Daniela Bruttomesso

List of Publications by Year
in descending order

46 papers	1,818 citations	394421 19 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	1815 citing authors

#	Article	IF	Citations
1	Comparison of the effects of continuous subcutaneous insulin infusion (CSII) and NPH-based multiple daily insulin injections (MDI) on glycaemic control and quality of life: results of the 5-nations trial. Diabetic Medicine, 2006, 23, 141-147.	2.3	227
2	Sensor-augmented pump therapy lowers HbA1c in suboptimally controlled Typeâ€ƒ1 diabetes; a randomized controlled trial. Diabetic Medicine, 2011, 28, 1158-1167.	2.3	151
3	Glycaemic Control Among People with Type 1 Diabetes During Lockdown for the SARS-CoV-2 Outbreak in Italy. Diabetes Therapy, 2020, 11, 1369-1379.	2.5	150
4	Closed-Loop Artificial Pancreas Using Subcutaneous Glucose Sensing and Insulin Delivery and a Model Predictive Control Algorithm: Preliminary Studies in Padova and Montpellier. Journal of Diabetes Science and Technology, 2009, 3, 1014-1021.	2.2	127
5	In Type 1 diabetic patients with good glycaemic control, blood glucose variability is lower during continuous subcutaneous insulin infusion than during multiple daily injections with insulin glargine. Diabetic Medicine, 2008, 25, 326-332.	2.3	124
6	Accuracy of two continuous glucose monitoring systems: a headâ€toâ€head comparison under clinical research centre and daily life conditions. Diabetes, Obesity and Metabolism, 2015, 17, 343-349.	4.4	116
7	Quality of life and treatment satisfaction in adults with Type 1 diabetes: a comparison between continuous subcutaneous insulin infusion and multiple daily injections. Diabetic Medicine, 2008, 25, 213-220.	2.3	106
8	Continuous subcutaneous insulin infusion (CSII) 30 years later: still the best option for insulin therapy. Diabetes/Metabolism Research and Reviews, 2009, 25, 99-111.	4.0	77
9	Continuous subcutaneous insulin infusion (CSII) in the Veneto region: efficacy, acceptability and quality of life. Diabetic Medicine, 2002, 19, 628-634.	2.3	74
10	Analysis of outcome of pregnancy in type 1 diabetics treated with insulin pump or conventional insulin therapy. Acta Diabetologica, 2003, 40, 143-149.	2.5	60
11	The use of real time continuous glucose monitoring or flash glucose monitoring in the management of diabetes: A consensus view of Italian diabetes experts using the Delphi method. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 421-431.	2.6	52
12	Type 1 diabetes control and pregnancy outcomes in women treated with continuous subcutaneous insulin infusion (CSII) or with insulin glargine and multiple daily injections of rapid-acting insulin analogues (glargineâ€“MDI). Diabetes and Metabolism, 2011, 37, 426-431.	2.9	51
13	FreeStyle Libre and Dexcom G4 Platinum sensors: Accuracy comparisons during two weeks of home use and use during experimentally induced glucose excursions. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 180-186.	2.6	50
14	Head-to-head comparison of the accuracy of Abbott FreeStyle Libre and Dexcom G5 mobile. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 425-427.	2.6	42
15	The use of degrees of certainty to evaluate knowledge. Patient Education and Counseling, 2003, 51, 29-37.	2.2	38
16	Psychological outcomes of evening and night closedâ€loop insulin delivery under free living conditions in people with Type 1 diabetes: a 2â€month randomized crossover trial. Diabetic Medicine, 2017, 34, 262-271.	2.3	33
17	Efficacy of telemedicine for persons with type 1 diabetes during Covid19 lockdown. Nutrition and Diabetes, 2021, 11, 1.	3.2	30
18	Switching from twice-daily glargine or detemir to once-daily degludec improves glucose control in type 1 diabetes. An observational study. Nutrition, Metabolism and Cardiovascular Diseases, 2016, 26, 1112-1119.	2.6	25

