Fida Bacha

List of Publications by Year in descending order

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88 papers	4,389 citations	94269 37 h-index	110170 64 g-index
88 all docs	88 docs citations	88 times ranked	4683 citing authors

#	Article	IF	Citations
1	Effects of Aerobic Versus Resistance Exercise Without Caloric Restriction on Abdominal Fat, Intrahepatic Lipid, and Insulin Sensitivity in Obese Adolescent Boys. Diabetes, 2012, 61, 2787-2795.	0.3	342
2	Obesity, Regional Fat Distribution, and Syndrome X in Obese BlackVersusWhite Adolescents: Race Differential in Diabetogenic and Atherogenic Risk Factors. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2534-2540.	1.8	324
3	Adiponectin in Youth: Relationship to visceral adiposity, insulin sensitivity, and Â-cell function. Diabetes Care, 2004, 27, 547-552.	4.3	250
4	Evaluation and Management of Youth-Onset Type 2 Diabetes: A Position Statement by the American Diabetes Association. Diabetes Care, 2018, 41, 2648-2668.	4.3	218
5	Youth Type 2 Diabetes: Insulin resistance, Â-cell failure, or both?. Diabetes Care, 2005, 28, 638-644.	4.3	152
6	Comparison of Different Definitions of Pediatric Metabolic Syndrome: Relation to Abdominal Adiposity, Insulin Resistance, Adiponectin, and Inflammatory Biomarkers. Journal of Pediatrics, 2008, 152, 177-184.e3.	0.9	146
7	From Pre-Diabetes to Type 2 Diabetes in Obese Youth: Pathophysiological characteristics along the spectrum of glucose dysregulation. Diabetes Care, 2010, 33, 2225-2231.	4.3	119
8	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, 458-465.	1.2	111
9	Are Obesity-Related Metabolic Risk Factors Modulated by the Degree of Insulin Resistance in Adolescents?. Diabetes Care, 2006, 29, 1599-1604.	4.3	106
10	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, 2136-2145.	1.8	102
11	Insulin Resistance: Link to the components of the metabolic syndrome and biomarkers of endothelial dysfunction in youth. Diabetes Care, 2007, 30, 2091-2097.	4.3	92
12	Ghrelin Suppression in Overweight Children: A Manifestation of Insulin Resistance?. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2725-2730.	1.8	82
13	Phenotypic Type 2 Diabetes in Obese Youth: Insulin Sensitivity and Secretion in Islet Cell Antibody-Negative Versus -Positive Patients. Diabetes, 2009, 58, 738-744.	0.3	81
14	Progressive deterioration of Î²-cell function inÂobese youth with type 2 diabetes. Pediatric Diabetes, 2013, 14, 106-111.	1.2	81
15	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.	4.3	80
16	Oral Disposition Index in Obese Youth from Normal to Prediabetes to Diabetes: Relationship to Clamp Disposition Index. Journal of Pediatrics, 2012, 161, 51-57.	0.9	79
17	Î²-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, 3846-3855.	0.3	79
18	In Vivo Insulin Sensitivity and Secretion in Obese Youth. Diabetes Care, 2009, 32, 100-105.	4.3	78

