

Jordan E Pinsker

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,825
citations

201674

27
h-index

182427

51
g-index

83
all docs

83
docs citations

83
times ranked

2177
citing authors

#	ARTICLE	IF	CITATIONS
1	Six-Month Randomized, Multicenter Trial of Closed-Loop Control in Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2019, 381, 1707-1717.	27.0	643
2	Predictive Low-Glucose Suspend Reduces Hypoglycemia in Adults, Adolescents, and Children With Type 1 Diabetes in an At-Home Randomized Crossover Study: Results of the PROLOG Trial. <i>Diabetes Care</i> , 2018, 41, 2155-2161.	8.6	184
3	Multicenter Trial of a Tubeless, On-Body Automated Insulin Delivery System With Customizable Glycemic Targets in Pediatric and Adult Participants With Type 1 Diabetes. <i>Diabetes Care</i> , 2021, 44, 1630-1640.	8.6	133
4	Randomized Crossover Comparison of Personalized MPC and PID Control Algorithms for the Artificial Pancreas. <i>Diabetes Care</i> , 2016, 39, 1135-1142.	8.6	123
5	Feasibility of Long-Term Closed-Loop Control: A Multicenter 6-Month Trial of 24/7 Automated Insulin Delivery. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 18-24.	4.4	120
6	Turner Syndrome: Updating the Paradigm of Clinical Care. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E994-E1003.	3.6	103
7	Multinational Home Use of Closed-Loop Control Is Safe and Effective. <i>Diabetes Care</i> , 2016, 39, 1143-1150.	8.6	95
8	Real-World Patient-Reported Outcomes and Glycemic Results with Initiation of Control-IQ Technology. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 120-127.	4.4	89
9	Twelve-Week 24/7 Ambulatory Artificial Pancreas With Weekly Adaptation of Insulin Delivery Settings: Effect on Hemoglobin A1c and Hypoglycemia. <i>Diabetes Care</i> , 2017, 40, 1719-1726.	8.6	68
10	Adjustment of Open-Loop Settings to Improve Closed-Loop Results in Type 1 Diabetes: A Multicenter Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3878-3886.	3.6	67
11	Safety and Feasibility of the OmniPod Hybrid Closed-Loop System in Adult, Adolescent, and Pediatric Patients with Type 1 Diabetes Using a Personalized Model Predictive Control Algorithm. <i>Diabetes Technology and Therapeutics</i> , 2018, 20, 257-262.	4.4	62
12	Closed-Loop Insulin Therapy Improves Glycemic Control in Adolescents and Young Adults: Outcomes from the International Diabetes Closed-Loop Trial. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 342-349.	4.4	58
13	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.	4.4	56
14	Techniques for Exercise Preparation and Management in Adults with Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2016, 40, 503-508.	0.8	48
15	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.	8.6	46
16	Comment on American Diabetes Association. Approaches to Glycemic Treatment. Sec. 7. In <i>Standards of Medical Care in Diabetes—2015</i>. <i>Diabetes Care</i> 2015;38(Suppl. 1):S41â€“S48. <i>Diabetes Care</i> , 2015, 38, e174-e174.	8.6	43
17	Future Artificial Pancreas Technology for Type 1 Diabetes: What Do Users Want?. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 311-315.	4.4	42
18	Design and Clinical Evaluation of the Interoperable Artificial Pancreas System (iAPS) Smartphone App: Interoperable Components with Modular Design for Progressive Artificial Pancreas Research and Development. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, 35-43.	4.4	42

