

David M Maahs

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Overcoming Barriers to Diabetes Technology in Youth with Type 1 Diabetes and Public Insurance: Cases and Call to Action.. <i>Case Reports in Endocrinology</i> , 2022 , 2022, 9911736	1.2	
216	Design of the advancing care for type 1 diabetes and obesity network energy metabolism and sequential multiple assignment randomized trial nutrition pilot studies: An integrated approach to develop weight management solutions for individuals with type 1 diabetes.. <i>Contemporary Clinical Trials</i> , 2022 , 106765	2.3	1
215	Diabetes Technology and Therapy in the Pediatric Age Group.. <i>Diabetes Technology and Therapeutics</i> , 2022 , 24, S107-S128	8.1	
214	Teamwork, Targets, Technology, and Tight Control in Newly Diagnosed Type 1 Diabetes: Pilot 4T Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	5
213	Renal Complications and Duration of Diabetes: An International Comparison in Persons with Type 1 Diabetes. <i>Diabetes Therapy</i> , 2021 , 12, 3093-3105	3.6	0
212	Provider Implicit Bias Impacts Pediatric Type 1 Diabetes Technology Recommendations in the United States: Findings from The Gatekeeper Study. <i>Journal of Diabetes Science and Technology</i> , 2021 , 15, 1027-1033	4.1	10
211	I was ready for it at the beginning Parent experiences with early introduction of continuous glucose monitoring following their child's Type 1 diabetes diagnosis. <i>Diabetic Medicine</i> , 2021 , 38, e14567	3.5	7
210	Full closed loop open-source algorithm performance comparison in pigs with diabetes. <i>Clinical and Translational Medicine</i> , 2021 , 11, e387	5.7	6
209	Barriers to Technology Use and Endocrinology Care for Underserved Communities With Type 1 Diabetes. <i>Diabetes Care</i> , 2021 , 44, 1480-1490	14.6	13
208	Comment on Gregory et al. COVID-19 Severity Is Tripled in the Diabetes Community: A Prospective Analysis of the Pandemic's Impact in Type 1 and Type 2 Diabetes. <i>Diabetes Care</i> 2021;44:526-532. <i>Diabetes Care</i> , 2021 , 44, e102	14.6	2
207	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, S113-S130	8.1	
206	50 Years Ago in The Journal of Pediatrics: Progress in Pediatric Diabetes Prediction, Management, and Outcomes. <i>Journal of Pediatrics</i> , 2021 , 233, 131	3.6	
205	Diabetes Technology Use for Management of Type 1 Diabetes Is Associated With Fewer Adverse COVID-19 Outcomes: Findings From the T1D Exchange COVID-19 Surveillance Registry. <i>Diabetes Care</i> , 2021 , 44, e160-e162	14.6	4
204	ONBOARD: A Feasibility Study of a Telehealth-Based Continuous Glucose Monitoring Adoption Intervention for Adults with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 818-827	8.1	2
203	Democratizing type 1 diabetes specialty care in the primary care setting to reduce health disparities: project extension for community healthcare outcomes (ECHO) T1D. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	3
202	Engineering Insulin Cold Chain Resilience to Improve Global Access. <i>Biomacromolecules</i> , 2021 , 22, 3386-3395	3.9	3
201	50 Years Ago in The Journal of Pediatrics: Association of Type 1 Diabetes Mellitus and Celiac Disease: Then and Now. <i>Journal of Pediatrics</i> , 2021 , 230, 70	3.6	0

200	Children and youth with diabetes are not at increased risk for hospitalization due to COVID-19. <i>Pediatric Diabetes</i> , 2021 , 22, 202-206	3.6	26
199	50 Years Ago in The Journal of Pediatrics: Advances in Neonatal Thyrotoxicosis. <i>Journal of Pediatrics</i> , 2021 , 231, 199	3.6	
198	A Decade of Disparities in Diabetes Technology Use and HbA in Pediatric Type 1 Diabetes: A Transatlantic Comparison. <i>Diabetes Care</i> , 2021 , 44, 133-140	14.6	58
197	Clinically Serious Hypoglycemia Is Rare and Not Associated With Time-in-range in Youth With New-onset Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 3239-3247	5.6	3
196	Multi-Clinic Quality Improvement Initiative Increases Continuous Glucose Monitoring Use Among Adolescents and Young Adults With Type 1 Diabetes. <i>Clinical Diabetes</i> , 2021 , 39, 264-271	2.9	10
195	Hemoglobin A1c Patterns of Youth With Type 1 Diabetes 10 Years Post Diagnosis From 3 Continents. <i>Pediatrics</i> , 2021 , 148,	7.4	5