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19	Depressive Symptoms in Youth With Type 1 or Type 2 Diabetes: Results of the Pediatric Diabetes Consortium Screening Assessment of Depression in Diabetes Study. Diabetes Care, 2015, 38, 2341-2343.	4.3	77
20	Challenges and Opportunities for the Prevention and Treatment of Cardiovascular Disease Among Young Adults: Report From a National Heart, Lung, and Blood Institute Working Group. Journal of the American Heart Association, 2020, 9, e016115.	1.6	75
21	Racial/Ethnic Minority Youth With Recent-Onset Type 1 Diabetes Have Poor Prognostic Factors. Diabetes Care, 2018, 41, 1017-1024.	4.3	74
22	Declining Î²-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, 2033-2040.	4.3	73
23	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, 1431-1439.	4.3	69
24	Cardiac Abnormalities in Youth with Obesity and Type 2 Diabetes. Current Diabetes Reports, 2016, 16, 62.	1.7	67
25	Hyperinsulinemia in African-American Adolescents Compared With Their American White Peers Despite Similar Insulin Sensitivity. Diabetes Care, 2008, 31, 1445-1447.	4.3	65
26	Alterations in left ventricular, left atrial, and right ventricular structure and function to cardiovascular risk factors in adolescents with type 2 diabetes participating in the <scp>TODAY</scp> clinical trial. Pediatric Diabetes, 2015, 16, 39-47.	1.2	62
27	Mother's pre-pregnancy BMI is an important determinant of adverse cardiometabolic risk in childhood. Pediatric Diabetes, 2015, 16, 419-426.	1.2	62
28	Insulin Sensitivity and Diabetic Kidney Disease in Children and Adolescents With Type 2 Diabetes: An Observational Analysis of Data From the TODAY ClinicalÂTrial. American Journal of Kidney Diseases, 2018, 71, 65-74.	2.1	60
29	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.	1.2	57
30	Heart Rate Variability and Cardiac Autonomic Dysfunction: Prevalence, Risk Factors, and Relationship to Arterial Stiffness in the Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) Study. Diabetes Care, 2019, 42, 2143-2150.	4.3	57
31	Measures of Î²-Cell Function during the Oral Glucose Tolerance Test, Liquid Mixed-Meal Test, and Hyperglycemic Clamp Test. Journal of Pediatrics, 2008, 152, 618-621.	0.9	52
32	Determinants of glycemic control in youth with type 2 diabetes at randomization in the TODAY study. Pediatric Diabetes, 2012, 13, 376-383.	1.2	44
33	Racial differences in adiponectin in youth: relationship to visceral fat and insulin sensitivity. Diabetes Care, 2006, 29, 51-6.	4.3	44
34	Urine Albumin-to-Creatinine Ratio: A Marker of Early Endothelial Dysfunction in Youth. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3393-3399.	1.8	43
35	Increased Lipolysis, Diminished Adipose Tissue Insulin Sensitivity, and Impaired Î²-Cell Function Relative to Adipose Tissue Insulin Sensitivity in Obese Youth With Impaired Glucose Tolerance. Diabetes, 2017, 66, 3085-3090.	0.3	40
36	HbA1c Diagnostic Categories and Î²-Cell Function Relative to Insulin Sensitivity in Overweight/Obese Adolescents. Diabetes Care, 2012, 35, 2559-2563.	4.3	39

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37	25-Hydroxyvitamin D in Obese Youth Across the Spectrum of Glucose Tolerance From Normal to Prediabetes to Type 2 Diabetes. Diabetes Care, 2013, 36, 2048-2053.	4.3	39
38	A cross-sectional view of the current state of treatment of youth with type 2 diabetes in the USA: enrollment data from the Pediatric Diabetes Consortium Type 2 Diabetes Registry. Pediatric Diabetes, 2017, 18, 222-229.	1.2	39
39	Coronary Artery Calcification in Obese Youth: What Are the Phenotypic and Metabolic Determinants?. Diabetes Care, 2014, 37, 2632-2639.	4.3	38
40	Type 2 diabetes in youth: are there racial differences in Î²-cell responsiveness relative to insulin sensitivity?. Pediatric Diabetes, 2012, 13, 259-265.	1.2	36
41	Ghrelin and Peptide YY in Youth: Are There Race-Related Differences?. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3117-3122.	1.8	35
42	Adiponectin, Insulin Sensitivity, Î²-Cell Function, and Racial/Ethnic Disparity in Treatment Failure Rates in TODAY. Diabetes Care, 2017, 40, 85-93.	4.3	34
43	The Shape of the Glucose Response Curve During an Oral Glucose Tolerance Test: Forerunner of Heightened Glycemic Failure Rates and Accelerated Decline in Î²-Cell Function in TODAY. Diabetes Care, 2019, 42, 164-172.	4.3	34
44	Islet Cell Antibodyâ€“Positive Versus â€“Negative Phenotypic Type 2 Diabetes in Youth. Diabetes Care, 2010, 33, 632-638.	4.3	32
45	Prevalence of arterial stiffness in adolescents with type 2 diabetes in the TODAY cohort: Relationships to glycemic control and other risk factors. Journal of Diabetes and Its Complications, 2018, 32, 740-745.	1.2	31
46	Insulin resistance, role of metformin and other non-insulin therapies in pediatric type 1 diabetes. Pediatric Diabetes, 2016, 17, 545-558.	1.2	29
47	Does adiponectin explain the lower insulin sensitivity and hyperinsulinemia of African-American children?. Pediatric Diabetes, 2005, 6, 100-102.	1.2	28
48	Measuring Â-Cell Function Relative to Insulin Sensitivity in Youth: Does the hyperglycemic clamp suffice?. Diabetes Care, 2013, 36, 1607-1612.	4.3	28
49	Risk Factors for Cardiovascular Disease (CVD) in Adults with Type 1 Diabetes: Findings from Prospective Real-life T1D Exchange Registry. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2032-e2038.	1.8	26
50	Endothelial Function in Youth: A Biomarker Modulated by Adiposity-Related Insulin Resistance. Journal of Pediatrics, 2016, 178, 171-177.	0.9	24
51	Lipid Profiles, Inflammatory Markers, and Insulin Therapy in Youth with Type 2 Diabetes. Journal of Pediatrics, 2018, 196, 208-216.e2.	0.9	24
52	FDA approval of GLP-1 receptor agonist (liraglutide) for use in children. The Lancet Child and Adolescent Health, 2019, 3, 595-597.	2.7	21
53	Monogenic Diabetes in Youth With Presumed Type 2 Diabetes: Results From the Progress in Diabetes Genetics in Youth (ProDiGY) Collaboration. Diabetes Care, 2021, 44, 2312-2319.	4.3	21
54	Type 2 diabetes in prepubertal children. Pediatric Diabetes, 2021, 22, 946-950.	1.2	21