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19	Tryptophan Metabolites, Cytokines, and Fatty Acid Binding Protein 2 in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Biomedicines, 2021, 9, 1724.	3.2	23
20	Survey on the use of insulin pumps in Italy: comparison between pediatric and adult age groups (IMITA) Tj ETQq0 0.0 rgBT /Overlock 10	2.5	20
21	Continuous subcutaneous insulin infusion is more effective than multiple daily insulin injections in preventing albumin excretion rate increase in Type 1 diabetic patients. Diabetic Medicine, 2009, 26, 602-608.	2.3	19
22	Influence of health locus of control and fear of hypoglycaemia on glycaemic control and treatment satisfaction in people with Type 1 diabetes on insulin pump therapy. Diabetic Medicine, 2017, 34, 691-697.	2.3	19
23	Continuous Subcutaneous Insulin Infusion in Italy: Third National Survey. Diabetes Technology and Therapeutics, 2015, 17, 96-104.	4.4	18
24	Educating diabetic patients about insulin use: changes over time in certainty and correctness of knowledge. Diabetes and Metabolism, 2006, 32, 256-261.	2.9	15
25	Performance of the Steno type 1 risk engine for cardiovascular disease prediction in Italian patients with type 1 diabetes. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1813-1819.	2.6	15
26	A High-Fiber Diet Decreases Postabsorptive Protein Turnover but Does Not Alter Insulin Sensitivity in Men with Type 1 Diabetes Mellitus. Journal of Nutrition, 2019, 149, 596-604.	2.9	14
27	Vitamin D status and non-alcoholic fatty liver disease in patients with type 1 diabetes. Journal of Endocrinological Investigation, 2019, 42, 1099-1107.	3.3	13
28	Implantable and transcutaneous continuous glucose monitoring system: a randomized cross over trial comparing accuracy, efficacy and acceptance. Journal of Endocrinological Investigation, 2022, 45, 115-124.	3.3	12
29	Switching from predictive low glucose suspend to advanced hybrid closed loop control: Effects on glucose control and patient reported outcomes. Diabetes Research and Clinical Practice, 2022, 185, 109784.	2.8	12
30	Performance of intermittently scanned continuous glucose monitoring systems in people with type 1 diabetes: A pooled analysis. Diabetes, Obesity and Metabolism, 2022, 24, 522-529.	4.4	12
31	Comparative Effectiveness of Switching From First-Generation Basal Insulin to GlargineÂ300ÂU/ml or DegludecÂ100ÂU/ml in TypeÂ1 Diabetes: The RESTORE-1 Study. Diabetes Therapy, 2021, 12, 509-525.	2.5	11
32	Teaching and training programme on carbohydrate counting in Type 1 diabetic patients. Diabetes, Nutrition & Metabolism, 2001, 14, 259-67.	0.7	9
33	Insulin infusion normalizes fasting and post-prandial albumin and fibrinogen synthesis in Type 1 diabetes mellitus. Diabetic Medicine, 2001, 18, 915-920.	2.3	8
34	Metabolic control and complications in Italian people with diabetes treated with continuous subcutaneous insulin infusion. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 335-342.	2.6	8
35	Effects of Hypoglycemia on Circulating Stem and Progenitor Cells in Diabetic Patients. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1048-1055.	3.6	8
36	Effects of glucose variability on hematopoietic stem/progenitor cells in patients with type 1 diabetes. Journal of Endocrinological Investigation, 2021, 44, 119-126.	3.3	8

#	Article	IF	Citations
37	Toward Automated Insulin Delivery. New England Journal of Medicine, 2019, 381, 1774-1775.	27.0	7
38	Comparing the accuracy of transcutaneous sensor and 90-day implantable glucose sensor. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 650-657.	2.6	7
39	A â€œSlide Ruleâ€•to Adjust Insulin Dose Using Trend Arrows in Adults with Type 1 Diabetes: Test in Silico and in Real Life. Diabetes Therapy, 2021, 12, 1313-1324.	2.5	6
40	Assessment of the effect of pregnancy planning in women with type 1 diabetes treated by insulin pump. Acta Diabetologica, 2021, 58, 355-362.	2.5	5
41	Patientâ€reported outcomes in adults with type 1 diabetes in global realâ€world clinical practice: The <scp>SAGE</scp> study. Diabetes, Obesity and Metabolism, 2021, 23, 1892-1901.	4.4	5
42	The GesTIO protocol experience: safety of a standardized order set for subcutaneous insulin regimen in elderly hospitalized patients. Aging Clinical and Experimental Research, 2017, 29, 1087-1093.	2.9	4
43	Effectiveness of adding alarms to flash glucose monitoring in adults with type 1 diabetes under routine care. Acta Diabetologica, 2022, 59, 921-928.	2.5	4
44	Methods for Insulin Bolus Adjustment Based on the Continuous Glucose Monitoring Trend Arrows in Type 1 Diabetes: Performance and Safety Assessment in an In Silico Clinical Trial. Journal of Diabetes Science and Technology, 2023, 17, 107-116.	2.2	3
45	PS12 - 62. Continuous glucose monitoring accuracy assessed at home is seemingly better than when assessed at the clinical research centre. Nederlands Tijdschrift Voor Diabetologie, 2011, 9, 133-133.	0.0	0
46	FreeStyle Libre flash glucose monitoring system in pregnant woman with type 1 diabetes: a focus on accuracy. Acta Diabetologica, 2019, 56, 969-970.	2.5	0