

Simon L Cichosz

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

692
citations

623734

14
h-index

642732

23
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46
all docs

46
docs citations

46
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Algorithm for Prediction and Detection of Hypoglycemia Based on Continuous Glucose Monitoring and Heart Rate Variability in Patients With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 731-737.	2.2	73
2	Toward Big Data Analytics. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 27-34.	2.2	73
3	How to Use Blockchain for Diabetes Health Care Data and Access Management: An Operational Concept. <i>Journal of Diabetes Science and Technology</i> , 2019, 13, 248-253.	2.2	67
4	Moving prediction of exacerbation in chronic obstructive pulmonary disease for patients in telecare. <i>Journal of Telemedicine and Telecare</i> , 2012, 18, 99-103.	2.7	44
5	Prevalence of taste and smell impairment in adults with diabetes: A cross-sectional analysis of data from the National Health and Nutrition Examination Survey (NHANES). <i>Primary Care Diabetes</i> , 2018, 12, 453-459.	1.8	39
6	Combining Information of Autonomic Modulation and CGM Measurements Enables Prediction and Improves Detection of Spontaneous Hypoglycemic Events. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 132-137.	2.2	28
7	Glycemic Variability Is Associated With Reduced Cardiac Autonomic Modulation in Women With Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 682-688.	8.6	25
8	The impact of telehealth care on health-related quality of life of patients with heart failure: Results from the Danish TeleCare North heart failure trial. <i>Journal of Telemedicine and Telecare</i> , 2020, 26, 452-461.	2.7	22
9	Low Physical Activity Is Associated With Increased Arterial Stiffness in Patients Recently Diagnosed With Type 2 Diabetes. <i>American Journal of Hypertension</i> , 2016, 29, 882-888.	2.0	20
10	Assessment of Postprandial Glucose Excursions Throughout the Day in Newly Diagnosed Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 78-83.	4.4	18
11	Muscle grip strength is associated to reduced pulmonary capacity in patients with diabetes. <i>Primary Care Diabetes</i> , 2018, 12, 66-70.	1.8	18
12	Prediction of In-Hospital Pressure Ulcer Development. <i>Advances in Wound Care</i> , 2019, 8, 1-6.	5.1	18
13	Short-term prediction of future continuous glucose monitoring readings in type 1 diabetes: Development and validation of a neural network regression model. <i>International Journal of Medical Informatics</i> , 2021, 151, 104472.	3.3	18
14	Prediction of exacerbation onset in chronic obstructive pulmonary disease patients. <i>Journal of Medical Engineering and Technology</i> , 2016, 40, 1-7.	1.4	17
15	Morning blood pressure surge and target organ damage in newly diagnosed type 2 diabetic patients: a cross sectional study. <i>BMC Endocrine Disorders</i> , 2015, 15, 77.	2.2	15
16	A classification model for predicting eye disease in newly diagnosed people with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2015, 108, 210-215.	2.8	15
17	Penalty weighted glucose prediction models could lead to better clinically usage. <i>Computers in Biology and Medicine</i> , 2021, 138, 104865.	7.0	14
18	Cognitive impairment in elderly people with prediabetes or diabetes: A cross-sectional study of the NHANES population. <i>Primary Care Diabetes</i> , 2020, 14, 455-459.	1.8	13

