

Valdis Pirags

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

8,760
citations

30
h-index

93
g-index

96
ext. papers

10,406
ext. citations

8.1
avg, IF

5.05
L-index

#	Paper	IF	Citations
91	Secondary prevention of macrovascular events in patients with type 2 diabetes in the PROactive Study (PROspective pioglitAzone Clinical Trial In macroVascular Events): a randomised controlled trial. <i>Lancet, The</i> , 2005 , 366, 1279-89	40	3186
90	Basal insulin and cardiovascular and other outcomes in dysglycemia. <i>New England Journal of Medicine</i> , 2012 , 367, 319-28	59.2	1138
89	Dulaglutide and cardiovascular outcomes in type 2 diabetes (REWIND): a double-blind, randomised placebo-controlled trial. <i>Lancet, The</i> , 2019 , 394, 121-130	40	917
88	n-3 fatty acids and cardiovascular outcomes in patients with dysglycemia. <i>New England Journal of Medicine</i> , 2012 , 367, 309-18	59.2	659
87	Effects of pioglitazone in patients with type 2 diabetes with or without previous stroke: results from PROactive (PROspective pioglitAzone Clinical Trial In macroVascular Events 04). <i>Stroke</i> , 2007 , 38, 865-73	6.7	374
86	Methylglyoxal modification of Nav1.8 facilitates nociceptive neuron firing and causes hyperalgesia in diabetic neuropathy. <i>Nature Medicine</i> , 2012 , 18, 926-33	50.5	339
85	Dulaglutide and renal outcomes in type 2 diabetes: an exploratory analysis of the REWIND randomised, placebo-controlled trial. <i>Lancet, The</i> , 2019 , 394, 131-138	40	228
84	Design and baseline characteristics of participants in the Researching cardiovascular Events with a Weekly INcretin in Diabetes (REWIND) trial on the cardiovascular effects of dulaglutide. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 42-49	6.7	121
83	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. <i>Nature Genetics</i> , 2016 , 48, 1055-1059	36.3	108
82	Regulation of protein kinase C by short term hyperglycaemia in human platelets in vivo and in vitro. <i>Diabetologia</i> , 2001 , 44, 188-95	10.3	106
81	Association of genetic variation in the organic cation transporters OCT1, OCT2 and multidrug and toxin extrusion 1 transporter protein genes with the gastrointestinal side effects and lower BMI in metformin-treated type 2 diabetes patients. <i>Pharmacogenetics and Genomics</i> , 2012 , 22, 659-66	1.9	85
80	Is the ADA/EASD algorithm for the management of type 2 diabetes (January 2009) based on evidence or opinion? A critical analysis. <i>Diabetologia</i> , 2010 , 53, 1258-69	10.3	72
79	Effect of rosiglitazone on progression of coronary atherosclerosis in patients with type 2 diabetes mellitus and coronary artery disease: the assessment on the prevention of progression by rosiglitazone on atherosclerosis in diabetes patients with cardiovascular history trial. <i>Circulation</i> , 2010 , 121, 1176-87	16.7	71
78	The association of basal insulin glargine and/or n-3 fatty acids with incident cancers in patients with dysglycemia. <i>Diabetes Care</i> , 2014 , 37, 1360-6	14.6	67
77	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 2000-2016	12.7	66
76	Variants in Pharmacokinetic Transporters and Glycemic Response to Metformin: A Metgen Meta-Analysis. <i>Clinical Pharmacology and Therapeutics</i> , 2017 , 101, 763-772	6.1	60
75	Association of metformin administration with gut microbiome dysbiosis in healthy volunteers. <i>PLoS ONE</i> , 2018 , 13, e0204317	3.7	60

