David M Maahs

List of Publications by Citations

217 papers	10,239 citations	47 h-index	97 g-index
238 ext. papers	12,989 ext. citations	6.7 avg, IF	6.33 L-index

#	Paper	IF	Citations
217	International Consensus on Use of Continuous Glucose Monitoring. *Diabetes Care*, **2017**, 40, 1631-1640	14.6	872
216	Current state of type 1 diabetes treatment in the U.S.: updated data from the T1D Exchange clinic registry. *Diabetes Care*, **2015**, 38, 971-8	14.6	863
215	State of Type 1 Diabetes Management and Outcomes from the T1D Exchange in 2016-2018. *Diabetes Technology and Therapeutics*, **2019**, 21, 66-72	8.1	751
214	Epidemiology of type 1 diabetes. *Endocrinology and Metabolism Clinics of North America*, **2010**, 39, 481-97	3.5	582
213	Most youth with type 1 diabetes in the T1D Exchange Clinic Registry do not meet American Diabetes Association or International Society for Pediatric and Adolescent Diabetes clinical guidelines. *Diabetes Care*, **2013**, 36, 2035-7	14.6	304
212	ISPAD Clinical Practice Consensus Guidelines 2018: Glycemic control targets and glucose monitoring for children, adolescents, and young adults with diabetes. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 105-114	3.6	268
211	Low plasma adiponectin levels predict progression of coronary artery calcification. *Circulation*, **2005** , 111, 747-53	16.7	239
210	Real-time continuous glucose monitoring among participants in the T1D Exchange clinic registry. *Diabetes Care*, **2014**, 37, 2702-9	14.6	232
209	ISPAD Clinical Practice Consensus Guidelines 2014. Assessment and monitoring of glycemic control in children and adolescents with diabetes. *Pediatric Diabetes*, **2014**, 15 Suppl 20, 102-14	3.6	225
208	Severe hypoglycemia and diabetic ketoacidosis in adults with type 1 diabetes: results from the T1D Exchange clinic registry. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 3411-9	5.6	211
207	Use of insulin pump therapy in children and adolescents with type 1 diabetes and its impact on metabolic control: comparison of results from three large, transatlantic paediatric registries. *Diabetologia*, **2016**, 59, 87-91	10.3	157
206	Insulin resistance, defective insulin-mediated fatty acid suppression, and coronary artery calcification in subjects with and without type 1 diabetes: The CACTI study. *Diabetes*, **2011**, 60, 306-14	0.9	157
205	Outcome Measures for Artificial Pancreas Clinical Trials: A Consensus Report. *Diabetes Care*, **2016**, 39, 1175-9	14.6	149
204	Type 1 Diabetes in Children and Adolescents: A Position Statement by the American Diabetes Association. *Diabetes Care*, **2018**, 41, 2026-2044	14.6	144
203	Continuous glucose monitoring and glycemic control among youth with type 1 diabetes: International comparison from the T1D Exchange and DPV Initiative. *Pediatric Diabetes*, **2018**, 19, 1271-1275	3.6	139
202	Rates of diabetic ketoacidosis: international comparison with 49,859 pediatric patients with type 1 diabetes from England, Wales, the U.S., Austria, and Germany. *Diabetes Care*, **2015**, 38, 1876-82	14.6	127
201	Cardiovascular disease risk factors in youth with diabetes mellitus: a scientific statement from the American Heart Association. *Circulation*, **2014**, 130, 1532-58	16.7	118

200	ISPAD Clinical Practice Consensus Guidelines 2018: Diabetes technologies. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 302-325	3.6	117
199	Contrasting the clinical care and outcomes of 2,622 children with type 1 diabetes less than 6 years of age in the United States T1D Exchange and German/Austrian DPV registries. *Diabetologia*, **2014**, 57, 1578-85	10.3	116
