Steven M Willi

List of Publications by Year
in descending order

108 papers	7,996 citations	57758 44 h-index	51608 86 g-index
113 all docs	113 docs citations	113 times ranked	7136 citing authors

#	Article	IF	Citations
1	Long-term Continuous Glucose Monitor Use in Very Young Children With Type 1 Diabetes: One-Year Results From the SENCE Study. Journal of Diabetes Science and Technology, 2023, 17, 976-987.	2.2	8
2	Effects of Metabolic Factors, Race-Ethnicity, and Sex on the Development of Nephropathy in Adolescents and Young Adults With Type 2 Diabetes: Results From the TODAY Study. Diabetes Care, 2022, 45, 1056-1064.	8.6	8
3	Genetic variations in adiponectin levels and dietary patterns on metabolic health among children with normal weight versus obesity: the BCAMS study. International Journal of Obesity, 2022, 46, 325-332.	3.4	7
4	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.	2.9	4
5	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.	2.8	6
6	Association between high levels of physical activity and improved glucose control on active days in youth with type 1 diabetes. Pediatric Diabetes, 2022, 23, 1057-1063.	2.9	11
7	A trend towards an early increase in ketoacidosis at presentation of paediatric type 1 diabetes during the coronavirusâ€2019 pandemic. Diabetic Medicine, 2021, 38, e14461.	2.3	11
8	Racial disparities in treatment and outcomes of children with type 1 diabetes. Pediatric Diabetes, 2021, 22, 241-248.	2.9	51
9	Human plasmaâ€derived alpha ₁ â€proteinase inhibitor in patients with newâ€onset type 1 diabetes mellitus: A randomized, placeboâ€controlled proofâ€ofâ€concept study. Pediatric Diabetes, 2021, 22, 192-201.	2.9	6
10	A Randomized Clinical Trial Assessing Continuous Glucose Monitoring (CGM) Use With Standardized Education With or Without a Family Behavioral Intervention Compared With Fingerstick Blood Glucose Monitoring in Very Young Children With Type 1 Diabetes. Diabetes Care, 2021, 44, 464-472.	8.6	53
11	Racial and Ethnic Disparities in Rates of Continuous Glucose Monitor Initiation and Continued Use in Children With Type 1 Diabetes. Diabetes Care, 2021, 44, 255-257.	8.6	65
12	Early racial/ethnic disparities in continuous glucose monitor use in pediatric type 1 diabetes. Diabetes Technology and Therapeutics, 2021, 23, 763-767.	4.4	8
13	â€œI Think Parents Shouldnâ€™t Be Too Pushyâ€: A Qualitative Exploration of Parent and Youth Perspectives of Youth Decision-Making Involvement in Starting Continuous Glucose Monitoring. Science of Diabetes Self-Management and Care, 2021, 47, 355-366.	1.6	3
14	Correlates of Continuous Glucose Monitoring Use Trajectories in Children and Adolescents with Type 1 Diabetes. Diabetes Technology and Therapeutics, 2021, 23, 590-594.	4.4	0
15	Imatinib therapy for patients with recent-onset type 1 diabetes: a multicentre, randomised, double-blind, placebo-controlled, phase 2 trial. Lancet Diabetes and Endocrinology,the, 2021, 9, 502-514.	11.4	53
16	IL-6 receptor blockade does not slow Î² cell loss in new-onset type 1 diabetes. JCI Insight, 2021, 6, .	5.0	25
17	Puberty Status Modifies the Effects of Genetic Variants, Lifestyle Factors and Their Interactions on Adiponectin: The BCAMS Study. Frontiers in Endocrinology, 2021, 12, 737459.	3.5	2
18	Longitudinal trajectories of BMI zâ€score: an international comparison of 11,513 Australian, American and German/Austrian/Luxembourgian youth with type 1 diabetes. Pediatric Obesity, 2020, 15, e12582.	2.8	17

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19	Longitudinal Changes in Continuous Glucose Monitoring Use Among Individuals With Type 1 Diabetes: International Comparison in the German and Austrian DPV and U.S. T1D Exchange Registries. Diabetes Care, 2020, 43, e1-e2.	8.6	59