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55	Initial Presentation of Type 2 Diabetes in Adolescents Predicts Durability of Successful Treatment with Metformin Monotherapy: Insights from the Pediatric Diabetes Consortium T2D Registry. Hormone Research in Paediatrics, 2018, 89, 47-55.	0.8	20
56	Differences in Î²-cell function and insulin secretion in Black vs. White obese adolescents: do incretin hormones play a role?. Pediatric Diabetes, 2017, 18, 143-151.	1.2	18
57	Vitamin D status in youth with type 1 and type 2 diabetes enrolled in the Pediatric Diabetes Consortium (PDC) is not worse than in youth without diabetes. Pediatric Diabetes, 2016, 17, 584-591.	1.2	17
58	Pre-diabetes in overweight youth and early atherogenic risk. Metabolism: Clinical and Experimental, 2014, 63, 1528-1535.	1.5	16
59	Î²â€cell function, incretin response, and insulin sensitivity of glucose and fat metabolism in obese youth: Relationship to OGTTâ€timeâ€toâ€glucoseâ€peak. Pediatric Diabetes, 2020, 21, 18-27.	1.2	15
60	Indices of Insulin Secretion during a Liquid Mixed-Meal Test in Obese Youth with Diabetes. Journal of Pediatrics, 2013, 162, 924-929.	0.9	14
61	Relationship of Cardiac Structure and Function to Cardiorespiratory Fitness and Lean Body Mass in Adolescents and Young Adults with Type 2 Diabetes. Journal of Pediatrics, 2016, 177, 159-166.e1.	0.9	14
62	Predictors of response to insulin therapy in youth with poorlyâ€controlled type 2 diabetes in the TODAY trial. Pediatric Diabetes, 2019, 20, 871-879.	1.2	13
63	Diagnostic Evaluation, Comorbidity Screening, and Treatment of Polycystic Ovary Syndrome in Adolescents in 3 Specialty Clinics. Journal of Pediatric and Adolescent Gynecology, 2018, 31, 367-371.	0.3	12
64	Cardiac Biomarkers in Youth with Type 2 Diabetes Mellitus: Results from the TODAY Study. Journal of Pediatrics, 2018, 192, 86-92.e5.	0.9	12
65	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, 2022, 59, 197-205.	1.2	12
66	Circulating adhesion molecules and associations with<scp>HbA1c</scp>, hypertension, nephropathy, and retinopathy in the Treatment Options for type 2 Diabetes in Adolescent and Youth study. Pediatric Diabetes, 2020, 21, 923-931.	1.2	11
67	The relationship of sleep duration and quality to energy expenditure and physical activity in children. Pediatric Obesity, 2021, 16, e12751.	1.4	10
68	Nonalcoholic Fatty Liver Disease in Hispanic Youth With Dysglycemia: Risk for Subclinical Atherosclerosis?. Journal of the Endocrine Society, 2017, 1, 1029-1040.	0.1	9
69	Eligibility for clinical trials is limited for youth with type 2 diabetes: Insights from the Pediatric Diabetes Consortium T2D Clinic Registry. Pediatric Diabetes, 2018, 19, 1379-1384.	1.2	9
70	Free Vitamin D: Relationship to Insulin Sensitivity and Vascular Health in Youth. Journal of Pediatrics, 2019, 212, 28-34.e2.	0.9	9
71	Racial and Ethnic Disparities in Comorbidities in Youth With Type 2 Diabetes in the Pediatric Diabetes Consortium (PDC). Diabetes Care, 2021, 44, 2245-2251.	4.3	8
72	Estimating circadian phase in elementary school children: leveraging advances in physiologically informed models of circadian entrainment and wearable devices. Sleep, 2022, 45, .	0.6	7