194	Improved individual and population-level HbA1c estimation using CGM data and patient characteristics. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 107950	3.2	3
193	50 Years Ago in The Journal of Pediatrics: Neonatal Hypoglycemia: Progress and Predicaments. <i>Journal of Pediatrics</i> , 2021 , 235, 82	3.6	
192	Changes in HbA1c Between 2011 and 2017 in Germany/Austria, Sweden, and the United States: A Lifespan Perspective. <i>Diabetes Technology and Therapeutics</i> , 2021 ,	8.1	3
191	Ultra-Fast Insulin-Pramlintide Co-Formulation for Improved Glucose Management in Diabetic Rats. <i>Advanced Science</i> , 2021 , 8, e2101575	13.6	2
190	Population-level management of type 1 diabetes via continuous glucose monitoring and algorithm-enabled patient prioritization: Precision health meets population health. <i>Pediatric Diabetes</i> , 2021 , 22, 982-991	3.6	1
189	Age and Hospitalization Risk in People with Type 1 Diabetes and COVID-19: Data from the T1D Exchange Surveillance Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	6
188	Help when you need it: Perspectives of adults with T1D on the support and training they would have wanted when starting CGM. <i>Diabetes Research and Clinical Practice</i> , 2021 , 180, 109048	7.4	1
187	The Evolution of Hemoglobin A Targets for Youth With Type 1 Diabetes: Rationale and Supporting Evidence. <i>Diabetes Care</i> , 2021 , 44, 301-312	14.6	12
186	Response to Letter to the Editor from Justin M. Gregory: Age and Hospitalization Risk in People With Type 1 Diabetes and COVID-19: Data From the T1D Exchange Surveillance Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	1
185	Weight Management in Youth with Type 1 Diabetes and Obesity: Challenges and Possible Solutions. <i>Current Obesity Reports</i> , 2020 , 9, 412-423	8.4	3
184	CGM Initiation Soon After Type 1 Diabetes Diagnosis Results in Sustained CGM Use and Wear Time. <i>Diabetes Care</i> , 2020 , 43, e3-e4	14.6	19
183	A co-formulation of supramolecularly stabilized insulin and pramlintide enhances mealtime glucagon suppression in diabetic pigs. <i>Nature Biomedical Engineering</i> , 2020 , 4, 507-517	19	28

182	Enhancing resources for healthcare professionals caring for people on intensive insulin therapy: Summary from a national workshop. <i>Diabetes Research and Clinical Practice</i> , 2020 , 164, 108169	7.4	3
181	Unintended Consequences of Coronavirus Disease-2019: Remember General Pediatrics. <i>Journal of Pediatrics</i> , 2020 , 223, 197-198	3.6	39
180	Glucose Control During Physical Activity and Exercise Using Closed Loop Technology in Adults and Adolescents with Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2020 , 44, 740-749	2.1	16
179	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, S89-S108	8.1	
178	50 Years Ago in TheJournal ofPediatrics: The Achilles Reflex Time in Thyroid Disorders. <i>Journal of Pediatrics</i> , 2020 , 217, 78	3.6	
177	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. <i>Pediatric Diabetes</i> , 2020 , 21, 621-627	3.6	18
176	Undertreatment of cardiovascular risk factors in the type 1 diabetes exchange clinic network (United States) and the prospective diabetes follow-up (Germany/Austria) registries. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1577-1585	6.7	17
175	Primary Care Providers in California and Florida Report Low Confidence in Providing Type 1 Diabetes Care. <i>Clinical Diabetes</i> , 2020 , 38, 159-165	2.9	7
174	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. <i>Diabetic Medicine</i> , 2020 , 37, 848-855	3.5	33
173	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. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, 645-650	8.1	38
172	Dietary intake on days with and without hypoglycemia in youth with type 1 diabetes: The Flexible Lifestyle Empowering Change trial. <i>Pediatric Diabetes</i> , 2020 , 21, 1475-1484	3.6	1
171	50 Years Ago in TheJournal ofPediatrics: Type 1 Diabetes Mellitus and the Presence of Other Autoimmune Disease. <i>Journal of Pediatrics</i> , 2020 , 223, 19	3.6	
170	50 Years Ago in TheJournal ofPediatrics: Change in Growth Hormone with Obesity: More Consequence Than Cause, Although Questions Remain. <i>Journal of Pediatrics</i> , 2020 , 223, 99	3.6	
169	Tele-rounds and Case-Based Training: Project ECHO Telementoring Model Applied to Complex Diabetes Care. <i>Pediatric Clinics of North America</i> , 2020 , 67, 759-772	3.6	6