20	Evaluation of the longitudinal change in health behavior profiles across treatment groups in the TODAY clinical trial. Pediatric Diabetes, 2020, 21, 224-232.	2.9	8
21	Insulin Pump Use in Children with Type 1 Diabetes: Over a Decade of Disparities. Journal of Pediatric Nursing, 2020, 55, 110-115.	1.5	36
22	Racial-Ethnic Inequity in Young Adults With Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2960-e2969.	3.6	99
23	Youth Involvement in the Decision to Start CGM Predicts Subsequent CGM Use. Diabetes Care, 2020, 43, 2355-2361.	8.6	17
24	Glycemic Outcomes of Use of CLC Versus PLGS in Type 1 Diabetes: A Randomized Controlled Trial. Diabetes Care, 2020, 43, 1822-1828.	8.6	34
25	Effect of Continuous Glucose Monitoring on Glycemic Control in Adolescents and Young Adults With Type 1 Diabetes. JAMA - Journal of the American Medical Association, 2020, 323, 2388.	7.4	238
26	Time spent outside of target glucose range for young children with type 1 diabetes: a continuous glucose monitor study. Diabetic Medicine, 2020, 37, 1308-1315.	2.3	16
27	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.	2.9	4
28	Insulin resistance, beta-cell function, adipokine profiles and cardiometabolic risk factors among Chinese youth with isolated impaired fasting glucose versus impaired glucose tolerance: the BCAMS study. BMJ Open Diabetes Research and Care, 2020, 8, e000724.	2.8	13
29	Interaction between early environment and genetic predisposition instigates the metabolically obese, normal weight phenotype in children: findings from the BCAMS study. European Journal of Endocrinology, 2020, 182, 393-403.	3.7	14
30	Predictors of response to insulin therapy in youth with poorlyâ€controlled type 2 diabetes in the TODAY trial. Pediatric Diabetes, 2019, 20, 871-879.	2.9	13
31	Biologic and social factors predict incident kidney disease in type 1 diabetes: Results from the T1D exchange clinic network. Journal of Diabetes and Its Complications, 2019, 33, 107400.	2.3	4
32	Poor Glycemic Control Is Associated With Impaired Bone Accrual in the Year Following a Diagnosis of Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4511-4520.	3.6	22
33	A structured 1â€year education program for children with newly diagnosed type 1 diabetes improves early glycemic control. Pediatric Diabetes, 2019, 20, 460-467.	2.9	17
34	Adipose Tissue Mediates Associations of Birth Weight with Glucose Metabolism Disorders in Children. Obesity, 2019, 27, 746-755.	3.0	6
35	Vitamin D levels are associated with metabolic syndrome in adolescents and young adults: The BCAMS study. Clinical Nutrition, 2019, 38, 2161-2167.	5.0	36
36	Optimal Sampling Duration for Continuous Glucose Monitoring to Determine Long-Term Glycemic Control. Diabetes Technology and Therapeutics, 2018, 20, 314-316.	4.4	180

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37	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.	1.9	60
38	Circulating Osteonectin and Adipokine Profiles in Relation to Metabolically Healthy Obesity in Chinese Children: Findings From BCAMS. Journal of the American Heart Association, 2018, 7, e009169.	3.7	26
39	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.	2.9	9
40	Childhood retinol-binding protein 4 (RBP4) levels predicting the 10-year risk of insulin resistance and metabolic syndrome: the BCAMS study. Cardiovascular Diabetology, 2018, 17, 69.	6.8	44