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19	Enhanced Model Predictive Control (eMPC) Strategy for Automated Glucose Control. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11857-11868.	3.7	40
20	Randomized Controlled Trial of Mobile Closed-Loop Control. <i>Diabetes Care</i> , 2020, 43, 607-615.	8.6	40
21	Early Detection of Physical Activity for People With Type 1 Diabetes Mellitus. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 1236-1245.	2.2	35
22	Characterization of the Cortisol Stress Response to Sedation and Anesthesia in Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1830-E1835.	3.6	34
23	Evaluation of an Artificial Pancreas with Enhanced Model Predictive Control and a Glucose Prediction Trust Index with Unannounced Exercise. <i>Diabetes Technology and Therapeutics</i> , 2018, 20, 455-464.	4.4	34
24	Glycemic Outcomes of Use of CLC Versus PLGS in Type 1 Diabetes: A Randomized Controlled Trial. <i>Diabetes Care</i> , 2020, 43, 1822-1828.	8.6	34
25	A review of biomarkers in the context of type 1 diabetes: Biological sensing for enhanced glucose control. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10201.	7.1	33
26	A pilot project for improving paediatric diabetes outcomes using a website: the Pediatric Diabetes Education Portal. <i>Journal of Telemedicine and Telecare</i> , 2011, 17, 226-230.	2.7	30
27	Patient-Reported Outcomes in a Randomized Trial of Closed-Loop Control: The Pivotal International Diabetes Closed-Loop Trial. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 673-683.	4.4	30
28	Health-Related Quality of Life and Treatment Satisfaction in Parents and Children with Type 1 Diabetes Using Closed-Loop Control. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 401-409.	4.4	27
29	Advances in Closed-Loop Insulin Delivery Systems in Patients with Type 1 Diabetes. <i>Current Diabetes Reports</i> , 2018, 18, 88.	4.2	26
30	Response to Comment on Pinsker et al. Randomized Crossover Comparison of Personalized MPC and PID Control Algorithms for the Artificial Pancreas. <i>Diabetes Care</i> 2016;39:1135â€“1142. <i>Diabetes Care</i> , 2017, 40, e4-e5.	8.6	22
31	Is Psychological Stress a Factor for Incorporation Into Future Closed-Loop Systems?. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 640-646.	2.2	21
32	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.	2.2	21
33	Transient Hypothyroidism in Premature Infants After Short-term Topical Iodine Exposure: An Avoidable Risk?. <i>Pediatrics and Neonatology</i> , 2013, 54, 128-131.	0.9	20
34	The Effect of Two Types of Pasta Versus White Rice on Postprandial Blood Glucose Levels in Adults with Type 1 Diabetes: A Randomized Crossover Trial. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, 485-492.	4.4	20
35	Extensive clinical experience: a simple guide to basal insulin adjustments for long-distance travel. <i>Journal of Diabetes and Metabolic Disorders</i> , 2013, 12, 59.	1.9	19
36	Review of automated insulin delivery systems for individuals with type 1 diabetes: tailored solutions for subpopulations. <i>Current Opinion in Biomedical Engineering</i> , 2021, 19, 100312.	3.4	19

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37	Longitudinal Observation of Insulin Use and Glucose Sensor Metrics in Pregnant Women with Type 1 Diabetes Using Continuous Glucose Monitors and Insulin Pumps: The LOIS-P Study. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 807-817.	4.4	18
38	The role of continuous glucose monitoring in the care of children with type 1 diabetes. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2013, 2013, 8.	1.6	15
39	Real-World Improvements in Hypoglycemia in an Insulin-Dependent Cohort With Diabetes Mellitus Pre/Post Tandem Basal-Iq Technology Remote Software Update. <i>Endocrine Practice</i> , 2020, 26, 714-721.	2.1	14
40	The International Diabetes Closed-Loop Study: Testing Artificial Pancreas Component Interoperability. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, 73-80.	4.4	13
41	Clinical Management and Pump Parameter Adjustment of the Control-IQ Closed-Loop Control System: Results from a 6-Month, Multicenter, Randomized Clinical Trial. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 245-252.	4.4	13
42	Perspectives on Long-Distance Air Travel with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 744-748.	4.4	12
43	Predictive Low-Glucose Suspend Necessitates Less Carbohydrate Supplementation to Rescue Hypoglycemia: Need to Revisit Current Hypoglycemia Treatment Guidelines. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 512-516.	4.4	12
44	A Virtual Training Program for the Tandem t:slim X2 Insulin Pump: Implementation and Outcomes. <i>Diabetes Technology and Therapeutics</i> , 2021, 23, 467-470.	4.4	11
45	Hemichorea-Hemiballism Secondary to Non-Ketotic Hyperglycemia. <i>Journal of Clinical Medicine Research</i> , 2015, 7, 729-730.	1.2	11
46	Minority groups and the artificial pancreas: who is (not) in line?. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 880-881.	11.4	10
47	Decision Support Systems and Closed Loop. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, S-42-S-56.	4.4	10
48	Activity detection and classification from wristband accelerometer data collected on people with type 1 diabetes in free-living conditions. <i>Computers in Biology and Medicine</i> , 2021, 135, 104633.	7.0	10
49	Feasibility of Closed-Loop Insulin Delivery with a Pregnancy-Specific Zone Model Predictive Control Algorithm. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 471-480.	4.4	10
50	Emerging Technology in Diabetes Care: The Real-Time Diabetes Monitoring System. <i>Military Medicine</i> , 2013, 178, 218-221.	0.8	9
51	Automated Bone Age Analysis with Lossy Image Files. <i>Military Medicine</i> , 2017, 182, e1769-e1772.	0.8	9
52	Occult pyogenic liver abscess in an adolescent with type 2 diabetes. <i>Endocrine</i> , 2014, 45, 335-336.	2.3	8
53	Randomized Crossover Comparison of Automated Insulin Delivery Versus Conventional Therapy Using an Unlocked Smartphone with Scheduled Pasta and Rice Meal Challenges in the Outpatient Setting. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 865-874.	4.4	8
54	Outpatient Randomized Crossover Comparison of Zone Model Predictive Control Automated Insulin Delivery with Weekly Data Driven Adaptation Versus Sensor-Augmented Pump: Results from the International Diabetes Closed-Loop Trial 4. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 635-642.	4.4	8