168	50 Years Ago in TheJournal ofPediatrics: Advances in Diagnosis and Treatment of Pseudovitamin D Deficiency Rickets. <i>Journal of Pediatrics</i> , 2020 , 221, 200	3.6	
167	The Neighborhood Deprivation Index and Provider Geocoding Identify Critical Catchment Areas for Diabetes Outreach. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	5
166	Uninterrupted continuous glucose monitoring access is associated with a decrease in HbA1c in youth with type 1 diabetes and public insurance. <i>Pediatric Diabetes</i> , 2020 , 21, 1301-1309	3.6	18
165	Improving Clinical Outcomes in Newly Diagnosed Pediatric Type 1 Diabetes: Teamwork, Targets, Technology, and Tight Control-The 4T Study. <i>Frontiers in Endocrinology</i> , 2020 , 11, 360	5.7	20

164	Characterization of youth goal setting in the self-management of type 1 diabetes and associations with HbA1c: The Flexible Lifestyle Empowering Change trial. <i>Pediatric Diabetes</i> , 2020 , 21, 1343-1352	3.6	3
163	Markers of cholesterol synthesis are elevated in adolescents and young adults with type 2 diabetes. <i>Pediatric Diabetes</i> , 2020 , 21, 1126-1131	3.6	2
162	COVID-19 and Children With Diabetes-Updates, Unknowns, and Next Steps: First, Do No Extrapolation. <i>Diabetes Care</i> , 2020 , 43, 2631-2634	14.6	37
161	Trust in hybrid closed loop among people with diabetes: Perspectives of experienced system users. <i>Journal of Health Psychology</i> , 2020 , 25, 429-438	3.1	28
160	Estimating Dynamic Treatment Regimes in Mobile Health Using V-learning. <i>Journal of the American Statistical Association</i> , 2020 , 115, 692-706	2.8	21
159	Understanding adolescent and parent acceptability and feasibility experience in a large Type 1 diabetes mellitus behavioural trial. <i>Diabetic Medicine</i> , 2020 , 37, 1134-1145	3.5	
158	One Year Clinical Experience of the First Commercial Hybrid Closed-Loop System. <i>Diabetes Care</i> , 2019 , 42, 2190-2196	14.6	99
157	Genetic Determinants of Glycated Hemoglobin in Type 1 Diabetes. <i>Diabetes</i> , 2019 , 68, 858-867	0.9	7
156	State of Type 1 Diabetes Management and Outcomes from the T1D Exchange in 2016-2018. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, 66-72	8.1	751
155	Models, Devices, Properties, and Verification of Artificial Pancreas Systems. <i>Computational Biology</i> , 2019 , 93-131	0.7	3
154	Assessment of a Precision Medicine Analysis of a Behavioral Counseling Strategy to Improve Adherence to Diabetes Self-management Among Youth: A Post Hoc Analysis of the FLEX Trial. <i>JAMA Network Open</i> , 2019 , 2, e195137	10.4	
153	Preventing Early Renal Loss in Diabetes (PERL) Study: A Randomized Double-Blinded Trial of Allopurinol-Rationale, Design, and Baseline Data. <i>Diabetes Care</i> , 2019 , 42, 1454-1463	14.6	28
152	Using patient reported outcomes in diabetes research and practice: Recommendations from a national workshop. <i>Diabetes Research and Clinical Practice</i> , 2019 , 153, 23-29	7.4	12
151	Identification of clinically relevant dysglycemia phenotypes based on continuous glucose monitoring data from youth with type 1 diabetes and elevated hemoglobin A1c. <i>Pediatric Diabetes</i> , 2019 , 20, 556-566	3.6	3
150	Closed loop control in adolescents and children during winter sports: Use of the Tandem Control-IQ AP system. <i>Pediatric Diabetes</i> , 2019 , 20, 759-768	3.6	32
149	Artificial pancreas in pediatrics 2019 , 237-259		1
148	Successful At-Home Use of the Tandem Control-IQ Artificial Pancreas System in Young Children During a Randomized Controlled Trial. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, 159-169	8.1	40
147	Five heterogeneous HbA1c trajectories from childhood to adulthood in youth with type 1 diabetes from three different continents: A group-based modeling approach. <i>Pediatric Diabetes</i> , 2019 , 20, 920-931	3.6	22

146	Elevated copeptin, arterial stiffness, and elevated albumin excretion in adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2019 , 20, 1110-1117	3.6	6
145	Hemoglobin A1c Trajectory in Pediatric Patients with Newly Diagnosed Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, 456-461	8.1	14
