

# Piotr Ladyzynski

## List of Publications by Year in descending order

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44  
papers

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citations

566801

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713013

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 Inflammasome at the Interface of Inflammation, Endothelial Dysfunction, and Type 2 Diabetes. <i>Cells</i> , 2021, 10, 314.	1.8	59
2	A New Smartphone-Based Method for Wound Area Measurement. <i>Artificial Organs</i> , 2014, 38, 346-352.	1.0	40
3	Accuracy and Precision of Selected Wound Area Measurement Methods in Diabetic Foot Ulceration. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 711-720.	2.4	32
4	Wound Area Measurement with Digital Planimetry: Improved Accuracy and Precision with Calibration Based on 2 Rulers. <i>PLoS ONE</i> , 2015, 10, e0134622.	1.1	32
5	Home telecare during intensive insulin treatment – metabolic control does not improve as much as expected. <i>Journal of Telemedicine and Telecare</i> , 2007, 13, 44-47.	1.4	25
6	Area of the Diabetic Ulcers Estimated Applying a Foot Scanner–Based Home Telecare System and Three Reference Methods. <i>Diabetes Technology and Therapeutics</i> , 2011, 13, 1101-1107.	2.4	23
7	Toward the improvement of diabetes treatment: recent developments in technical support. <i>Journal of Artificial Organs</i> , 2003, 6, 73-87.	0.4	22
8	A New Imaging and Data Transmitting Device for Telemonitoring of Diabetic Foot Syndrome Patients. <i>Diabetes Technology and Therapeutics</i> , 2011, 13, 861-867.	2.4	19
9	Hemoglobin Glycation Rate Constant in Non-diabetic Individuals. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2721-2734.	1.3	18
10	Treatment of patients with type 1 diabetes – Insulin pumps or multiple injections?. <i>Biocybernetics and Biomedical Engineering</i> , 2016, 36, 1-8.	3.3	18
11	Validation of Hemoglobin Glycation Models Using Glycemia Monitoring In Vivo and Culturing of Erythrocytes In Vitro. <i>Annals of Biomedical Engineering</i> , 2008, 36, 1188-1202.	1.3	17
12	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. <i>Journal of Translational Medicine</i> , 2014, 12, 328.	1.8	17
13	Efficacy of automatic bolus calculator with automatic speech recognition in patients with type 1 diabetes: A randomized crossover trial. <i>Journal of Diabetes</i> , 2018, 10, 600-608.	0.8	17
14	Mobile Telecare System for Intensive Insulin Treatment and Patient Education. First Applications for Newly Diagnosed Type 1 Diabetic Patients. <i>International Journal of Artificial Organs</i> , 2006, 29, 1074-1081.	0.7	16
15	Insulin in Type 1 and Type 2 Diabetes – Should the Dose of Insulin Before a Meal be Based on Glycemia or Meal Content?. <i>Nutrients</i> , 2019, 11, 607.	1.7	16
16	A Randomized Controlled Study of an Insulin Dosing Application That Uses Recognition and Meal Bolus Estimations. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 43-49.	1.3	15
17	Accuracy of Automatic Carbohydrate, Protein, Fat and Calorie Counting Based on Voice Descriptions of Meals in People with Type 1 Diabetes. <i>Nutrients</i> , 2018, 10, 518.	1.7	15
18	Monitoring of Diabetic Foot Syndrome Treatment: Some New Perspectives. <i>Artificial Organs</i> , 2011, 35, 176-182.	1.0	14