198	A randomized trial of a home system to reduce nocturnal hypoglycemia in type 1 diabetes. *Diabetes Care*, **2014**, 37, 1885-91	14.6	115
197	Higher prevalence of elevated albumin excretion in youth with type 2 than type 1 diabetes: the SEARCH for Diabetes in Youth study. *Diabetes Care*, **2007**, 30, 2593-8	14.6	115
196	ISPAD Clinical Practice Consensus Guidelines 2018: Type 2 diabetes mellitus in youth. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 28-46	3.6	109
195	Randomized, double-blind, placebo-controlled trial of orlistat for weight loss in adolescents. *Endocrine Practice*, **2006**, 12, 18-28	3.2	109
194	Hypertension prevalence, awareness, treatment, and control in an adult type 1 diabetes population and a comparable general population. *Diabetes Care*, **2005**, 28, 301-6	14.6	108
193	Predictive Low-Glucose Insulin Suspension Reduces Duration of Nocturnal Hypoglycemia in Children Without Increasing Ketosis. *Diabetes Care*, **2015**, 38, 1197-204	14.6	107
192	Closed-Loop Control During Intense Prolonged Outdoor Exercise in Adolescents With Type 1 Diabetes: The Artificial Pancreas Ski Study. *Diabetes Care*, **2017**, 40, 1644-1650	14.6	106
191	One Year Clinical Experience of the First Commercial Hybrid Closed-Loop System. *Diabetes Care*, **2019**, 42, 2190-2196	14.6	99
190	ISPAD Clinical Practice Consensus Guidelines 2018: Assessment and management of hypoglycemia in children and adolescents with diabetes. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 178-192	3.6	87
189	Insulin pump therapy in children with type 1 diabetes: analysis of data from the SWEET registry. *Pediatric Diabetes*, **2016**, 17 Suppl 23, 38-45	3.6	84
188	Obesity in Type 1 Diabetes: Pathophysiology, Clinical Impact, and Mechanisms. *Endocrine Reviews*, **2018**, 39, 629-663	27.2	79
187	Outpatient safety assessment of an in-home predictive low-glucose suspend system with type 1 diabetes subjects at elevated risk of nocturnal hypoglycemia. *Diabetes Technology and Therapeutics*, **2013**, 15, 622-7	8.1	74
186	Optimizing Hybrid Closed-Loop Therapy in Adolescents and Emerging Adults Using the MiniMed 670G System. *Diabetes Care*, **2018**, 41, 789-796	14.6	73
185	Features of hepatic and skeletal muscle insulin resistance unique to type 1 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 1663-72	5.6	68
184	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 2000-2016	12.7	66
183	Prevalence of Celiac Disease in 52,721 Youth With Type 1 Diabetes: International Comparison Across Three Continents. *Diabetes Care*, **2017**, 40, 1034-1040	14.6	65

182	Closed-Loop Control Without Meal Announcement in Type 1 Diabetes. *Diabetes Technology and Therapeutics*, **2017**, 19, 527-532	8.1	64
181	Serum cystatin C predicts progression of subclinical coronary atherosclerosis in individuals with type 1 diabetes. *Diabetes*, **2007**, 56, 2774-9	0.9	64
180	Expectations and Attitudes of Individuals With Type 1 Diabetes After Using a Hybrid Closed Loop System. *The Diabetes Educator*, **2017**, 43, 223-232	2.5	60
179	Rapid GFR decline is associated with renal hyperfiltration and impaired GFR in adults with Type 1 diabetes. *Nephrology Dialysis Transplantation*, **2015**, 30, 1706-11	4.3	59
178	Exploring Variation in Glycemic Control Across and Within Eight High-Income Countries: A Cross-sectional Analysis of 64,666 Children and Adolescents With Type 1 Diabetes. *Diabetes Care*, **2018**, 41, 1180-1187	14.6	58
177	A Decade of Disparities in Diabetes Technology Use and HbA in Pediatric Type 1 Diabetes: A Transatlantic Comparison. *Diabetes Care*, **2021**, 44, 133-140	14.6	58