144	Serum uromodulin is associated with urinary albumin excretion in adolescents with type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2019 , 33, 648-650	3.2	4
143	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 2000-2016	12.7	66
142	50 Years Ago in The Journal of Pediatrics: Idiopathic Hypoglycemia: A Study of Twenty-Six Children. <i>Journal of Pediatrics</i> , 2019 , 214, 70	3.6	
141	Type 1 diabetes is associated with an increase in cholesterol absorption markers but a decrease in cholesterol synthesis markers in a young adult population. <i>Journal of Clinical Lipidology</i> , 2019 , 13, 940-949	4.9	9
140	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, S123-S137	8.1	5
139	Dysglycemia among youth with type 1 diabetes and suboptimal glycemic control in the Flexible Lifestyle Empowering Change trial. <i>Pediatric Diabetes</i> , 2019 , 20, 180-188	3.6	0
138	Macrovascular disease and risk factors in youth with type 1 diabetes: time to be more attentive to treatment?. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 809-820	18.1	29
137	Measured GFR in Routine Clinical Practice-The Promise of Dried Blood Spots. <i>Advances in Chronic Kidney Disease</i> , 2018 , 25, 76-83	4.7	9
136	Role of bicarbonate supplementation on urine uric acid crystals and diabetic tubulopathy in adults with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1776-1780	6.7	8
135	Fully Closed-Loop Multiple Model Probabilistic Predictive Controller Artificial Pancreas Performance in Adolescents and Adults in a Supervised Hotel Setting. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, 335-343	8.1	42
134	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. <i>Diabetes Care</i> , 2018 , 41, 1180-1187	14.6	58
133	Sex-specific differences in insulin resistance in type 1 diabetes: The CACTI cohort. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 418-423	3.2	12
132	Real-Time Detection of Infusion Site Failures in a Closed-Loop Artificial Pancreas. <i>Journal of Diabetes Science and Technology</i> , 2018 , 12, 599-607	4.1	13
131	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. <i>Diabetologia</i> , 2018 , 61, 1098-1111	10.3	18
130	Optimizing Hybrid Closed-Loop Therapy in Adolescents and Emerging Adults Using the MiniMed 670G System. <i>Diabetes Care</i> , 2018 , 41, 789-796	14.6	73
129	Diabetes: Quantifying genetic susceptibility in T1DM - implications for diagnosis after age 30. <i>Nature Reviews Endocrinology</i> , 2018 , 14, 134-135	15.2	1

128	Diabetes technology: improving care, improving patient-reported outcomes and preventing complications in young people with Type 1 diabetes. <i>Diabetic Medicine</i> , 2018 , 35, 419-429	3.5	50
127	The Flexible Lifestyle Empowering Change (FLEX) intervention for self-management in adolescents with type 1 diabetes: Trial design and baseline characteristics. <i>Contemporary Clinical Trials</i> , 2018 , 66, 64-73	2.3	11
126	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, S114-S127	8.1	
125	ISPAD Clinical Practice Consensus Guidelines 2018: Glycemic control targets and glucose monitoring for children, adolescents, and young adults with diabetes. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 105-114	3.6	268
124	Efficacy of the Flexible Lifestyles Empowering Change intervention on metabolic and psychosocial outcomes in adolescents with type 1 diabetes (FLEX): a randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2018 , 2, 635-646	14.5	25
123	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. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, 632-634	8.1	25
122	ISPAD Clinical Practice Consensus Guidelines 2018: Diabetes technologies. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 302-325	3.6	117
121	Diabetes Technology Use Among Pregnant and Nonpregnant Women with T1D in the T1D Exchange. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, 517-523	8.1	19
120	ISPAD Clinical Practice Consensus Guidelines 2018: Type 2 diabetes mellitus in youth. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 28-46	3.6	109
119	Type 1 Diabetes in Children and Adolescents: A Position Statement by the American Diabetes Association. <i>Diabetes Care</i> , 2018 , 41, 2026-2044	14.6	144
118	ISPAD Clinical Practice Consensus Guidelines 2018: The delivery of ambulatory diabetes care to children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 84-104	3.6	55
