

Timothy W Jones

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.

108
papers

5,100
citations

37
h-index

70
g-index

122
ext. papers

6,205
ext. citations

8.3
avg, IF

5.27
L-index

#	Paper	IF	Citations
108	Urinary albumin/creatinine ratio tertiles predict risk of diabetic retinopathy progression: a natural history study from the Adolescent Cardio-Renal Intervention Trial (AdDIT) observational cohort.. <i>Diabetologia</i> , 2022 , 65, 872-878	10.3	0
107	Long-term cost-effectiveness of Dexcom G6 real-time continuous glucose monitoring system in people with type 1 diabetes IN Australia.. <i>Diabetic Medicine</i> , 2022 , e14831	3.5	0
106	A Novel Mobile Health App to Educate and Empower Young People With Type 1 Diabetes to Exercise Safely: Prospective Single-Arm Mixed Methods Pilot Study. <i>JMIR Diabetes</i> , 2021 , 6, e29739	2.7	1
105	Effect of a Hybrid Closed-Loop System on Glycemic and Psychosocial Outcomes in Children and Adolescents With Type 1 Diabetes: A Randomized Clinical Trial. <i>JAMA Pediatrics</i> , 2021 , 175, 1227-1235	8.3	8
104	T-Cell Expression and Release of Kidney Injury Molecule-1 in Response to Glucose Variations Initiates Kidney Injury in Early Diabetes. <i>Diabetes</i> , 2021 , 70, 1754-1766	0.9	3
103	Acute hyperglycaemia does not have a consistent adverse effect on exercise performance in recreationally active young people with type 1 diabetes: a randomised crossover in-clinic study. <i>Diabetologia</i> , 2021 , 64, 1737-1748	10.3	1
102	Advanced glycation end products as predictors of renal function in youth with type 1 diabetes. <i>Scientific Reports</i> , 2021 , 11, 9422	4.9	1
101	Additional Insulin Is Required in Both the Early and Late Postprandial Periods for Meals High in Protein and Fat: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3611-e3618	5.6	0
100	Impact of Hybrid Closed Loop Therapy on Hypoglycemia Awareness in Individuals with Type 1 Diabetes and Impaired Hypoglycemia Awareness. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 482-490	8.1	3
99	Less Nocturnal Hypoglycemia but Equivalent Time in Range Among Adults with Type 1 Diabetes Using Insulin Pumps Versus Multiple Daily Injections. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 460-466	8.1	0
98	Determinants of Cardiovascular Risk in 7000 Youth With Type 1 Diabetes in the Australasian Diabetes Data Network. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 133-142	5.6	3
97	Effect of Exercise Intensity on Exogenous Glucose Requirements to Maintain Stable Glycemia At High Insulin Levels in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e83-e93	5.6	3
96	Continuous Glucose Monitoring Improves Glycemic Outcomes in Children With Type 1 Diabetes: Real-World Data From a Population-Based Clinic. <i>Diabetes Care</i> , 2021 , 44, e171-e172	14.6	3
95	The relationship between meal carbohydrate quantity and the insulin to carbohydrate ratio required to maintain glycaemia is non-linear in young people with type 1 diabetes: A randomized crossover trial. <i>Diabetic Medicine</i> , 2021 , e14675	3.5	0
94	Meal-time glycaemia in adults with type 1 diabetes using multiple daily injections vs insulin pump therapy following carbohydrate-counting education and bolus calculator provision. <i>Diabetes Research and Clinical Practice</i> , 2021 , 179, 109000	7.4	0
93	Medication Adherence During Adjunct Therapy With Statins and ACE Inhibitors in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 1070-1076	14.6	8
92	A randomised controlled study of high intensity exercise as a dishabituating stimulus to improve hypoglycaemia awareness in people with type 1 diabetes: a proof-of-concept study. <i>Diabetologia</i> , 2020 , 63, 853-863	10.3	10