176	Severe hypoglycemia rates are not associated with HbA1c: a cross-sectional analysis of 3 contemporary pediatric diabetes registry databases. *Pediatric Diabetes*, **2017**, 18, 643-650	3.6	56
175	ISPAD Clinical Practice Consensus Guidelines 2018: The delivery of ambulatory diabetes care to children and adolescents with diabetes. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 84-104	3.6	55
174	Longitudinal lipid screening and use of lipid-lowering medications in pediatric type 1 diabetes. *Journal of Pediatrics*, **2007**, 150, 146-50, 150.e1-2	3.6	53
173	Diabetes technology: improving care, improving patient-reported outcomes and preventing complications in young people with Type 1 diabetes. *Diabetic Medicine*, **2018**, 35, 419-429	3.5	50
172	A novel method to detect pressure-induced sensor attenuations (PISA) in an artificial pancreas. *Journal of Diabetes Science and Technology*, **2014**, 8, 1091-6	4.1	49
171	Outpatient Closed-Loop Control with Unannounced Moderate Exercise in Adolescents Using Zone Model Predictive Control. *Diabetes Technology and Therapeutics*, **2017**, 19, 331-339	8.1	48
170	Fully Closed-Loop Multiple Model Probabilistic Predictive Controller Artificial Pancreas Performance in Adolescents and Adults in a Supervised Hotel Setting. *Diabetes Technology and Therapeutics*, **2018**, 20, 335-343	8.1	42
169	Total cholesterol and high-density lipoprotein levels in pediatric subjects with type 1 diabetes mellitus. *Journal of Pediatrics*, **2005**, 147, 544-6	3.6	41
168	Successful At-Home Use of the Tandem Control-IQ Artificial Pancreas System in Young Children During a Randomized Controlled Trial. *Diabetes Technology and Therapeutics*, **2019**, 21, 159-169	8.1	40
167	Estimated insulin sensitivity predicts incident micro- and macrovascular complications in adults with type 1 diabetes over 6 years: the coronary artery calcification in type 1 diabetes study. *Journal of Diabetes and Its Complications*, **2016**, 30, 586-90	3.2	40
166	Unintended Consequences of Coronavirus Disease-2019: Remember General Pediatrics. *Journal of Pediatrics*, **2020**, 223, 197-198	3.6	39
165	Dyslipidemia in youth with diabetes: to treat or not to treat?. *Journal of Pediatrics*, **2008**, 153, 458-65	3.6	39

164	Application of Zone Model Predictive Control Artificial Pancreas During Extended Use of Infusion Set and Sensor: A Randomized Crossover-Controlled Home-Use Trial. *Diabetes Care*, **2017**, 40, 1096-1102	14.6	38
163	HbA1c Levels in Type 1 Diabetes from Early Childhood to Older Adults: A Deeper Dive into the Influence of Technology and Socioeconomic Status on HbA1c in the T1D Exchange Clinic Registry Findings. *Diabetes Technology and Therapeutics*, **2020**, 22, 645-650	8.1	38
162	Prevalence of cardiovascular risk factors in youth with type 1 diabetes and elevated body mass index. *Acta Diabetologica*, **2016**, 53, 271-7	3.9	37
161	COVID-19 and Children With Diabetes-Updates, Unknowns, and Next Steps: First, Do No Extrapolation. *Diabetes Care*, **2020**, 43, 2631-2634	14.6	37
160	Obese adolescents with polycystic ovarian syndrome have elevated cardiovascular disease risk markers. *Vascular Medicine*, **2017**, 22, 85-95	3.3	36
159	ISPAD Clinical Practice Consensus Guidelines 2014. The delivery of ambulatory diabetes care to children and adolescents with diabetes. *Pediatric Diabetes*, **2014**, 15 Suppl 20, 86-101	3.6	36
158	Sugar-sweetened and diet beverage consumption is associated with cardiovascular risk factor profile in youth with type 1 diabetes. *Acta Diabetologica*, **2011**, 48, 275-282	3.9	36
157	Frequency of morning ketosis after overnight insulin suspension using an automated nocturnal predictive low glucose suspend system. *Diabetes Care*, **2014**, 37, 1224-9	14.6	35