117	Age at type 1 diabetes onset: a new risk factor and call for focused treatment. <i>Lancet, The</i> , 2018 , 392, 453-454	40	2
116	ISPAD Clinical Practice Consensus Guidelines 2018: Assessment and management of hypoglycemia in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 178-192	3.6	87
115	Advances in Care for Insulin-Requiring Patients Without Closed Loop. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, S285-S291	8.1	5
114	Predictive hyperglycemia and hypoglycemia minimization: In-home double-blind randomized controlled evaluation in children and young adolescents. <i>Pediatric Diabetes</i> , 2018 , 19, 420-428	3.6	13
113	Dynamic changes in retinal vessel diameter during acute hyperglycemia in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 234-239	3.2	1
112	The dawn of automated insulin delivery: A new clinical framework to conceptualize insulin administration. <i>Pediatric Diabetes</i> , 2018 , 19, 14-17	3.6	20
111	The early natural history of albuminuria in young adults with youth-onset type 1 and type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 1160-1168	3.2	13

110	ISPAD Clinical Practice Consensus Guidelines 2018: Limited Care Guidance Appendix. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 328-338	3.6	5
109	Obesity in Type 1 Diabetes: Pathophysiology, Clinical Impact, and Mechanisms. <i>Endocrine Reviews</i> , 2018 , 39, 629-663	27.2	79
108	Psychosocial and Human Factors During a Trial of a Hybrid Closed Loop System for Type 1 Diabetes Management. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, 648-653	8.1	14
107	Two-step recruitment process optimizes retention in FLEX clinical trial. <i>Contemporary Clinical Trials Communications</i> , 2018 , 12, 68-75	1.8	5
106	A Data-Driven Approach to Artificial Pancreas Verification and Synthesis 2018 ,		5
105	ISPAD Clinical Practice Consensus Guidelines 2018: Introduction to the Limited Care guidance appendix. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 326-327	3.6	2
104	Continuous glucose monitoring and glycemic control among youth with type 1 diabetes: International comparison from the T1D Exchange and DPV Initiative. <i>Pediatric Diabetes</i> , 2018 , 19, 1271-1275	3.6	139
103	Eating patterns and food intake of persons with type 1 diabetes within the T1D exchange. <i>Diabetes Research and Clinical Practice</i> , 2018 , 141, 217-228	7.4	13
102	ISPAD Annual Conference 2017 Highlights. <i>Pediatric Diabetes</i> , 2018 , 19, 855-858	3.6	
101	Predictive Hyperglycemia and Hypoglycemia Minimization: In-Home Evaluation of Safety, Feasibility, and Efficacy in Overnight Glucose Control in Type 1 Diabetes. <i>Diabetes Care</i> , 2017 , 40, 359-366	14.6	17
100	Predictors of Dyslipidemia Over Time in Youth With Type 1 Diabetes: For the SEARCH for Diabetes in Youth Study. <i>Diabetes Care</i> , 2017 , 40, 607-613	14.6	29
99	In-Home Closed Loop Control for Artificial Pancreas: Patient and Provider Perspective. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 4-6	8.1	1
98	Obesity and type 2 diabetes are associated with elevated PCSK9 levels in young women. <i>Pediatric Diabetes</i> , 2017 , 18, 755-760	3.6	30
97	Response to Comment on Hofer et al. International Comparison of Smoking and Metabolic Control in Patients With Type 1 Diabetes. <i>Diabetes Care</i> 2016;39:e177-e178. <i>Diabetes Care</i> , 2017 , 40, e37	14.6	
96	Obese adolescents with polycystic ovarian syndrome have elevated cardiovascular disease risk markers. <i>Vascular Medicine</i> , 2017 , 22, 85-95	3.3	36
95	Diabetes Technology and Therapy in the Pediatric Age Group. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, S105-S119	8.1	1
94	Outpatient Closed-Loop Control with Unannounced Moderate Exercise in Adolescents Using Zone Model Predictive Control. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 331-339	8.1	48
93	Dietary intake and risk of non-severe hypoglycemia in adolescents with type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1340-1347	3.2	10

92	Behavioural implications of traditional treatment and closed-loop automated insulin delivery systems in Type 1 diabetes: applying a cognitive restraint theory framework. <i>Diabetic Medicine</i> , 2017 , 34, 1500-1507	3.5	8
