

Klemen Dovc

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,575
citations

304602

22
h-index

254106

43
g-index

47
all docs

47
docs citations

47
times ranked

3217
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations From the International Consensus on Time in Range. <i>Diabetes Care</i> , 2019, 42, 1593-1603.	4.3	2,101
2	A comparison of two hybrid closed-loop systems in adolescents and young adults with type 1 diabetes (FLAIR): a multicentre, randomised, crossover trial. <i>Lancet, The</i> , 2021, 397, 208-219.	6.3	206
3	Prevention of Hypoglycemia With Predictive Low Glucose Insulin Suspension in Children With Type 1 Diabetes: A Randomized Controlled Trial. <i>Diabetes Care</i> , 2017, 40, 764-770.	4.3	137
4	Insulin dose optimization using an automated artificial intelligence-based decision support system in youths with type 1 diabetes. <i>Nature Medicine</i> , 2020, 26, 1380-1384.	15.2	127
5	Temporal trends in diabetic ketoacidosis at diagnosis of paediatric type 1 diabetes between 2006 and 2016: results from 13 countries in three continents. <i>Diabetologia</i> , 2020, 63, 1530-1541.	2.9	86
6	Reduced burden of diabetes and improved quality of life: Experiences from unrestricted day-and-night hybrid closed-loop use in very young children with type 1 diabetes. <i>Pediatric Diabetes</i> , 2019, 20, 794-799.	1.2	72
7	Faster Compared With Standard Insulin Aspart During Day-and-Night Fully Closed-Loop Insulin Therapy in Type 1 Diabetes: A Double-Blind Randomized Crossover Trial. <i>Diabetes Care</i> , 2020, 43, 29-36.	4.3	68
8	Improved Metabolic Control in Pediatric Patients with Type 1 Diabetes: A Nationwide Prospective 12-Year Time Trends Analysis. <i>Diabetes Technology and Therapeutics</i> , 2014, 16, 33-40.	2.4	67
9	Closed-loop glucose control in young people with type 1 diabetes during and after unannounced physical activity: a randomised controlled crossover trial. <i>Diabetologia</i> , 2017, 60, 2157-2167.	2.9	64
10	ISPAD Clinical Practice Consensus Guidelines 2018: Management and support of children and adolescents with type 1 diabetes in school. <i>Pediatric Diabetes</i> , 2018, 19, 287-301.	1.2	56
11	Young Children Have Higher Variability of Insulin Requirements: Observations During Hybrid Closed-Loop Insulin Delivery. <i>Diabetes Care</i> , 2019, 42, 1344-1347.	4.3	51
12	Adjusting insulin doses in patients with type 1 diabetes who use insulin pump and continuous glucose monitoring: Variations among countries and physicians. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2458-2466.	2.2	44
13	Evolution of Diabetes Technology. <i>Endocrinology and Metabolism Clinics of North America</i> , 2020, 49, 1-18.	1.2	44
14	Add-on therapy with dapagliflozin under full closed loop control improves time in range in adolescents and young adults with type 1 diabetes: The <sc>DAPADream</sc> study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 599-608.	2.2	36
15	A Worldwide Perspective on COVID-19 and Diabetes Management in 22,820 Children from the SWEET Project: Diabetic Ketoacidosis Rates Increase and Glycemic Control Is Maintained. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 632-641.	2.4	31
16	Telemedicine and <sc>COVID</sc> â€‘19 pandemic: The perfect storm to mark a change in diabetes care. Results from a worldâ€‘wide crossâ€‘sectional webâ€‘based survey. <i>Pediatric Diabetes</i> , 2021, 22, 1115-1119.	1.2	31
17	DREAM5: An openâ€‘label, randomized, crossâ€‘over study to evaluate the safety and efficacy of day and night closedâ€‘loop control by comparing the MDâ€‘Logic automated insulin delivery system to sensor augmented pump therapy in patients with type 1 diabetes at home. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 822-828.	2.2	29
18	Extracellular Vesicles Derived Human-miRNAs Modulate the Immune System in Type 1 Diabetes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 202.	1.8	29