156	Factors associated with nocturnal hypoglycemia in at-risk adolescents and young adults with type 1 diabetes. *Diabetes Technology and Therapeutics*, **2015**, 17, 385-91	8.1	34
155	Determinants of serum adiponectin in persons with and without type 1 diabetes. *American Journal of Epidemiology*, **2007**, 166, 731-40	3.8	34
154	The Transatlantic HbA gap: differences in glycaemic control across the lifespan between people included in the US T1D Exchange Registry and those included in the German/Austrian DPV registry. *Diabetic Medicine*, **2020**, 37, 848-855	3.5	33
153	Elevated copeptin is associated with atherosclerosis and diabetic kidney disease in adults with type 1 diabetes. *Journal of Diabetes and Its Complications*, **2016**, 30, 1093-6	3.2	33
152	Closed loop control in adolescents and children during winter sports: Use of the Tandem Control-IQ AP system. *Pediatric Diabetes*, **2019**, 20, 759-768	3.6	32
151	The importance of palmitoleic acid to adipocyte insulin resistance and whole-body insulin sensitivity in type 1 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E40-50	5.6	32
150	Implementation of Depression Screening and Global Health Assessment in Pediatric Subspecialty Clinics. *Journal of Adolescent Health*, **2017**, 61, 591-598	5.8	32
149	Use of Adjuvant Pharmacotherapy in Type 1 Diabetes: International Comparison of 49,996 Individuals in the Prospective Diabetes Follow-up and T1D Exchange Registries. *Diabetes Care*, **2017**, 40, e139-e140	14.6	32
148	Insulin sensitivity is an important determinant of renal health in adolescents with type 2 diabetes. *Diabetes Care*, **2014**, 37, 3033-9	14.6	32
147	Obesity and type 2 diabetes are associated with elevated PCSK9 levels in young women. *Pediatric Diabetes*, **2017**, 18, 755-760	3.6	30

146	Type 1 diabetes in older adults: Comparing treatments and chronic complications in the United States T1D Exchange and the German/Austrian DPV registries. *Diabetes Research and Clinical Practice*, **2016**, 122, 28-37	7.4	30
145	Predictors of Dyslipidemia Over Time in Youth With Type 1 Diabetes: For the SEARCH for Diabetes in Youth Study. *Diabetes Care*, **2017**, 40, 607-613	14.6	29
144	Macrovascular disease and risk factors in youth with type 1 diabetes: time to be more attentive to treatment?. *Lancet Diabetes and Endocrinology,the*, **2018**, 6, 809-820	18.1	29
143	Biopsychosocial Aspects of Weight Management in Type 1 Diabetes: a Review and Next Steps. *Current Diabetes Reports*, **2017**, 17, 58	5.6	29
142	Preventing Early Renal Loss in Diabetes (PERL) Study: A Randomized Double-Blinded Trial of Allopurinol-Rationale, Design, and Baseline Data. *Diabetes Care*, **2019**, 42, 1454-1463	14.6	28
141	A co-formulation of supramolecularly stabilized insulin and pramlintide enhances mealtime glucagon suppression in diabetic pigs. *Nature Biomedical Engineering*, **2020**, 4, 507-517	19	28
140	Trust in hybrid closed loop among people with diabetes: Perspectives of experienced system users. *Journal of Health Psychology*, **2020**, 25, 429-438	3.1	28
139	Early Detection of Infusion Set Failure During Insulin Pump Therapy in Type 1 Diabetes. *Journal of Diabetes Science and Technology*, **2016**, 10, 1268-1276	4.1	26
138	Insulin sensitivity and complications in type 1 diabetes: New insights. *World Journal of Diabetes*, **2015**, 6, 8-16	4.7	26
137	The GomezRequations and renal hemodynamic function in kidney disease research. *American Journal of Physiology - Renal Physiology*, **2016**, 311, F967-F975	4.3	26
136	Children and youth with diabetes are not at increased risk for hospitalization due to COVID-19. *Pediatric Diabetes*, **2021**, 22, 202-206	3.6	26