#	ARTICLE	IF	CITATIONS
19	Prediction of excessive weight gain in insulin treated patients with type 2 diabetes. <i>Journal of Diabetes</i> , 2017, 9, 325-331.	1.8	11
20	Are Changes in Heart Rate Variability During Hypoglycemia Confounded by the Presence of Cardiovascular Autonomic Neuropathy in Patients with Diabetes?. <i>Diabetes Technology and Therapeutics</i> , 2017, 19, 91-95.	4.4	11
21	Continuous glucose monitoring adds information beyond HbA1c in well-controlled diabetes patients with early cardiovascular autonomic neuropathy. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1389-1393.	2.3	11
22	Population exacerbation incidence contains predictive information of acute exacerbations in patients with chronic obstructive pulmonary disease in telecare. <i>International Journal of Medical Informatics</i> , 2018, 111, 72-76.	3.3	9
23	Precise Prediction of Total Body Lean and Fat Mass From Anthropometric and Demographic Data: Development and Validation of Neural Network Models. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 1337-1343.	2.2	9
24	Smoking is Associated With Increased Risk of Not Achieving Glycemic Target, Increased Glycemic Variability, and Increased Risk of Hypoglycemia for People With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 193229682092225.	2.2	9
25	The Degree of Autonomic Modulation Is Associated With the Severity of Microvascular Complications in Patients With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 681-686.	2.2	8
26	Hyperglycemia as a Predictor for Adverse Outcome in ICU Patients With and Without Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 1272-1273.	2.2	8
27	Health effectiveness and cost-effectiveness of telehealthcare for heart failure: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 590.	1.6	7
28	Assessment of Simple Bedside Wound Characteristics for a Prediction Model for Diabetic Foot Ulcer Outcomes. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 1161-1167.	2.2	7
29	A Conditional Generative Adversarial Network for Synthesis of Continuous Glucose Monitoring Signals. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 1220-1223.	2.2	7
30	Improved Diabetes Screening Using an Extended Predictive Feature Search. <i>Diabetes Technology and Therapeutics</i> , 2014, 16, 166-171.	4.4	6
31	Comment on Lachin et al. Association of Glycemic Variability in Type 1 Diabetes With Progression of Microvascular Outcomes in the Diabetes Control and Complications Trial. <i>Diabetes Care</i> 2017;40:777-783. <i>Diabetes Care</i> , 2017, 40, e164-e164.	8.6	6
32	Short-term acipimox treatment is associated with decreased cardiac parasympathetic modulation. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2671-2677.	2.4	6
33	Increased Accuracy After Adjustment of Spirometry Threshold for Diagnosing COPD Based on Pre-Bronchodilator FEV1/FVC. <i>Respiratory Care</i> , 2019, 64, 85-90.	1.6	5
34	A two-layer probabilistic model to predict COPD exacerbations for patients in telehealth. <i>Computers in Biology and Medicine</i> , 2021, 128, 104108.	7.0	5
35	Associations between smoking, glucose metabolism and lipid levels: A cross-sectional study. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107649.	2.3	4
36	Using Case-Based Reasoning in a Learning System: A Prototype of a Pedagogical Nurse Tool for Evidence-Based Diabetic Foot Ulcer Care. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 454-459.	2.2	4

#	ARTICLE	IF	CITATIONS
37	A novel model enhances HbA1c-based diabetes screening using simple anthropometric, anamnestic, and demographic information	1.8	3
38	Validation of an Algorithm for Predicting Hypoglycemia From Continuous Glucose Measurements and Heart Rate Variability Data. Journal of Diabetes Science and Technology, 2019, 13, 1178-1179.	2.2	3
39	A Matlab Tool for Organizing and Analyzing NHANES Data. Studies in Health Technology and Informatics, 2020, 270, 1179-1180.	0.3	3
40	Stratification of telehealthcare for patients with chronic obstructive pulmonary disease using a predictive algorithm as decision support: A pilot study. Journal of Telemedicine and Telecare, 2017, 23, 410-415.	2.7	2
41	Data Sharing of Continuous Glucose Monitoring Data: The Need for a New Paradigm?. Journal of Diabetes Science and Technology, 2021, 15, 193229682199784.	2.2	2
42	Optimal Data Collection Period for Continuous Glucose Monitoring to Assess Long-Term Glycemic Control: Revisited. Journal of Diabetes Science and Technology, 2023, 17, 690-695.	2.2	2
43	Body Composition Prediction BOMP: A New Tool for Assessing Fat and Lean Body Mass. Journal of Diabetes Science and Technology, 2022, , 193229682210765.	2.2	2
44	Classification of Gastroparesis from Glycemic Variability in Type 1 Diabetes: A Proof-of-Concept Study. Journal of Diabetes Science and Technology, 2021, , 193229682110152.	2.2	1
45	Comment on Pathak et al. Artificial neural network model effectively estimates muscle and fat mass using simple demographic and anthropometric measures, Clinical Nutrition, Nov. 2021. Clinical Nutrition, 2022, , .	5.0	0