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73	Race or vitamin D: A determinant of intima media thickness in obese adolescents?. Pediatric Diabetes, 2017, 18, 619-621.	1.2	6
74	Relationship between Arterial Stiffness and Subsequent Cardiac Structure and Function in Young Adults with Youth-Onset Type 2 Diabetes: Results from the TODAY Study. Journal of the American Society of Echocardiography, 2022, 35, 620-628.e4.	1.2	6
75	Response to Comment on Redondo et al. Racial/Ethnic Minority Youth With Recent-Onset Type 1 Diabetes Have Poor Prognostic Factors. Diabetes Care 2018;41:1017â€“1024. Diabetes Care, 2018, 41, e125-e126.	4.3	5
76	GLP-1 Receptor Agonist as Adjuvant Therapy in Type 1 Diabetes: No Apparent Benefit for Beta-Cell Function or Glycemia. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3000-e3002.	1.8	5
77	Metabolic flexibility across the spectrum of glycemic regulation in youth. JCI Insight, 2021, 6, .	2.3	4
78	Youth with type 2 diabetes have a high rate of treatment failure after discontinuation of insulin: A Pediatric Diabetes Consortium study. Pediatric Diabetes, 2022, 23, 439-446.	1.2	4
79	Î²-cell impairment and clinically meaningful alterations in glycemia in obese youth across the glucose tolerance spectrum. Metabolism: Clinical and Experimental, 2020, 112, 154346.	1.5	3
80	Adiposity, Insulin Resistance, Cardiorespiratory Fitness, and Bone Health in Hispanic Children. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3797-e3804.	1.8	3
81	The roles of sleep and eating patterns in adiposity gain among preschool-aged children. American Journal of Clinical Nutrition, 2022, 116, 1334-1342.	2.2	3
82	Decline Pattern of Beta Cell Function in LADA: Relationship to GAD Autoantibodies. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e3008-e3009.	1.8	1
83	Metabolic inflexibility in youth with obesity: Is it a feature of obesity or distinctive of youth who are metabolically unhealthy?. Clinical Obesity, 2022, 12, e12501.	1.1	1
84	Reply. Journal of Pediatrics, 2017, 184, 239.	0.9	0
85	SUN-LB104 Metabolic Inflexibility: Is It a Feature of Obesity or a Characteristic of Metabolically Unhealthy Youth?. Journal of the Endocrine Society, 2020, 4, .	0.1	0
86	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.	1.5	0
87	TCF7L2 Genetic Variants Do Not Influence Insulin Sensitivity or Secretion Indices in Autoantibody-Positive Individuals at Risk for Type 1 Diabetes. Diabetes Care, 2021, 44, 2039-2044.	4.3	0
88	Abstract 013: High Prevalence and Rapid Increase of Cardiovascular Disease Risk Factors in Youth with Type 2 Diabetes: The TODAY Study Group. Circulation, 2013, 127, .	1.6	0