135	Development and Validation of a Method to Estimate Insulin Sensitivity in Patients With and Without Type 1 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 686-95	5.6	25
134	Efficacy of the Flexible Lifestyles Empowering Change intervention on metabolic and psychosocial outcomes in adolescents with type 1 diabetes (FLEX): a randomised controlled trial. *The Lancet Child and Adolescent Health*, **2018**, 2, 635-646	14.5	25
133	Sustained Continuous Glucose Monitor Use in Low-Income Youth with Type 1 Diabetes Following Insurance Coverage Supports Expansion of Continuous Glucose Monitor Coverage for All. *Diabetes Technology and Therapeutics*, **2018**, 20, 632-634	8.1	25
132	Serum uric acid and insulin sensitivity in adolescents and adults with and without type 1 diabetes. *Journal of Diabetes and Its Complications*, **2014**, 28, 298-304	3.2	25
131	Efficacy of an Overnight Predictive Low-Glucose Suspend System in Relation to Hypoglycemia Risk Factors in Youth and Adults With Type 1 Diabetes. *Journal of Diabetes Science and Technology*, **2016**, 10, 1216-1221	4.1	25
130	Therapeutic inertia: underdiagnosed and undertreated hypertension in children participating in the T1D Exchange Clinic Registry. *Pediatric Diabetes*, **2016**, 17, 15-20	3.6	25
129	Plasma triglycerides predict incident albuminuria and progression of coronary artery calcification in adults with type 1 diabetes: the Coronary Artery Calcification in Type 1 Diabetes Study. *Journal of Clinical Lipidology*, **2014**, 8, 576-583	4.9	23

128	Diabetic Kidney Disease in Adolescents With Type 2 Diabetes: New Insights and Potential Therapies. *Current Diabetes Reports*, **2016**, 16, 11	5.6	22
127	Five heterogeneous HbA1c trajectories from childhood to adulthood in youth with type 1 diabetes from three different continents: A group-based modeling approach. *Pediatric Diabetes*, **2019**, 20, 920-931	3.6	22
126	Duration of Infusion Set Survival in Lipohypertrophy Versus Nonlipohypertrophied Tissue in Patients with Type 1 Diabetes. *Diabetes Technology and Therapeutics*, **2016**, 18, 429-35	8.1	21
125	Estimating Dynamic Treatment Regimes in Mobile Health Using V-learning. *Journal of the American Statistical Association*, **2020**, 115, 692-706	2.8	21
124	ACE-I/ARB treatment in type 1 diabetes patients with albuminuria is associated with lower odds of progression of coronary artery calcification. *Journal of Diabetes and Its Complications*, **2007**, 21, 273-9	3.2	20
123	Improving Clinical Outcomes in Newly Diagnosed Pediatric Type 1 Diabetes: Teamwork, Targets, Technology, and Tight Control-The 4T Study. *Frontiers in Endocrinology*, **2020**, 11, 360	5.7	20
122	Lipoprotein subfraction cholesterol distribution is more atherogenic in insulin resistant adolescents with type 1 diabetes. *Pediatric Diabetes*, **2016**, 17, 257-65	3.6	20
121	The dawn of automated insulin delivery: A new clinical framework to conceptualize insulin administration. *Pediatric Diabetes*, **2018**, 19, 14-17	3.6	20
120	CGM Initiation Soon After Type 1 Diabetes Diagnosis Results in Sustained CGM Use and Wear Time. *Diabetes Care*, **2020**, 43, e3-e4	14.6	19
119	Diabetes Technology Use Among Pregnant and Nonpregnant Women with T1D in the T1D Exchange. *Diabetes Technology and Therapeutics*, **2018**, 20, 517-523	8.1	19
118	A practical method to measure GFR in people with type 1 diabetes. *Journal of Diabetes and Its Complications*, **2014**, 28, 667-73	3.2	19
117	International benchmarking in type 1 diabetes: Large difference in childhood HbA1c between eight high-income countries but similar rise during adolescence-A quality registry study. *Pediatric Diabetes*, **2020**, 21, 621-627	3.6	18