91	Longitudinal trajectories of BMI z-score: an international comparison of 11,513 Australian, American and German/Austrian/Luxembourgian youth with type 1 diabetes. <i>Pediatric Obesity</i> , 2020 , 15, e12582	4.6	13
90	Effect of frequency of sensor use on glycaemic control in individuals on sensor-augmented pump therapy with and without Predictive Low Glucose Management System. <i>Diabetes Research and Clinical Practice</i> , 2020 , 159, 107989	7.4	3
89	Six Months of Hybrid Closed-Loop Versus Manual Insulin Delivery With Fingerprick Blood Glucose Monitoring in Adults With Type 1 Diabetes: A Randomized, Controlled Trial. <i>Diabetes Care</i> , 2020 , 43, 3024-3033	14.6	27
88	Vascular Effects of ACE (Angiotensin-Converting Enzyme) Inhibitors and Statins in Adolescents With Type 1 Diabetes. <i>Hypertension</i> , 2020 , 76, 1734-1743	8.5	6
87	Copeptin Kinetics and Its Relationship to Osmolality During Rehydration for Diabetic Ketoacidosis in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	2
86	Biomarkers associated with early stages of kidney disease in adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2020 , 21, 1322-1332	3.6	1
85	Exercise Management for Young People With Type 1 Diabetes: A Structured Approach to the Exercise Consultation. <i>Frontiers in Endocrinology</i> , 2019 , 10, 326	5.7	19
84	A new strategy for vascular complications in young people with type 1 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 429-435	15.2	15
83	Response to Comment on Johnson et al. Cost-effectiveness Analysis of Routine Screening Using Massively Parallel Sequencing for Maturity-Onset Diabetes of the Young in a Pediatric Diabetes Cohort: Reduced Health System Costs and Improved Patient Quality of Life. <i>Diabetes Care</i> 2019 ;42:69-76. <i>Diabetes Care</i> , 2019 , 42, e79-e80	14.6	
82	Children and adolescents with type 1 diabetes in Australasia: An online survey of model of care, workforce and outcomes. <i>Journal of Paediatrics and Child Health</i> , 2019 , 55, 82-86	1.3	3
81	Improvement in Psychosocial Outcomes in Children with Type 1 Diabetes and Their Parents Following Subsidy for Continuous Glucose Monitoring. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, 575-580	8.1	11
80	Decreasing Trends in Mean HbA1c Are Not Associated With Increasing Rates of Severe Hypoglycemia in Children: A Longitudinal Analysis of Two Contemporary Population-Based Pediatric Type 1 Diabetes Registries From Australia and Germany/Austria Between 1995 and 2016. <i>Diabetes Care</i> , 2019 , 42, 1480-1487	14.6	14
79	Comprehensive genetic screening: The prevalence of maturity-onset diabetes of the young gene variants in a population-based childhood diabetes cohort. <i>Pediatric Diabetes</i> , 2019 , 20, 57-64	3.6	13
78	Cost-effectiveness Analysis of Routine Screening Using Massively Parallel Sequencing for Maturity-Onset Diabetes of the Young in a Pediatric Diabetes Cohort: Reduced Health System Costs and Improved Patient Quality of Life. <i>Diabetes Care</i> , 2019 , 42, 69-76	14.6	15
77	Unexpected Management Behaviors in Adolescents With Type 1 Diabetes Using Sensor-Augmented Pump Therapy. <i>Journal of Diabetes Science and Technology</i> , 2018 , 12, 592-598	4.1	8
76	The Importance of the Hawthorne Effect on Psychological Outcomes Unveiled in a Randomized Controlled Trial of Diabetes Technology. <i>Journal of Diabetes Science and Technology</i> , 2018 , 12, 735-736	4.1	8
75	Incidence of childhood onset type 1 diabetes in Western Australia from 1985 to 2016: Evidence for a plateau. <i>Pediatric Diabetes</i> , 2018 , 19, 690-692	3.6	12
74	Defining relevant hypoglycemia measures in children and adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2018 , 19, 354-355	3.6	10