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19	A network meta-analysis of progression free survival and overall survival in first-line treatment of chronic lymphocytic leukemia. <i>Cancer Treatment Reviews</i> , 2015, 41, 77-93.	3.4	14
20	Reliability of blood glucose self-monitoring and its influence on glycemic control in highly motivated type 1 diabetic patients. <i>Diabetes Care</i> , 1999, 22, 854-856.	4.3	11
21	What We Can Really Expect from Telemedicine in Intensive Diabetes Treatment: 10 Years Later. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 260-268.	2.4	11
22	Digital Planimetry With a New Adaptive Calibration Procedure Results in Accurate and Precise Wound Area Measurement at Curved Surfaces. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 128-136.	1.3	7
23	Microdialysis Technique as a Monitoring System for Acute Complications of Diabetes. <i>Artificial Organs</i> , 2007, 32, 070802063815012-???	1.0	6
24	Human endothelial cells hollow fiber membrane bioreactor as a model of the blood vessel for in vitro studies. <i>Journal of Artificial Organs</i> , 2016, 19, 270-277.	0.4	6
25	Telematic support in intensive insulin treatment. Frequency of the data transfer. <i>Diabetes Research and Clinical Practice</i> , 2006, 74, S225-S228.	1.1	5
26	Monitoring of Sweat Secretion from Eccrine Sweat Glands Using Electric Conductivity Method. <i>Biocybernetics and Biomedical Engineering</i> , 2012, 32, 47-57.	3.3	5
27	Microdialysis Monitoring of Glucose, Lactate, Glycerol, and Pyruvate in Patients with Diabetic Ketoacidosis. <i>International Journal of Artificial Organs</i> , 2013, 36, 869-877.	0.7	5
28	The First Use of Bolus Calculator With Speech Analyzer. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 7-11.	1.3	5
29	Wound surface area measurement methods. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1454-1465.	3.3	5
30	Application of the Home Telecare System in the Treatment of Diabetic Foot Syndrome. <i>IFMBE Proceedings</i> , 2009, , 1049-1052.	0.2	5
31	An Algorithm Based on Voice Description of Meal for Insulin Dose Calculation to Compensate Food Intake. <i>IFMBE Proceedings</i> , 2015, , 1441-1444.	0.2	4
32	Preventive Systems for the Late Complications of Diabetes. <i>Biocybernetics and Biomedical Engineering</i> , 2011, 31, 3-21.	3.3	3
33	The influence of ambient temperature on foot temperature in patients with diabetic foot ulceration. <i>Biocybernetics and Biomedical Engineering</i> , 2014, 34, 178-183.	3.3	2
34	Response of human normal and leukemia cells to factors released by amnion fragments in vitro. <i>PLoS ONE</i> , 2018, 13, e0195035.	1.1	2
35	Effect of glucose concentration and culture substrate on HUVECs viability in in vitro cultures: A literature review and own results. <i>Biocybernetics and Biomedical Engineering</i> , 2021, 41, 1390-1405.	3.3	2
36	Dynamic Bayesian networks for prediction of health status and treatment effect in patients with chronic lymphocytic leukemia. <i>Scientific Reports</i> , 2022, 12, 1811.	1.6	2

#	ARTICLE	IF	CITATIONS
37	Soft Methods in Trend Detection. <i>Advances in Intelligent and Soft Computing</i> , 2010, , 395-402.	0.2	1
38	The Effect of High and Variable Glucose on the Viability of Endothelial Cells Co-Cultured with Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6704.	1.8	1
39	In Memoriam Jan Maria Wojcicki (1946 – 2013). <i>International Journal of Artificial Organs</i> , 2014, 37, 96-97.	0.7	0
40	Jan Maria Wojcicki (1946-2013): Scientist, Organizer, Friend. <i>Artificial Organs</i> , 2014, 38, 271-273.	1.0	0
41	Analysis: A Step Toward Standardizing Diabetic Foot Images. <i>Journal of Diabetes Science and Technology</i> , 2018, 12, 174-175.	1.3	0
42	Analysis of the microbiota in the diabetic foot ulcers: Is research standardization required?. <i>Postepy Higieny i Medycyny Doswiadczalnej</i> , 2021, 75, 362-370.	0.1	0
43	Against all odds. <i>International Journal of Artificial Organs</i> , 2021, 44, 589-589.	0.7	0
44	Insulin Bolus Calculator with Automatic Speech Recognition. <i>IFMBE Proceedings</i> , 2018, , 603-606.	0.2	0