116	Meta-genome-wide association studies identify a locus on chromosome 1 and multiple variants in the MHC region for serum C-peptide in type 1 diabetes. *Diabetologia*, **2018**, 61, 1098-1111	10.3	18
115	Hyperfiltration and uricosuria in adolescents with type 1 diabetes. *Pediatric Nephrology*, **2016**, 31, 787-93	3.2	18
114	Uninterrupted continuous glucose monitoring access is associated with a decrease in HbA1c in youth with type 1 diabetes and public insurance. *Pediatric Diabetes*, **2020**, 21, 1301-1309	3.6	18
113	Predictive Hyperglycemia and Hypoglycemia Minimization: In-Home Evaluation of Safety, Feasibility, and Efficacy in Overnight Glucose Control in Type 1 Diabetes. *Diabetes Care*, **2017**, 40, 359-366	14.6	17
112	Undertreatment of cardiovascular risk factors in the type 1 diabetes exchange clinic network (United States) and the prospective diabetes follow-up (Germany/Austria) registries. *Diabetes, Obesity and Metabolism*, **2020**, 22, 1577-1585	6.7	17
111	Prediction of acute coronary syndromes by urinary proteome analysis. *PLoS ONE*, **2017**, 12, e0172036	3.7	17

110	Glucose Control During Physical Activity and Exercise Using Closed Loop Technology in Adults and Adolescents with Type 1 Diabetes. *Canadian Journal of Diabetes*, **2020**, 44, 740-749	2.1	16
109	Adiponectin is associated with early diabetic kidney disease in adults with type 1 diabetes: A Coronary Artery Calcification in Type 1 Diabetes (CACTI) Study. *Journal of Diabetes and Its Complications*, **2017**, 31, 369-374	3.2	16
108	Renal function is associated with peak exercise capacity in adolescents with type 1 diabetes. *Diabetes Care*, **2015**, 38, 126-31	14.6	16
107	Clinical Use of Continuous Glucose Monitoring in Pediatrics. *Diabetes Technology and Therapeutics*, **2017**, 19, S37-S43	8.1	15
106	Lower A1c among adolescents with lower perceived A1c goal: a cross-sectional survey. *International Journal of Pediatric Endocrinology (Springer)*, **2013**, 2013, 17	1.5	15
105	Hemoglobin A1c Trajectory in Pediatric Patients with Newly Diagnosed Type 1 Diabetes. *Diabetes Technology and Therapeutics*, **2019**, 21, 456-461	8.1	14
104	Continuous Glucose Monitoring Enables the Detection of Losses in Infusion Set Actuation (LISAs). *Sensors*, **2017**, 17,	3.8	14
103	Psychosocial and Human Factors During a Trial of a Hybrid Closed Loop System for Type 1 Diabetes Management. *Diabetes Technology and Therapeutics*, **2018**, 20, 648-653	8.1	14
102	Relation of Combined Non-High-Density Lipoprotein Cholesterol and Apolipoprotein B With Atherosclerosis in Adults With Type 1 Diabetes Mellitus. *American Journal of Cardiology*, **2015**, 116, 1057-62	3	13
101	Real-Time Detection of Infusion Site Failures in a Closed-Loop Artificial Pancreas. *Journal of Diabetes Science and Technology*, **2018**, 12, 599-607	4.1	13
100	A survey of youth with new onset type 1 diabetes: Opportunities to reduce diabetic ketoacidosis. *Pediatric Diabetes*, **2017**, 18, 547-552	3.6	13
99	Barriers to Technology Use and Endocrinology Care for Underserved Communities With Type 1 Diabetes. *Diabetes Care*, **2021**, 44, 1480-1490	14.6	13
98	Predictive hyperglycemia and hypoglycemia minimization: In-home double-blind randomized controlled evaluation in children and young adolescents. *Pediatric Diabetes*, **2018**, 19, 420-428	3.6	13
97	The early natural history of albuminuria in young adults with youth-onset type 1 and type 2 diabetes. *Journal of Diabetes and Its Complications*, **2018**, 32, 1160-1168	3.2	13
