Piotr Foltynski

List of Publications by Year in descending order

36 papers	402 citations	623574 14 h-index	794469 19 g-index
41 all docs	41 docs citations	41 times ranked	451 citing authors

#	Article	IF	Citations
1	Digital Planimetry With a New Adaptive Calibration Procedure Results in Accurate and Precise Wound Area Measurement at Curved Surfaces. Journal of Diabetes Science and Technology, 2022, 16, 128-136.	1.3	7
2	Dynamic Bayesian networks for prediction of health status and treatment effect in patients with chronic lymphocytic leukemia. Scientific Reports, 2022, 12, 1811.	1.6	2
3	Insulin, but Not Metformin, Supports Wound Healing Process in Rats with Streptozotocin-Induced Diabetes. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 1505-1517.	1.1	4
4	Wound surface area measurement methods. Biocybernetics and Biomedical Engineering, 2021, 41, 1454-1465.	3.3	5
5	Effect of glucose concentration and culture substrate on HUVECs viability in in vitro cultures: A literature review and own results. Biocybernetics and Biomedical Engineering, 2021, 41, 1390-1405.	3.3	2
6	How Important Is a Closedâ€Loop Artificial Pancreas?. Artificial Organs, 2019, 43, 9-13.	1.0	1
7	Efficacy of automatic bolus calculator with automatic speech recognition in patients with type 1 diabetes: A randomized crossâ€over trial. Journal of Diabetes, 2018, 10, 600-608.	0.8	17
8	Accuracy of Automatic Carbohydrate, Protein, Fat and Calorie Counting Based on Voice Descriptions of Meals in People with Type 1 Diabetes. Nutrients, 2018, 10, 518.	1.7	15
9	Ways to increase precision and accuracy of wound area measurement using smart devices: Advanced app Planimator. PLoS ONE, 2018, 13, e0192485.	1.1	30
10	Insulin or Metformin for Glucose Control during Wound Healing in Diabetes?. Diabetes, 2018, 67, 630-P.	0.3	1
11	Insulin Bolus Calculator with Automatic Speech Recognition. IFMBE Proceedings, 2018, , 603-606.	0.2	0
12	A Randomized Controlled Study of an Insulin Dosing Application That Uses Recognition and Meal Bolus Estimations. Journal of Diabetes Science and Technology, 2017, 11, 43-49.	1.3	15
13	The First Use of Bolus Calculator With Speech Analyzer. Journal of Diabetes Science and Technology, 2017, 11, 7-11.	1.3	5
14	Human endothelial cells hollow fiber membrane bioreactor as a model of the blood vessel for in vitro studies. Journal of Artificial Organs, 2016, 19, 270-277.	0.4	6
15	Treatment of patients with type 1 diabetes â€“ Insulin pumps or multiple injections?. Biocybernetics and Biomedical Engineering, 2016, 36, 1-8.	3.3	18
16	Wound Area Measurement with Digital Planimetry: Improved Accuracy and Precision with Calibration Based on 2 Rulers. PLoS ONE, 2015, 10, e0134622.	1.1	32
17	An Algorithm Based on Voice Description of Meal for Insulin Dose Calculation to Compensate Food Intake. IFMBE Proceedings, 2015, , 1441-1444.	0.2	4
18	A network meta-analysis of progression free survival and overall survival in first-line treatment of chronic lymphocytic leukemia. Cancer Treatment Reviews, 2015, 41, 77-93.	3.4	14

#	Article	IF	Citations
19	A New Smartphone-Based Method for Wound Area Measurement. Artificial Organs, 2014, 38, 346-352.	1.0	40
20	Validation of a hemoglobin A1c model in patients with type 1 and type 2 diabetes and its use to go beyond the averaged relationship of hemoglobin A1c and mean glucose level. Journal of Translational Medicine, 2014, 12, 328.	1.8	17
21	Estimation of the Hemoglobin Glycation Rate Constant Based on the Mean Glycemia in Patients with Diabetes. IFMBE Proceedings, 2014, , 515-518.	0.2	0
22	The influence of ambient temperature on foot temperature in patients with diabetic foot ulceration. Biocybernetics and Biomedical Engineering, 2014, 34, 178-183.	3.3	2
23	A Comparison of Three Techniques for Wound Area Measurement. IFMBE Proceedings, 2014, , 1071-1074.	0.2	3
24	What We Can Really Expect from Telemedicine in Intensive Diabetes Treatment: 10 Years Later. Diabetes Technology and Therapeutics, 2013, 15, 260-268.	2.4	11
25	Accuracy and Precision of Selected Wound Area Measurement Methods in Diabetic Foot Ulceration. Diabetes Technology and Therapeutics, 2013, 15, 711-720.	2.4	32
26	Microdialysis Monitoring of Glucose, Lactate, Glycerol, and Pyruvate in Patients with Diabetic Ketoacidosis. International Journal of Artificial Organs, 2013, 36, 869-877.	0.7	5
27	Monitoring of Diabetic Foot Syndrome Treatment: Some New Perspectives. Artificial Organs, 2011, 35, 176-182.	1.0	14
28	Preventive Systems for the Late Complications of Diabetes. Biocybernetics and Biomedical Engineering, 2011, 31, 3-21.	3.3	3
29	Hemoglobin Glycation Rate Constant in Non-diabetic Individuals. Annals of Biomedical Engineering, 2011, 39, 2721-2734.	1.3	18
30	A New Imaging and Data Transmitting Device for Telemonitoring of Diabetic Foot Syndrome Patients. Diabetes Technology and Therapeutics, 2011, 13, 861-867.	2.4	19
31	Area of the Diabetic Ulcers Estimated Applying a Foot Scannerâ€“Based Home Telecare System and Three Reference Methods. Diabetes Technology and Therapeutics, 2011, 13, 1101-1107.	2.4	23
32	A New Concept of the Integrated Care Service for Unstable Diabetic Patients. IFMBE Proceedings, 2010, , 932-934.	0.2	2
33	Application of the Home Telecare System in the Treatment of Diabetic Foot Syndrome. IFMBE Proceedings, 2009, , 1049-1052.	0.2	5
34	Validation of Hemoglobin Glycation Models Using Glycemia Monitoring InÂVivo and Culturing of Erythrocytes InÂVitro. Annals of Biomedical Engineering, 2008, 36, 1188-1202.	1.3	17
35	Microdialysis Technique as a Monitoring System for Acute Complications of Diabetes. Artificial Organs, 2007, 32, 070802063815012-???.	1.0	6
36	TeleMed-the telematic system supporting intensive insulin treatment of the newly diagnosed type 1 diabetic patients: first clinical application. , 0, , .		0