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19	Non-adjunctive flash glucose monitoring system use during summer-camp in children with type 1 diabetes: The free-summer study. <i>Pediatric Diabetes</i> , 2018, 19, 1285-1293.	1.2	28
20	Acute Hyperglycemia and Spatial Working Memory in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2020, 43, 1941-1944.	4.3	28
21	Time in range centered diabetes care. <i>Clinical Pediatric Endocrinology</i> , 2021, 30, 1-10.	0.4	28
22	International comparison of glycaemic control in people with type 1 diabetes: an update and extension. <i>Diabetic Medicine</i> , 2022, 39, e14766.	1.2	28
23	Dasiglucagon, a next-generation ready-to-use glucagon analog, for treatment of severe hypoglycemia in children and adolescents with type 1 diabetes: Results of a phase 3, randomized controlled trial. <i>Pediatric Diabetes</i> , 2021, 22, 734-741.	1.2	26
24	A New Horizon for Glucose Monitoring. <i>Hormone Research in Paediatrics</i> , 2015, 83, 149-156.	0.8	25
25	Continuous glucose monitoring use and glucose variability in pre-school children with type 1 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2019, 147, 76-80.	1.1	25
26	Association of Glycemic Control and Cell Stress With Telomere Attrition in Type 1 Diabetes. <i>JAMA Pediatrics</i> , 2018, 172, 879.	3.3	15
27	The automated pancreas: A review of technologies and clinical practice. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 43-57.	2.2	13
28	Continuous glucose monitoring use and glucose variability in very young children with type 1 diabetes (<scp>VibRate</scp>): A multinational prospective observational <scp>real-world</scp> cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 564-569.	2.2	12
29	Closed-loop insulin delivery systems in children and adolescents with type 1 diabetes. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 157-166.	2.4	11
30	Comparison of Insulin Dose Adjustments Made by Artificial Intelligence-Based Decision Support Systems and by Physicians in People with Type 1 Diabetes Using Multiple Daily Injections Therapy. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 564-572.	2.4	11
31	Glycemic Variability: The Danger of a Physiologically Stable Metric. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3815-e3817.	1.8	8
32	Heterozygous NPR2 Variants in Idiopathic Short Stature. <i>Genes</i> , 2022, 13, 1065.	1.0	4
33	Impact of Temporary Glycemic Target Use in the Hybrid and Advanced Hybrid Closed-Loop Systems. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 848-852.	2.4	4
34	Carer's Attachment Anxiety, Stressful Life-Events and the Risk of Childhood-Onset Type 1 Diabetes. <i>Frontiers in Psychiatry</i> , 2021, 12, 657982.	1.3	3
35	Are we confident that final-year medical students know at least basics about diabetes?: A preliminary report from the multicenter, survey-based <scp>Diabetes Know&Me</scp> study. <i>Pediatric Diabetes</i> , 2021, 22, 850-853.	1.2	3
36	New technical approach to the diabetes therapy. <i>Minerva Pediatrica</i> , 2020, 72, 263-277.	2.6	3

#	ARTICLE	IF	CITATIONS
37	Altered Taste Function in Young Individuals With Type 1 Diabetes. <i>Frontiers in Nutrition</i> , 2021, 8, 797920.	1.6	3
38	Continuous and Intermittent Glucose Monitoring in 2019. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, S-3-S-16.	2.4	2
39	Free-living use of artificial pancreas for children with type 1 diabetes: systematic review. <i>Diabetes Mellitus</i> , 2018, 21, 206-216.	0.5	2
40	Nationwide digital/virtual diabetes care of children, adolescents and young adults with type 1 diabetes during a COVID-19 pandemic in Slovenia. <i>ZdravniÅški Vestnik</i> , 2020, 89, 626-633.	0.1	2
41	Validation of the Lifetime Incidence of Traumatic Events (LITE-S/P) Questionnaires in Children and Adolescents in Slovenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 665315.	1.3	1
42	Continuous and Intermittent Glucose Monitoring in 2021. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, S-209-S-219.	2.4	1
43	ISPAD Annual Conference 2017 Highlights. <i>Pediatric Diabetes</i> , 2018, 19, 855-858.	1.2	0
44	Continuous and Intermittent Glucose Monitoring in 2020. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, S-16-S-31.	2.4	0
45	Editorial: New Insights in Diagnosing and Treatment of Glucose Disorders and Obesity in Children and Adolescents. <i>Frontiers in Pediatrics</i> , 2021, 9, 786055.	0.9	0
46	<sc>ISPAD</sc> Annual Conference 2021 Highlights from the <sc>ISPAD</sc> Roving Reporters Team. <i>Pediatric Diabetes</i> , 2022, 23, 427-432.	1.2	0