96	Eating patterns and food intake of persons with type 1 diabetes within the T1D exchange. *Diabetes Research and Clinical Practice*, **2018**, 141, 217-228	7.4	13
95	Using patient reported outcomes in diabetes research and practice: Recommendations from a national workshop. *Diabetes Research and Clinical Practice*, **2019**, 153, 23-29	7.4	12
94	Effect of lipohypertrophy on accuracy of continuous glucose monitoring in patients with type 1 diabetes. *Diabetes Care*, **2015**, 38, e166-7	14.6	12
93	Sex-specific differences in insulin resistance in type 1 diabetes: The CACTI cohort. *Journal of Diabetes and Its Complications*, **2018**, 32, 418-423	3.2	12

92	ABC goal achievement predicts microvascular but not macrovascular complications over 6-years in adults with type 1 diabetes: the Coronary Artery Calcification in Type 1 Diabetes Study. *Journal of Diabetes and Its Complications*, **2014**, 28, 762-6	3.2	12
91	The effects of lowering nighttime and breakfast glucose levels with sensor-augmented pump therapy on hemoglobin A1c levels in type 1 diabetes. *Diabetes Technology and Therapeutics*, **2014**, 16, 284-91	8.1	12
90	The Evolution of Hemoglobin A Targets for Youth With Type 1 Diabetes: Rationale and Supporting Evidence. *Diabetes Care*, **2021**, 44, 301-312	14.6	12
89	PCSK9 Is Increased in Youth With Type 1 Diabetes. *Diabetes Care*, **2017**, 40, e85-e87	14.6	11
88	Diabetes Complications in Childhood Diabetes-New Biomarkers and Technologies. *Current Pediatrics Reports*, **2015**, 3, 177-186	0.7	11
87	The Flexible Lifestyle Empowering Change (FLEX) intervention for self-management in adolescents with type 1 diabetes: Trial design and baseline characteristics. *Contemporary Clinical Trials*, **2018**, 66, 64-73	2.3	11
86	Frequency of Continuous Glucose Monitoring Use and Change in Hemoglobin A1C for Adults with Type 1 Diabetes in a Clinical Practice Setting. *Endocrine Practice*, **2014**, 20, 1007-15	3.2	11
85	Fasting blood glucose--a missing variable for GFR-estimation in type 1 diabetes?. *PLoS ONE*, **2014**, 9, e96264	3.7	11
84	Dietary intake and risk of non-severe hypoglycemia in adolescents with type 1 diabetes. *Journal of Diabetes and Its Complications*, **2017**, 31, 1340-1347	3.2	10
83	Albuminuria is associated with greater copeptin concentrations in men with type 1 diabetes: A brief report from the T1D exchange Biobank. *Journal of Diabetes and Its Complications*, **2017**, 31, 387-389	3.2	10
82	Provider Implicit Bias Impacts Pediatric Type 1 Diabetes Technology Recommendations in the United States: Findings from The Gatekeeper Study. *Journal of Diabetes Science and Technology*, **2021**, 15, 1027-1033	4.1	10
81	Multi-Clinic Quality Improvement Initiative Increases Continuous Glucose Monitoring Use Among Adolescents and Young Adults With Type 1 Diabetes. *Clinical Diabetes*, **2021**, 39, 264-271	2.9	10
80	Measured GFR in Routine Clinical Practice-The Promise of Dried Blood Spots. *Advances in Chronic Kidney Disease*, **2018**, 25, 76-83	4.7	9
79	Type 1 diabetes is associated with an increase in cholesterol absorption markers but a decrease in cholesterol synthesis markers in a young adult population. *Journal of Clinical Lipidology*, **2019**, 13, 940-946	4.9	9
78	The effect of insurance status and parental education on glycemic control and cardiovascular disease risk profile in youth with Type 1 Diabetes. *Journal of Diabetes and Metabolic Disorders*, **2014**, 13, 59	2.5	9
77	Behavioural implications of traditional treatment and closed-loop automated insulin delivery systems in Type 1 diabetes: applying a cognitive restraint theory framework. *Diabetic Medicine*, **2017**, 34, 1500-1507	3.5	8
