rates in TODAY. Diabetes Care, 2017, 40, 85-93.	8.6	34
101	Treating Child Obesity and Associated Medical Conditions. Future of Children, 2006, 16, 209-224.	1.0	33
102	Longitudinal Effects of MRI-Measured Hepatic Steatosis on Biomarkers of Glucose Homeostasis and Hepatic Apoptosis in Obese Youth. Diabetes Care, 2013, 36, 130-136.	8.6	33
103	Effect of insulin on glycerol production in obese adolescents. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E737-E743.	3.5	32
104	Changes in Free Insulin-Like Growth Factor-1 and Leptin Concentrations during Acute Metabolic Decompensation in Insulin Withdrawn Patients with Type 1 Diabetes1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 2324-2328.	3.6	32
105	Confronting the Epidemic of Childhood Obesity. Pediatrics, 2005, 115, 494-495.	2.1	31
106	Development of a Plasma Screening Panel for Pediatric Nonalcoholic Fatty Liver Disease Using Metabolomics. Hepatology Communications, 2019, 3, 1311-1321.	4.3	31
107	Development of Type 2 Diabetes Mellitus in the Obese Adolescent:A Growing Challenge. Endocrine Practice, 2012, 18, 791-795.	2.1	30
108	Co-occurrence of Risk Alleles in or Near Genes Modulating Insulin Secretion Predisposes Obese Youth to Prediabetes. Diabetes Care, 2014, 37, 475-482.	8.6	30

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109	Lower Insulin Clearance Parallels a Reduced Insulin Sensitivity in Obese Youths and Is Associated With a Decline in Î²-Cell Function Over Time. Diabetes, 2019, 68, 2074-2084.	0.6	30
110	A low visceral fat proportion, independent of total body fat mass, protects obese adolescent girls against fatty liver and glucose dysregulation: a longitudinal study. International Journal of Obesity, 2019, 43, 673-682.	3.4	30
111	Oxidized Derivatives of Linoleic Acid in Pediatric Metabolic Syndrome: Is Their Pathogenic Role Modulated by the Genetic Background and the Gut Microbiota?. Antioxidants and Redox Signaling, 2019, 30, 241-250.	5.4	30
112	In Situ Evidence That Peripheral Insulin Resistance in Adolescents with Poorly Controlled Type 1 Diabetes Is Associated with Impaired Suppression of Lipolysis: A Microdialysis Study. Pediatric Research, 2003, 53, 830-835.	2.3	29
113	Insulin Resistance. Journal of Pediatrics, 2012, 161, 11-15.	1.8	29
114	Glucose Effectiveness in Obese Children: Relation to Degree of Obesity and Dysglycemia. Diabetes Care, 2015, 38, 689-695.	8.6	29
115	Oneâ€hour postâ€load plasma glucose predicts progression to prediabetes in a multiâ€ethnic cohort of obese youths. Diabetes, Obesity and Metabolism, 2019, 21, 1191-1198.	4.4	29
116	Oxidized metabolites of linoleic acid as biomarkers of liver injury in nonalcoholic steatohepatitis. Clinical Lipidology, 2013, 8, 411-418.	0.4	27
117	Metabolic syndrome is common and persistent in youth-onset type 2 diabetes: Results from the TODAY clinical trial. Obesity, 2015, 23, 1357-1361.	3.0	26
118	Intrahepatic fat, irrespective of ethnicity, is associated with reduced endogenous insulin clearance and hepatic insulin resistance in obese youths: A crossâ€sectional and longitudinal study from the <scp>Y</scp>ale <scp>P</scp>ediatric <scp>NAFLD</scp> cohort. Diabetes, Obesity and Metabolism, 2020, 22, 1628-1638.	4.4	26
119	Development of type 2 diabetes in children and adolescents. Current Diabetes Reports, 2006, 6, 182-187.	4.2	23
120	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.	3.6	20
121	Fructose Consumption Contributes to Hyperinsulinemia in Adolescents With Obesity Through a GLP-1â€"Mediated Mechanism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3481-3490.	3.6	20
122	OGTT Glucose Response Curves, Insulin Sensitivity, and Î²-Cell Function in RISE: Comparison Between Youth and Adults at Randomization and in Response to Interventions to Preserve Î²-Cell Function. Diabetes Care, 2021, 44, 817-825.	8.6	20
123	Quantification of 1H NMR spectra from human plasma. Metabolomics, 2015, 11, 1702-1707.	3.0	19
124	Relationship between changes in glucose production and gluconeogenesis during mild hypoglycemia in humans. Metabolism: Clinical and Experimental, 1988, 37, 707-710.	3.4	18
125	Caspase-12, but Not Caspase-11, Inhibits Obesity and Insulin Resistance. Journal of Immunology, 2016, 196, 437-447.	0.8	16
126	Triglycerideâ€rich very lowâ€density lipoproteins (VLDL) are independently associated with insulin secretion in a multiethnic cohort of adolescents. Diabetes, Obesity and Metabolism, 2018, 20, 2905-2910.	4.4	16