41	Evaluation of ADA HbA1c criteria in the diagnosis of pre-diabetes and diabetes in a population of Chinese adolescents and young adults at high risk for diabetes: a cross-sectional study. BMJ Open, 2018, 8, e020665.	1.9	18
42	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.	2.9	39
43	Racial Differences in the Relationship of Glucose Concentrations and Hemoglobin A_{1c} Levels. Annals of Internal Medicine, 2017, 167, 95.	3.9	231
44	Effect of Financial Incentives on Glucose Monitoring Adherence and Glycemic Control Among Adolescents and Young Adults With Type 1 Diabetes. JAMA Pediatrics, 2017, 171, 1176.	6.2	52
45	Sleep in children with type 1 diabetes and their parents in the T1D Exchange. Sleep Medicine, 2017, 39, 108-115.	1.6	78
46	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
47	Presentation of youth with type 2 diabetes in the Pediatric Diabetes Consortium. Pediatric Diabetes, 2016, 17, 266-273.	2.9	103
48	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.	2.9	17
49	Novel measures of inflammation and insulin resistance are related to obesity and fitness in a diverse sample of 11â€“14 year olds: The HEALTHY Study. International Journal of Obesity, 2016, 40, 1157-1163.	3.4	13
50	Antithymocyte globulin therapy for patients with recent-onset type 1 diabetes: 2Âyear results of a randomised trial. Diabetologia, 2016, 59, 1153-1161.	6.3	72
51	Effects of genetic severity on glucose homeostasis in Friedreich ataxia. Muscle and Nerve, 2016, 54, 887-894.	2.2	14
52	Pregnancy Outcomes in Youth With Type 2 Diabetes: The TODAY Study Experience. Diabetes Care, 2016, 39, 122-129.	8.6	58
53	Endocrine Effects of Inhaled Corticosteroids in Children. JAMA Pediatrics, 2016, 170, 163.	6.2	72
54	Peak cortisol response to corticotropin-releasing hormone is associated with age and body size in children referred for clinical testing: a retrospective review. International Journal of Pediatric Endocrinology (Springer), 2015, 2015, 22.	1.6	5

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55	Response to Comment on Weber et al. Type 1 Diabetes Is Associated With an Increased Risk of Fracture Across the Life Span: A Population-Based Cohort Study Using The Health Improvement Network (THIN). Diabetes Care 2015;38:1913â€“1920. Diabetes Care, 2015, 38, e205-e206.	8.6	7
56	Racial-Ethnic Disparities in Management and Outcomes Among Children With Type 1 Diabetes. Pediatrics, 2015, 135, 424-434.	2.1	282
57	Obesity in Youth with Type 1 Diabetes in Germany, Austria, and the UnitedÂStates. Journal of Pediatrics, 2015, 167, 627-632.e4.	1.8	150
58	Parental Characteristics Associated With Outcomes in Youth With Type 2 Diabetes: Results From the TODAY Clinical Trial. Diabetes Care, 2015, 38, 784-792.	8.6	13
59	Type 1 Diabetes Is Associated With an Increased Risk of Fracture Across the Life Span: A Population-Based Cohort Study Using The Health Improvement Network (THIN). Diabetes Care, 2015, 38, 1913-1920.	8.6	201
60	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.	8.6	77
61	Complications and comorbidities of T2DM in adolescents: findings from the TODAY clinical trial. Journal of Diabetes and Its Complications, 2015, 29, 307-312.	2.3	73
62	Alefacept provides sustained clinical and immunological effects in new-onset type 1 diabetes patients. Journal of Clinical Investigation, 2015, 125, 3285-3296.	8.2	228
63	Effect of Relative Weight Group Change on Nuclear Magnetic Resonance Spectroscopy Derived Lipoprotein Particle Size and Concentrations among Adolescents. Journal of Pediatrics, 2014, 164, 1091-1098.e3.	1.8	7
64	Cross-sectional analysis of glucose metabolism in Friedreich Ataxia. Journal of the Neurological Sciences, 2014, 342, 29-35.	0.6	16
