

David Herzig

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

451
citations

758635

12
h-index

752256

20
g-index

29
all docs

29
docs citations

29
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully closed-loop insulin delivery in inpatients receiving nutritional support: a two-centre, open-label, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 368-377.	5.5	59
2	Hybrid closed-loop glucose control with faster insulin aspart compared with standard insulin aspart in adults with type 1 diabetes: A double-blind, multicentre, multinational, randomized, crossover study. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1389-1396.	2.2	58
3	Sex differences in heart rate variability: a longitudinal study in international elite cross-country skiers. <i>European Journal of Applied Physiology</i> , 2015, 115, 2107-2114.	1.2	44
4	Reproducibility of Heart Rate Variability Is Parameter and Sleep Stage Dependent. <i>Frontiers in Physiology</i> , 2017, 8, 1100.	1.3	39
5	Fully automated closed-loop glucose control compared with standard insulin therapy in adults with type 2 diabetes requiring dialysis: an open-label, randomized crossover trial. <i>Nature Medicine</i> , 2021, 27, 1471-1476.	15.2	38
6	Relation of Heart Rate and its Variability during Sleep with Age, Physical Activity, and Body Composition in Young Children. <i>Frontiers in Physiology</i> , 2017, 8, 109.	1.3	35
7	Performance of a factory-calibrated, real-time continuous glucose monitoring system during elective abdominal surgery. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1678-1682.	2.2	25
8	Sports-related sudden cardiac deaths in the young population of Switzerland. <i>PLoS ONE</i> , 2017, 12, e0174434.	1.1	24
9	The Application of Neuromuscular Electrical Stimulation Training in Various Non-neurologic Patient Populations: A Narrative Review. <i>PM and R</i> , 2015, 7, 1167-1178.	0.9	16
10	The Association Between Endurance Training and Heart Rate Variability: The Confounding Role of Heart Rate. <i>Frontiers in Physiology</i> , 2018, 9, 756.	1.3	16
11	Volumetric Food Quantification Using Computer Vision on a Depth-Sensing Smartphone: Preclinical Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e15294.	1.8	15
12	Short-term fully closed-loop insulin delivery using faster insulin aspart compared with standard insulin aspart in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2718-2722.	2.2	13
13	Heart-Rate Variability During Deep Sleep in World-Class Alpine Skiers: A Time-Efficient Alternative to Morning Supine Measurements. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 648-654.	1.1	11
14	Day-to-day variability of insulin requirements in the inpatient setting: Observations during fully closed-loop insulin delivery. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1978-1982.	2.2	8
15	Good reproducibility of heart rate variability after orthostatic challenge in patients with a history of acute coronary syndrome. <i>Journal of Electrocardiology</i> , 2015, 48, 696-702.	0.4	7
16	Multiplexed Assay to Quantify the PP-Fold Family of Peptides in Human Plasma Using Microflow Liquid Chromatography-Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2022, 68, 584-594.	1.5	7
17	Heart rate kinetics during standard cardiopulmonary exercise testing in heart transplant recipients: a longitudinal study. <i>ESC Heart Failure</i> , 2021, 8, 1096-1105.	1.4	6
18	Model-Based Assessment of C-Peptide Secretion and Kinetics in Post Gastric Bypass Individuals Experiencing Postprandial Hyperinsulinemic Hypoglycemia. <i>Frontiers in Endocrinology</i> , 2021, 12, 611253.	1.5	6

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19	A Single Load of Fructose Attenuates the Risk of Exercise-Induced Hypoglycemia in Adults With Type 1 Diabetes on Ultra-Long-Acting Basal Insulin: A Randomized, Open-Label, Crossover Proof-of-Principle Study. <i>Diabetes Care</i> , 2020, 43, 2010-2016.	4.3	5
20	Digital Solutions to Diagnose and Manage Postbariatric Hypoglycemia. <i>Frontiers in Nutrition</i> , 2022, 9, 855223.	1.6	5
21	Vagal reactivation after exercise and cardiac autonomic nervous activity in adult Fontan patients without pacemakers. <i>International Journal of Cardiology</i> , 2016, 220, 527-533.	0.8	4
22	Pharmacokinetics of Faster and Standard Insulin Aspart During Fully Closed-Loop Insulin Delivery in Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 691-696.	2.4	3
23	The impact of postbariatric hypoglycaemia on driving performance: A randomized, single-blind, two-period, crossover study in a driving simulator. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 2189-2193.	2.2	3
24	Effect of nutrition on postprandial glucose control in hospitalized patients with type 2 diabetes receiving fully automated closed-loop insulin therapy. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 234-239.	2.2	2
25	Effects of Aerobic Exercise on Systemic Insulin Degludec Concentrations in People With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2021, , 193229682110439.	1.3	1
26	Forecasting postbariatric hypoglycaemia in patients after Roux-en-Y gastric bypass using model-based algorithms fed by continuous glucose monitoring data: A proof-of-concept study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 2061-2065.	2.2	1
27	Effect of fully automated closed-loop insulin delivery using faster aspart versus standard aspart on gluco-regulatory hormones in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 228-233.	2.2	0
28	Cover Image, Volume 23, Issue 9. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, .	2.2	0