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55	Ambiguous Genitalia in a Newborn with 45,X/46,X,Idic(Y) Ovotesticular Disorder of Sex Development. <i>Endocrine Practice</i> , 2009, 15, 732-736.	2.1	7
56	Primary hypothyroidism with growth failure and pituitary pseudotumor in a 13-year-old female: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 149.	0.8	7
57	Predictive Low-Glucose Suspend to Prevent Hypoglycemia. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 271-276.	4.4	7
58	Insulin Delivery and Glucose Variability Throughout the Menstrual Cycle on Closed Loop Control for Women with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 357-361.	4.4	7
59	Total and Acylated Ghrelin Levels in Children With Poor Growth. <i>Pediatric Research</i> , 2011, 69, 517-521.	2.3	6
60	Empirical dynamic model identification for blood-glucose dynamics in response to physical activity. , 2015, 2015, 3834-3839.		6
61	A Personalized Week-to-Week Updating Algorithm to Improve Continuous Glucose Monitoring Performance. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 1070-1079.	2.2	6
62	Body Mass Index Effect on Differing Responses to Psychological Stress in Blood Glucose Dynamics in Patients With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2018, 12, 657-664.	2.2	5
63	Use of the Interoperable Artificial Pancreas System for Type 1 Diabetes Management During Psychological Stress. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 184-185.	2.2	5
64	Adrenal Insufficiency and Growth Failure Secondary to Inhaled Corticosteroids. <i>Clinical Pediatrics</i> , 2012, 51, 1194-1196.	0.8	4
65	Vitamin D deficiency versus non-accidental trauma: comment on "Rickets or abuse? A histologic comparison of rickets and child abuse-related fractures". <i>Forensic Science, Medicine, and Pathology</i> , 2016, 12, 119-120.	1.4	4
66	Closing the Loop. <i>Diabetes Technology and Therapeutics</i> , 2018, 20, S-41-S-54.	4.4	4
67	Concept of the "Universal Slope" Toward Substantially Shorter Decentralized Insulin Immunoassays. <i>Analytical Chemistry</i> , 2022, 94, 9217-9225.	6.5	4
68	Development of a Novel Insulin Sensor for Clinical Decision-Making. <i>Journal of Diabetes Science and Technology</i> , 2022, , 193229682110711.	2.2	3
69	Clinical Evaluation of a Novel Insulin Immunosensor. <i>Journal of Diabetes Science and Technology</i> , 2022, , 193229682210744.	2.2	3
70	Ganglioneuroblastoma in a young child with Turner syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2012, 25, 799-800.	0.9	2
71	Challenges Associated With Exercise Studies in Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 993-994.	2.2	2
72	Decision Support Systems and Closed Loop. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, S-47-S-62.	4.4	2

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73	Clinical Evaluation of a Novel CGM-Informed Bolus Calculator with Automatic Glucose Trend Adjustment. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 18-25.	4.4	2
74	101-LB: Eighteen-Month Use of Closed-Loop Control (CLC): A Randomized, Controlled Trial. <i>Diabetes</i> , 2020, 69, 101-LB.	0.6	2
75	Outpatient Randomized Crossover Automated Insulin Delivery Versus Conventional Therapy with Induced Stress Challenges. <i>Diabetes Technology and Therapeutics</i> , 2022, 24, 338-349.	4.4	2
76	Pericardial Effusion in the Emergency Department. , 2004, 14, 212-215.		1
77	False-Negative Sweat Chloride Testing in a Child With Cystic Fibrosis and Undiagnosed Hypohidrotic Ectodermal Dysplasia. <i>Clinical Pediatrics</i> , 2014, 53, 1203-1205.	0.8	1
78	Diabetes and "The Happiest Place on Earth": safely attending an amusement park and riding roller coasters. <i>Practical Diabetes</i> , 2015, 32, 329-331.	0.3	1
79	Case 1: Hepatomegaly and Growth Failure in an 11-year-old Girl With Type 1 Diabetes. <i>Pediatrics in Review</i> , 2015, 36, 459-461.	0.4	1
80	Clinical Experience of Continuous Glucose Monitoring in Pregnancy. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 193229682110246.	2.2	1
81	On the Use of Consumer-Grade Activity Monitoring Devices to Improve Predictions of Glycemic Variability. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016, , 166-178.	0.3	1
82	63-OR: Towards Point-of-Care Devices: First Evaluation of an Insulin Immunosensor for Type 1 Diabetes. <i>Diabetes</i> , 2020, 69, .	0.6	1
83	Visual Diagnosis: 6-Month-Old Boy With Leg Pain. <i>Pediatrics in Review</i> , 2014, 35, e57-e60.	0.4	0