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127	Altered In Vivo Lipid Fluxes and Cell Dynamics in Subcutaneous Adipose Tissues Are Associated With the Unfavorable Pattern of Fat Distribution in Obese Adolescent Girls. Diabetes, 2019, 68, 1168-1177.	0.6	16
128	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.	8.6	16
129	Augmentation of Alimentary Insulin Secretion despite Similar Gastric Inhibitory Peptide (GIP) Responses in Juvenile Obesity. Pediatric Research, 2000, 47, 628-633.	2.3	16
130	Rosiglitazone Improves Glucose Metabolism in Obese Adolescents With Impaired Glucose Tolerance: A Pilot Study. Obesity, 2011, 19, 94-99.	3.0	15
131	Hepatic fat is a stronger correlate of key clinical and molecular abnormalities than visceral and abdominal subcutaneous fat in youth. BMJ Open Diabetes Research and Care, 2020, 8, e001126.	2.8	15
132	Differential loss of Î²-cell function in youth vs. adults following treatment withdrawal in the Restoring Insulin Secretion (RISE) study. Diabetes Research and Clinical Practice, 2021, 178, 108948.	2.8	15
133	Correction of Hyperinsulinemia by Glyburide Treatment in Nondiabetic Patients with Thalassemia Major. Pediatric Research, 1993, 33, 497-500.	2.3	13
134	Î²â€¢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.	2.9	13
135	Nonalcoholic fatty liver disease/nonalcoholic steatohepatitis in obese adolescents: A looming marker of cardiac dysfunction. Hepatology, 2014, 59, 372-374.	7.3	12
136	Predictors of responses to clinicâ€based childhood obesity care. Pediatric Diabetes, 2018, 19, 1351-1356.	2.9	12
137	Altered glucose metabolism in obese youth. Pediatric Endocrinology Reviews, 2006, 3, 233-8.	1.2	12
138	Progression of Î²-Cell Dysfunction in Obese Youth. Current Diabetes Reports, 2013, 13, 89-95.	4.2	11
139	Growth differentiation factor 15 (GDF15) is associated with non-alcoholic fatty liver disease (NAFLD) in youth with overweight or obesity. Nutrition and Diabetes, 2022, 12, 9.	3.2	11
140	The Oral Disposition Index: A Valuable Estimate of Î²-Cell Function in Obese Youth. Journal of Pediatrics, 2012, 161, 3-4.	1.8	10
141	A Reduced Incretin Effect Mediated by the rs7903146 Variant in the TCF7L2 Gene Is an Early Marker of Î²-Cell Dysfunction in Obese Youth. Diabetes Care, 2020, 43, 2553-2563.	8.6	10
142	Glutamateâ€“Serineâ€“Glycine Index: A Novel Potential Biomarker in Pediatric Non-Alcoholic Fatty Liver Disease. Children, 2020, 7, 270.	1.5	10
143	Association of Habitual Daily Physical Activity With Glucose Tolerance and Î²-Cell Function in Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes From the Restoring Insulin Secretion (RISE) Study. Diabetes Care, 2019, 42, 1521-1529.	8.6	9
144	Hyperglucagonemia Does Not Explain the Î²-Cell Hyperresponsiveness and Insulin Resistance in Dysglycemic Youth Compared With Adults: Lessons From the RISE Study. Diabetes Care, 2021, 44, 1961-1969.	8.6	9

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145	Acute Incretin Response to Oral Glucose Is Associated with Stimulation of Gastric Inhibitory Polypeptide, Not Glucagon-Like Peptide in Young Subjects. Pediatric Research, 1997, 41, 364-367.	2.3	9
146	The association between anti-MÃ¼llerian hormone and vitamin 25(OH)D serum levels and polycystic ovarian syndrome in adolescent females. Reproductive Biology and Endocrinology, 2020, 18, 118.	3.3	8
147	Metabolic and Genetic Determinants of Glucose Shape After Oral Challenge in Obese Youths: A Longitudinal Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 534-542.	3.6	8
148	Early Impairment of Insulin Sensitivity, Î²-Cell Responsiveness, and Insulin Clearance in Youth with Stage 1 Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2660-2669.	3.6	8
149	A low nâ€6 to nâ€3 polyunsaturated fatty acid ratio diet improves hyperinsulinaemia by restoring insulin clearance in obese youth. Diabetes, Obesity and Metabolism, 2022, 24, 1267-1276.	4.4	8
150	Deterioration of glycemic control in youth-onset type 2 diabetes: what are the early and late predictors?. Journal of Clinical Endocrinology and Metabolism, 2022, , .	3.6	8
151	Treatment of impaired glucose tolerance in childhood. Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, 320-321.	2.8	7
152	The â€œadipose tissue expandabilityâ€•hypothesis: a potential mechanism for insulin resistance in obese youth. Hormone Molecular Biology and Clinical Investigation, 2018, 33, .	0.7	7
153	Withdrawal of medications leads to worsening of <scp>OGTT</scp> parameters in youth with impaired glucose tolerance or <scp>recentlyâ€diagnosed</scp> type 2 diabetes. Pediatric Diabetes, 2020, 21, 1437-1446.	2.9	7
154	Differences between African American and white girls in the insulin-like growth factor-I and the binding proteins: Importance of insulin resistance and hyperinsulinemia. Journal of Pediatrics, 1999, 135, 270-271.	1.8	6
155	Transcriptomic profiling of a multiethnic pediatric NAFLD cohort reveals genes and pathways associated with disease. Hepatology Communications, 2022, 6, 1598-1610.	4.3	6
156	Ethics of research involving vulnerable populations. Lancet, The, 2003, 362, 1857-1858.	13.7	5
157	Cardiometabolic risk factor clustering in patients with deficient branchedâ€chain amino acid catabolism: A caseâ€control study. Journal of Inherited Metabolic Disease, 2020, 43, 981-993.	3.6	5
158	Lack of Evidence for a Causal Role of Hyperinsulinemia in the Progression of Obesity in Children and Adolescents: A Longitudinal Study. Diabetes Care, 2022, 45, 1400-1407.	8.6	5
159	Precision and accuracy of hyperglycemic clamps in a multicenter study. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E797-E807.	3.5	4
160	Relation of glomerular filtration to insulin resistance and related risk factors in obese children. International Journal of Obesity, 2022, 46, 374-380.	3.4	4
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