73	Renal and Cardiovascular Risk According to Tertiles of Urinary Albumin-to-Creatinine Ratio: The Adolescent Type 1 Diabetes Cardio-Renal Intervention Trial (AddIT). <i>Diabetes Care</i> , 2018 , 41, 1963-1969	14.6	21
72	Effect of 6 months hybrid closed-loop insulin delivery in young people with type 1 diabetes: a randomised controlled trial protocol. <i>BMJ Open</i> , 2018 , 8, e020275	3	9
71	Real-world outcomes of insulin pump compared to injection therapy in a population-based sample of children with type 1 diabetes. <i>Pediatric Diabetes</i> , 2018 , 19, 1459-1466	3.6	22
70	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
69	VEGF (Vascular Endothelial Growth Factor) Induces NRP1 (Neuropilin-1) Cleavage via ADAMs (a Disintegrin and Metalloproteinase) 9 and 10 to Generate Novel Carboxy-Terminal NRP1 Fragments That Regulate Angiogenic Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1845-1858	9.4	25
68	Reduction in Hypoglycemia With the Predictive Low-Glucose Management System: A Long-term Randomized Controlled Trial in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2018 , 41, 303-310	14.6	83
67	Effect of 6 months of hybrid closed-loop insulin delivery in adults with type 1 diabetes: a randomised controlled trial protocol. <i>BMJ Open</i> , 2018 , 8, e020274	3	7
66	Comparable glycemic outcomes for pediatric type 1 diabetes patients in metropolitan and non-metropolitan regions of Western Australia: A population-based study. <i>Pediatric Diabetes</i> , 2018 , 19, 486-492	3.6	6
65	The Use of Continuous Glucose Monitoring With Remote Monitoring Improves Psychosocial Measures in Parents of Children With Type 1 Diabetes: A Randomized Crossover Trial. <i>Diabetes Care</i> , 2018 , 41, 2641-2643	14.6	52
64	Performance of Medtronic Hybrid Closed-Loop Iterations: Results from a Randomized Trial in Adolescents with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, 693-697	8.1	11
63	Exercise management in type 1 diabetes: a consensus statement. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 377-390	18.1	391
62	Incidence of and risk factors for hospitalisations due to vascular complications: A population-based type 1 diabetes cohort (n=1316) followed into early adulthood. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 843-849	3.2	4
61	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
60	Overnight Counter-Regulatory Hormone Levels and Next Day Glycemia in Adults with Type 1 Diabetes During Closed-Loop Insulin Delivery Versus Sensor-Augmented Pump with Low-Glucose Suspend. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 438-439	8.1	
59	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
58	ACE Inhibitors and Statins in Adolescents with Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2017 , 377, 1733-1745	59.2	67
57	The Australasian Diabetes Data Network: first national audit of children and adolescents with type 1 diabetes. <i>Medical Journal of Australia</i> , 2017 , 206, 121-125	4	50
56	International Consensus on Use of Continuous Glucose Monitoring. <i>Diabetes Care</i> , 2017 , 40, 1631-1640	14.6	872