76	Role of bicarbonate supplementation on urine uric acid crystals and diabetic tubulopathy in adults with type 1 diabetes. *Diabetes, Obesity and Metabolism*, **2018**, 20, 1776-1780	6.7	8
75	Flexible Lifestyles for Youth (FL3X) behavioural intervention for at-risk adolescents with Type 1 diabetes: a randomized pilot and feasibility trial. *Diabetic Medicine*, **2015**, 32, 829-33	3.5	8

74	Genetic Determinants of Glycated Hemoglobin in Type 1 Diabetes. *Diabetes*, **2019**, 68, 858-867	0.9	7
73	Birth weight [corrected] and elevated albumin to creatinine ratio in youth with diabetes: the SEARCH for Diabetes in Youth study. *Pediatric Nephrology*, **2008**, 23, 2255-60	3.2	7
72	Primary Care Providers in California and Florida Report Low Confidence in Providing Type 1 Diabetes Care. *Clinical Diabetes*, **2020**, 38, 159-165	2.9	7
71	R was ready for it at the beginningR Parent experiences with early introduction of continuous glucose monitoring following their childR Type 1 diabetes diagnosis. *Diabetic Medicine*, **2021**, 38, e14567	2.5	7
70	Measuring glomerular filtration rate by iohexol clearance on filter paper is feasible in adolescents with type 1 diabetes in the ambulatory setting. *Acta Diabetologica*, **2016**, 53, 331-3	3.9	6
69	Elevated copeptin, arterial stiffness, and elevated albumin excretion in adolescents with type 1 diabetes. *Pediatric Diabetes*, **2019**, 20, 1110-1117	3.6	6
68	Predictors of early renal function decline in adults with Type 1 diabetes: the Coronary Artery Calcification in Type 1 Diabetes and the Pittsburgh Epidemiology of Diabetes Complications studies. *Diabetic Medicine*, **2017**, 34, 1532-1540	3.5	6
67	Ketone production in children with type 1 diabetes, ages 4-14 years, with and without nocturnal insulin pump suspension. *Pediatric Diabetes*, **2017**, 18, 422-427	3.6	6
66	Tele-rounds and Case-Based Training: Project ECHO Telementoring Model Applied to Complex Diabetes Care. *Pediatric Clinics of North America*, **2020**, 67, 759-772	3.6	6
65	Full closed loop open-source algorithm performance comparison in pigs with diabetes. *Clinical and Translational Medicine*, **2021**, 11, e387	5.7	6
64	Age and Hospitalization Risk in People with Type 1 Diabetes and COVID-19: Data from the T1D Exchange Surveillance Study. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	6
63	Adiponectin-SOGA Dissociation in Type 1 Diabetes. *Journal of Clinical Endocrinology and Metabolism* , **2015**, 100, E1065-73	5.6	5
62	Advances in Care for Insulin-Requiring Patients Without Closed Loop. *Diabetes Technology and Therapeutics*, **2018**, 20, S285-S291	8.1	5
61	Teamwork, Targets, Technology, and Tight Control in Newly Diagnosed Type 1 Diabetes: Pilot 4T Study. *Journal of Clinical Endocrinology and Metabolism*, **2021**,	5.6	5
60	The Neighborhood Deprivation Index and Provider Geocoding Identify Critical Catchment Areas for Diabetes Outreach. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	5
59	Diabetes Technology and Therapy in the Pediatric Age Group. *Diabetes Technology and Therapeutics* , **2019**, 21, S123-S137	8.1	5
58	ISPAD Clinical Practice Consensus Guidelines 2018: Limited Care Guidance Appendix. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 328-338	3.6	5
57	Two-step recruitment process optimizes retention in FLEX clinical trial. *Contemporary Clinical Trials Communications*, **2018**, 12, 68-75	1.8	5

56	A Data-Driven Approach to Artificial Pancreas Verification and Synthesis **2018**,		5
55	Hemoglobin A1c Patterns of Youth With Type 1 Diabetes 10 Years Post Diagnosis From 3 Continents. *Pediatrics*, **2021**, 148,	7.4	5
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