65	Teplizumab treatment may improve C-peptide responses in participants with type 1 diabetes after the new-onset period: a randomised controlled trial. Diabetologia, 2013, 56, 391-400.	6.3	109
66	Targeting of memory T cells with alefacept in new-onset type 1 diabetes (T1DAL study): 12 month results of a randomised, double-blind, placebo-controlled phase 2 trial. Lancet Diabetes and Endocrinology,the, 2013, 1, 284-294.	11.4	169
67	Antithymocyte globulin treatment for patients with recent-onset type 1 diabetes: 12-month results of a randomised, placebo-controlled, phase 2 trial. Lancet Diabetes and Endocrinology,the, 2013, 1, 306-316.	11.4	120
68	Low-Density Lipoprotein Cholesterol versus Particle Number in MiddleÂSchool Children. Journal of Pediatrics, 2013, 163, 355-362.e2.	1.8	23
69	Implementation of a Clinical Practice Guideline for Identification of Microalbuminuria in the Pediatric Patient with Type 1 Diabetes. Nursing Clinics of North America, 2013, 48, 343-352.	1.5	4
70	Safety and Tolerability of the Treatment of Youth-Onset Type 2 Diabetes. Diabetes Care, 2013, 36, 1765-1771.	8.6	42
71	Immune Therapy and Î²-Cell Death in Type 1 Diabetes. Diabetes, 2013, 62, 1676-1680.	0.6	73
72	The association between acanthosis nigricans and dysglycemia in an ethnically diverse group of eighth grade students. Obesity, 2013, 21, E328-33.	3.0	12

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73	Severe hypoglycemia and diabetic ketoacidosis among youth with type 1 diabetes in the T1D Exchange clinic registry. Pediatric Diabetes, 2013, 14, 447-454.	2.9	209
74	Diabetes Screening With Hemoglobin A1c Versus Fasting Plasma Glucose in a Multiethnic Middle-School Cohort. Diabetes Care, 2013, 36, 429-435.	8.6	58
75	A Clinical Trial to Maintain Glycemic Control in Youth with Type 2 Diabetes. New England Journal of Medicine, 2012, 366, 2247-2256.	27.0	790
76	A0001 in Friedreich ataxia: Biochemical characterization and effects in a clinical trial. Movement Disorders, 2012, 27, 1026-1033.	3.9	75
77	Effectiveness of sensor-augmented pump therapy in children and adolescents with type 1 diabetes in the STAR 3 study. Pediatric Diabetes, 2012, 13, 6-11.	2.9	118
78	Characteristics of Adolescents and Youth with Recent-Onset Type 2 Diabetes: The TODAY Cohort at Baseline. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 159-167.	3.6	378
79	Sensor-Augmented Pump Therapy for A1C Reduction (STAR 3) Study. Diabetes Care, 2011, 34, 2403-2405.	8.6	102
80	Effectiveness of Sensor-Augmented Insulin-Pump Therapy in Type 1 Diabetes. New England Journal of Medicine, 2010, 363, 311-320.	27.0	792
81	The effect of insulin on expression of genes and biochemical pathways in human skeletal muscle. Endocrine, 2007, 31, 5-17.	2.2	66
82	How low can we goâ€¦safely?: Factors affecting intensive diabetes management. Journal of Pediatrics, 2006, 149, 154-156.	1.8	1
83	Treatment of Type 2 Diabetes in Childhood Using a Very-Low-Calorie Diet. Diabetes Care, 2004, 27, 348-353.	8.6	70
84	Benefits of continuous subcutaneous insulin infusion in children with type 1 diabetes. Journal of Pediatrics, 2003, 143, 796-801.	1.8	107
85	Troglitazone Antagonizes Metabolic Effects of Glucocorticoids in Humans: Effects on Glucose Tolerance, Insulin Sensitivity, Suppression of Free Fatty Acids, and Leptin. Diabetes, 2002, 51, 2895-2902.	0.6	75
86	Effective use of thiazolidinediones for the treatment of glucocorticoid-induced diabetes. Diabetes Research and Clinical Practice, 2002, 58, 87-96.	2.8	62
87	Type 2 diabetes mellitus in adolescents. Current Opinion in Endocrinology, Diabetes and Obesity, 2000, 7, 71-76.	0.6	3