91	Application of Zone Model Predictive Control Artificial Pancreas During Extended Use of Infusion Set and Sensor: A Randomized Crossover-Controlled Home-Use Trial. <i>Diabetes Care</i> , 2017 , 40, 1096-1102	14.6	38
90	Clinical Use of Continuous Glucose Monitoring in Pediatrics. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, S37-S43	8.1	15
89	Prevalence of Celiac Disease in 52,721 Youth With Type 1 Diabetes: International Comparison Across Three Continents. <i>Diabetes Care</i> , 2017 , 40, 1034-1040	14.6	65
88	PCSK9 Is Increased in Youth With Type 1 Diabetes. <i>Diabetes Care</i> , 2017 , 40, e85-e87	14.6	11
87	Expectations and Attitudes of Individuals With Type 1 Diabetes After Using a Hybrid Closed Loop System. <i>The Diabetes Educator</i> , 2017 , 43, 223-232	2.5	60
86	Albuminuria is associated with greater copeptin concentrations in men with type 1 diabetes: A brief report from the T1D exchange Biobank. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 387-389	3.2	10
85	Response to Comment on Craig et al. Prevalence of Celiac Disease in 52,721 Youth With Type 1 Diabetes: International Comparison Across Three Continents. <i>Diabetes Care</i> 2017;40:1034-1040. <i>Diabetes Care</i> , 2017 , 40, e168-e169	14.6	1
84	Implementation of Depression Screening and Global Health Assessment in Pediatric Subspecialty Clinics. <i>Journal of Adolescent Health</i> , 2017 , 61, 591-598	5.8	32
83	Closed-Loop Control During Intense Prolonged Outdoor Exercise in Adolescents With Type 1 Diabetes: The Artificial Pancreas Ski Study. <i>Diabetes Care</i> , 2017 , 40, 1644-1650	14.6	106
82	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. <i>Diabetic Medicine</i> , 2017 , 34, 1532-1540	3.5	6
81	Use of Adjuvant Pharmacotherapy in Type 1 Diabetes: International Comparison of 49,996 Individuals in the Prospective Diabetes Follow-up and T1D Exchange Registries. <i>Diabetes Care</i> , 2017 , 40, e139-e140	14.6	32
80	Closed-Loop Control Without Meal Announcement in Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 527-532	8.1	64
79	International Consensus on Use of Continuous Glucose Monitoring. <i>Diabetes Care</i> , 2017 , 40, 1631-1640	14.6	872
78	Biopsychosocial Aspects of Weight Management in Type 1 Diabetes: a Review and Next Steps. <i>Current Diabetes Reports</i> , 2017 , 17, 58	5.6	29
77	A survey of youth with new onset type 1 diabetes: Opportunities to reduce diabetic ketoacidosis. <i>Pediatric Diabetes</i> , 2017 , 18, 547-552	3.6	13
76	Adiponectin is associated with early diabetic kidney disease in adults with type 1 diabetes: A Coronary Artery Calcification in Type 1 Diabetes (CACTI) Study. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 369-374	3.2	16
75	Ketone production in children with type 1 diabetes, ages 4-14 years, with and without nocturnal insulin pump suspension. <i>Pediatric Diabetes</i> , 2017 , 18, 422-427	3.6	6

74	Severe hypoglycemia rates are not associated with HbA1c: a cross-sectional analysis of 3 contemporary pediatric diabetes registry databases. <i>Pediatric Diabetes</i> , 2017 , 18, 643-650	3.6	56
73	Continuous Glucose Monitoring Enables the Detection of Losses in Infusion Set Actuation (LISAs). <i>Sensors</i> , 2017 , 17,	3.8	14
72	Prediction of acute coronary syndromes by urinary proteome analysis. <i>PLoS ONE</i> , 2017 , 12, e0172036	3.7	17
71	Prevalence of cardiovascular risk factors in youth with type 1 diabetes and elevated body mass index. <i>Acta Diabetologica</i> , 2016 , 53, 271-7	3.9	37
70	Measuring glomerular filtration rate by iohexol clearance on filter paper is feasible in adolescents with type 1 diabetes in the ambulatory setting. <i>Acta Diabetologica</i> , 2016 , 53, 331-3	3.9	6
69	Early Detection of Infusion Set Failure During Insulin Pump Therapy in Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2016 , 10, 1268-1276	4.1	26
68	Insulin pump therapy in children with type 1 diabetes: analysis of data from the SWEET registry. <i>Pediatric Diabetes</i> , 2016 , 17 Suppl 23, 38-45	3.6	84
67	Duration of Infusion Set Survival in Lipohypertrophy Versus Nonlipohypertrophied Tissue in Patients with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18, 429-35	8.1	21
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