55	Reduced prevalence of impaired awareness of hypoglycemia in a population-based clinic sample of youth with type 1 diabetes. <i>Pediatric Diabetes</i> , 2017 , 18, 729-733	3.6	11
54	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
53	Exploration of the Performance of a Hybrid Closed Loop Insulin Delivery Algorithm That Includes Insulin Delivery Limits Designed to Protect Against Hypoglycemia. <i>Journal of Diabetes Science and Technology</i> , 2017 , 11, 68-73	4.1	20
52	Effectiveness of a Predictive Algorithm in the Prevention of Exercise-Induced Hypoglycemia in Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18, 543-50	8.1	30
51	Australasian Diabetes Data Network: Building a Collaborative Resource. <i>Journal of Diabetes Science and Technology</i> , 2016 , 10, 1015-26	4.1	15
50	Glycemia, Treatment Satisfaction, Cognition, and Sleep Quality in Adults and Adolescents with Type 1 Diabetes When Using a Closed-Loop System Overnight Versus Sensor-Augmented Pump with Low-Glucose Suspend Function: A Randomized Crossover Study. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18, 772-783	8.1	59
49	Prevention of Insulin-Induced Hypoglycemia in Type 1 Diabetes with Predictive Low Glucose Management System. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18, 436-43	8.1	27
48	School performance in children with type 1 diabetes: a contemporary population-based study. <i>Pediatric Diabetes</i> , 2016 , 17, 101-11	3.6	25
47	The normal ischiofemoral distance and its variations. <i>Journal of Hip Preservation Surgery</i> , 2016 , 3, 197-202		16
46	Exercise training improves vascular function in adolescents with type 2 diabetes. <i>Physiological Reports</i> , 2016 , 4, e12713	2.6	25
45	Effect of Exercise Intensity on Glucose Requirements to Maintain Euglycemia During Exercise in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 972-80	5.6	38
44	Outcome Measures for Artificial Pancreas Clinical Trials: A Consensus Report. <i>Diabetes Care</i> , 2016 , 39, 1175-9	14.6	149
43	Continuous Glucose Monitoring Adherence: Lessons From a Clinical Trial to Predict Outpatient Behavior. <i>Journal of Diabetes Science and Technology</i> , 2016 , 10, 627-32	4.1	13
42	Cardiac autonomic dysfunction is associated with high-risk albumin-to-creatinine ratio in young adolescents with type 1 diabetes in AddIT (adolescent type 1 diabetes cardio-renal interventional trial). <i>Diabetes Care</i> , 2015 , 38, 676-81	14.6	19
41	Regular peaks and troughs in the Australian incidence of childhood type 1 diabetes mellitus (2000-2011). <i>Diabetologia</i> , 2015 , 58, 2513-6	10.3	25
40	Feasibility of Outpatient 24-Hour Closed-Loop Insulin Delivery. <i>Diabetes Care</i> , 2015 , 38, e186-7	14.6	32
39	Effect of antecedent moderate-intensity exercise on the glycemia-increasing effect of a 30-sec maximal sprint: a sex comparison. <i>Physiological Reports</i> , 2015 , 3, e12386	2.6	10
38	Early atherosclerosis relates to urinary albumin excretion and cardiovascular risk factors in adolescents with type 1 diabetes: Adolescent type 1 Diabetes cardio-renal Intervention Trial (AddIT). <i>Diabetes Care</i> , 2014 , 37, 3069-75	14.6	44

37	A cost-effectiveness analysis of sensor-augmented insulin pump therapy and automated insulin suspension versus standard pump therapy for hypoglycemic unaware patients with type 1 diabetes. <i>Value in Health</i> , 2014 , 17, 561-9	3.3	29
36	Adolescent Type 1 Diabetes Cardio-Renal Intervention Trial (AdDIT): urinary screening and baseline biochemical and cardiovascular assessments. <i>Diabetes Care</i> , 2014 , 37, 805-13	14.6	49
35	ISPAD Clinical Practice Consensus Guidelines 2014. Assessment and management of hypoglycemia in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2014 , 15 Suppl 20, 180-92	3.6	92
34	Standardised mortality is increased three-fold in a population-based sample of children and adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2013 , 14, 13-7	3.6	13
33	A population-based study of risk factors for severe hypoglycaemia in a contemporary cohort of childhood-onset type 1 diabetes. <i>Diabetologia</i> , 2013 , 56, 2164-70	10.3	63
32	Long-term outcome of insulin pump therapy in children with type 1 diabetes assessed in a large population-based case-control study. <i>Diabetologia</i> , 2013 , 56, 2392-400	10.3	125
31	Both dietary protein and fat increase postprandial glucose excursions in children with type 1 diabetes, and the effect is additive. <i>Diabetes Care</i> , 2013 , 36, 3897-902	14.6	121
30	Effect of sensor-augmented insulin pump therapy and automated insulin suspension vs standard insulin pump therapy on hypoglycemia in patients with type 1 diabetes: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 1240-7	27.4	295
29	Short report: Care for children and adolescents with diabetes in Australia and New Zealand: have we achieved the defined goals?. <i>Journal of Paediatrics and Child Health</i> , 2013 , 49, E258-62	1.3	11
28	Cyclical variation in the incidence of childhood type 1 diabetes in Western Australia (1985-2010). <i>Diabetes Care</i> , 2012 , 35, 2300-2	14.6	19
27	Hypoglycemia does not change the threshold for arousal from sleep in adolescents with type 1 diabetes. <i>Diabetes Technology and Therapeutics</i> , 2012 , 14, 101-4	8.1	14
26	Analysis of glucose responses to automated insulin suspension with sensor-augmented pump therapy. <i>Diabetes Care</i> , 2012 , 35, 1462-5	14.6	46
25	Managing hypoglycemia in children: what the clinician needs to know before advising parents. <i>Diabetes Management</i> , 2012 , 2, 503-512	0	2
24	Reducing rates of severe hypoglycemia in a population-based cohort of children and adolescents with type 1 diabetes over the decade 2000-2009. <i>Diabetes Care</i> , 2011 , 34, 2379-80	14.6	60
23	Neurocognitive outcomes in young adults with early-onset type 1 diabetes: a prospective follow-up study. <i>Diabetes Care</i> , 2011 , 34, 2192-7	14.6	43
22	Improving epinephrine responses in hypoglycemia unawareness with real-time continuous glucose monitoring in adolescents with type 1 diabetes. <i>Diabetes Care</i> , 2011 , 34, 50-2	14.6	56
21	Impaired awareness of hypoglycemia in a population-based sample of children and adolescents with type 1 diabetes. <i>Diabetes Care</i> , 2009 , 32, 1802-6	14.6	54
20	Assessment and management of hypoglycemia in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2008 , 9, 165-74	3.6	45