88	Endogenous mutations in human uncoupling protein 3 alter its functional properties. FEBS Letters, 1999, 464, 189-193.	2.8	19
89	The Effects of a High-protein, Low-fat, Ketogenic Diet on Adolescents With Morbid Obesity: Body Composition, Blood Chemistries, and Sleep Abnormalities. Pediatrics, 1998, 101, 61-67.	2.1	140
90	Effects of mutations in the human uncoupling protein 3 gene on the respiratory quotient and fat oxidation in severe obesity and type 2 diabetes.. Journal of Clinical Investigation, 1998, 102, 1345-1351.	8.2	183

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91	Suppression and recovery of the neonatal hypothalamic-pituitary-adrenal axis after prolonged dexamethasone therapy. Journal of Pediatrics, 1997, 131, 722-726.	1.8	45
92	Increased Serum 1,25-Dihydroxyvitamin D after Growth Hormone Administration is not Parathyroid Hormone-Mediated. Calcified Tissue International, 1997, 61, 101-103.	3.1	32
93	Genealogy, natural history, and phenotype of AlstrÃ¶m syndrome in a large Acadian kindred and three additional families. , 1997, 73, 150-161.		71
94	A Deletion in the Long Arm of Chromosome 18 in a Child with Serum Carnosinase Deficiency1. Pediatric Research, 1997, 41, 210-213.	2.3	35
95	Growth in Children after Bone Marrow Transplantation for Acute Myelogenous Leukemia as Compared to Acute Lymphocytic Leukemia. Journal of Pediatric Endocrinology and Metabolism, 1996, 9, 51-7.	0.9	5
96	Demonstration of a lack of racial difference in secretion of growth hormone despite a racial difference in bone mineral density in premenopausal women--a Clinical Research Center study. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 1023-1026.	3.6	22
97	Long-Chain Acyl-CoA Profiles in Cultured Fibroblasts from Patients with Defects in Fatty Acid Oxidation. Biochemical and Molecular Medicine, 1995, 55, 15-21.	1.4	3
98	Long-Term Treatment of Osteopetrosis with Recombinant Human Interferon Gamma. New England Journal of Medicine, 1995, 332, 1594-1599.	27.0	262
99	Clinical and biochemical characterization of short-chain acyl-coenzyme A dehydrogenase deficiency. Journal of Pediatrics, 1995, 126, 910-915.	1.8	97
100	Neurocognitive deficits in morbidly obese children with obstructive sleep apnea. Journal of Pediatrics, 1995, 127, 741-744.	1.8	221
101	The sequellae of chemo-radiation therapy for head and neck cancer in children: Managing impaired growth, development, and other side effects. Medical and Pediatric Oncology, 1993, 21, 60-66.	1.0	13
102	Renal Handling of Carnitine in Secondary Carnitine Deficiency Disorders. Pediatric Research, 1993, 34, 89-96.	2.3	40
103	Growth in children after bone marrow transplantation for advanced neuroblastoma compared with growth after transplantation for leukemia or aplastic anemia. Journal of Pediatrics, 1992, 120, 726-732.	1.8	35
104	When Do Gut Flora in the Newborn Produce 3-Phenylpropionic Acid? Implications for Early Diagnosis of Medium-Chain Acyl-CoA Dehydrogenase Deficiency. Clinical Chemistry, 1992, 38, 278-281.	3.2	17
105	The effects of adjuvant chemotherapy on growth in children with medulloblastoma. Cancer, 1992, 70, 2013-2017.	4.1	106
106	Diagnostic Dilemmas: Results of Screening Tests for Congenital Hypothyroidism. Pediatric Clinics of North America, 1991, 38, 555-566.	1.8	25
107	Synthesis of 13,13,14,14-tetracyanopyreno-2,7-quinodimethane, an electron acceptor for organic metals. Journal of the Chemical Society Chemical Communications, 1980, , 947.	2.0	10
108	Imatinib Therapy for Patients with Recent-Onset Type 1 Diabetes: A Randomised Blinded Phase 2 Trial. SSRN Electronic Journal, 0, , .	0.4	2