19	Prevalence of structural central nervous system abnormalities in early-onset type 1 diabetes mellitus. <i>Journal of Pediatrics</i> , 2008 , 153, 385-90	3.6	82
18	Angiotensinogen gene T235 variant: a marker for the development of persistent microalbuminuria in children and adolescents with type 1 diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2008 , 22, 191-8	3.2	13
17	Glucose requirements to maintain euglycemia after moderate-intensity afternoon exercise in adolescents with type 1 diabetes are increased in a biphasic manner. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 963-8	5.6	177
16	Independent effects of socioeconomic status and place of residence on the incidence of childhood type 1 diabetes in Western Australia. <i>Pediatric Diabetes</i> , 2006 , 7, 94-100	3.6	47
15	Prevalence and risk factors for microalbuminuria in a population-based sample of children and adolescents with T1DM in Western Australia. <i>Pediatric Diabetes</i> , 2006 , 7, 165-72	3.6	25
14	Cognitive functioning in children with early onset type 1 diabetes and severe hypoglycemia. <i>Journal of Pediatrics</i> , 2005 , 147, 680-5	3.6	69
13	Early changes in 24-hour ambulatory blood pressure are associated with high normal albumin excretion rate in children with type 1 diabetes mellitus. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2005 , 18, 879-85	1.6	11
12	The impact of a decade of changing treatment on rates of severe hypoglycemia in a population-based cohort of children with type 1 diabetes. <i>Diabetes Care</i> , 2004 , 27, 2293-8	14.6	126
11	Hypoglycemia in children with type 1 diabetes: current issues and controversies. <i>Pediatric Diabetes</i> , 2003 , 4, 143-50	3.6	45
10	Metabolic specialization associated with phenotypic switching in <i>Candida albicans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 14907-12	11.5	242
9	Decreased epinephrine responses to hypoglycemia during sleep. <i>New England Journal of Medicine</i> , 1998 , 338, 1657-62	59.2	227
8	Incidence and predictive criteria of nocturnal hypoglycemia in young children with insulin-dependent diabetes mellitus. <i>Journal of Pediatrics</i> , 1997 , 130, 366-72	3.6	94
7	Progression of borderline increases in albuminuria in adolescents with insulin-dependent diabetes mellitus. <i>Diabetic Medicine</i> , 1997 , 14, 766-71	3.5	44
6	Progression of borderline increases in albuminuria in adolescents with insulin-dependent diabetes mellitus 1997 , 14, 766		1
5	Acute hyperglycaemia impairs cognitive function in children with IDDM. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 1996 , 9, 455-61	1.6	51
4	The Diabetes Control and Complications Trial: Implications for children and adolescents. <i>Medical Journal of Australia</i> , 1995 , 162, 369-372	4	16
3	Diabetes--national action plan. <i>Medical Journal of Australia</i> , 1993 , 159, 838	4	9
2	Independent effects of youth and poor diabetes control on responses to hypoglycemia in children. <i>Diabetes</i> , 1991 , 40, 358-63	0.9	66

1 Neural-Network Detection of Hypoglycemic Episodes in Children with Type 1 Diabetes using Physiological Parameters

1