74	Impact of peripheral arterial disease in patients with diabetes--results from PROactive (PROactive 11). <i>Atherosclerosis</i> , 2009 , 202, 272-81	3.1	58
73	Imeglimin, a novel glimin oral antidiabetic, exhibits a good efficacy and safety profile in type 2 diabetic patients. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14, 852-8	6.7	54
72	The Diabetic REtinopathy Candesartan Trials (DIRECT) Programme: baseline characteristics. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2005 , 6, 25-32	3	54
71	Fatty liver index and hepatic steatosis index for prediction of non-alcoholic fatty liver disease in type 1 diabetes. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018 , 33, 270-276	4	50
70	Pioglitazone use in combination with insulin in the prospective pioglitazone clinical trial in macrovascular events study (PROactive19). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2163-71	5.6	50
69	Effect of dulaglutide on cognitive impairment in type 2 diabetes: an exploratory analysis of the REWIND trial. <i>Lancet Neurology, The</i> , 2020 , 19, 582-590	24.1	48
68	Cardiovascular and Other Outcomes Postintervention With Insulin Glargine and Omega-3 Fatty Acids (ORIGINALE). <i>Diabetes Care</i> , 2016 , 39, 709-16	14.6	48
67	The efficacy and safety of imeglimin as add-on therapy in patients with type 2 diabetes inadequately controlled with metformin monotherapy. <i>Diabetes Care</i> , 2013 , 36, 565-8	14.6	48
66	The Diabetic Retinopathy Candesartan Trials (DIRECT) Programme, rationale and study design. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2002 , 3, 255-61	3	44
65	The efficacy and safety of imeglimin as add-on therapy in patients with type 2 diabetes inadequately controlled with sitagliptin monotherapy. <i>Diabetes Care</i> , 2014 , 37, 1924-30	14.6	40
64	Prevalence of Helicobacter pylori infection and atrophic gastritis in Latvia. <i>European Journal of Gastroenterology and Hepatology</i> , 2012 , 24, 1410-7	2.2	32
63	Association of reduced glyoxalase 1 activity and painful peripheral diabetic neuropathy in type 1 and 2 diabetes mellitus patients. <i>Journal of Diabetes and Its Complications</i> , 2013 , 27, 262-7	3.2	31
62	Two HLA DRB 1 alleles confer independent genetic susceptibility to Graves disease: relevance of cross-population studies. <i>American Journal of Medical Genetics Part A</i> , 2001 , 102, 188-91		31
61	Identification of glyoxalase 1 polymorphisms associated with enzyme activity. <i>Gene</i> , 2013 , 515, 140-3	3.8	29
60	Incidence of diabetes following ramipril or rosiglitazone withdrawal. <i>Diabetes Care</i> , 2011 , 34, 1265-9	14.6	28
59	Ensuring Effective Prevention of Iodine Deficiency Disorders. <i>Thyroid</i> , 2016 , 26, 189-96	6.2	26
58	High mortality within 90 days of diagnosis in patients with Cushing's syndrome: results from the ERCUSYN registry. <i>European Journal of Endocrinology</i> , 2019 , 181, 461-472	6.5	23
57	Standardized Map of Iodine Status in Europe. <i>Thyroid</i> , 2020 , 30, 1346-1354	6.2	21

56	Polymorphisms in FTO and near TMEM18 associate with type 2 diabetes and predispose to younger age at diagnosis of diabetes. <i>Gene</i> , 2013 , 527, 462-8	3.8	18
55	Identification of somatostatin receptor type 5 gene polymorphisms associated with acromegaly. <i>European Journal of Endocrinology</i> , 2011 , 165, 517-25	6.5	18
54	Association of microsatellite polymorphisms of the human 14q13.2 region with type 2 diabetes mellitus in Latvian and Finnish populations. <i>Annals of Human Genetics</i> , 2007 , 71, 772-6	2.2	18
53	Single nucleotide polymorphisms in the intergenic region between metformin transporter OCT2 and OCT3 coding genes are associated with short-term response to metformin monotherapy in type 2 diabetes mellitus patients. <i>European Journal of Endocrinology</i> , 2016 , 175, 531-540	6.5	16
52	Iodine deficiency during pregnancy: a national cross-sectional survey in Latvia. <i>Public Health Nutrition</i> , 2015 , 18, 2990-7	3.3	16
51	A comparison of efficacy and safety of an ezetimibe/simvastatin combination compared with other intensified lipid-lowering treatment strategies in diabetic patients with symptomatic cardiovascular disease. <i>Diabetes and Vascular Disease Research</i> , 2013 , 10, 277-86	3.3	16
50	Relation of inflammatory chemokines to insulin resistance and hypoadiponectinemia in coronary artery disease patients. <i>European Journal of Internal Medicine</i> , 2009 , 20, 712-7	3.9	16
49	Association between a rare SNP in the second intron of human Agouti related protein gene and increased BMI. <i>BMC Medical Genetics</i> , 2009 , 10, 63	2.1	15
48	Microsatellite genotyping of chromosome 14q13.2-14q13 in the vicinity of proteasomal gene PSMA6 and association with Graves disease in the Latvian population. <i>Immunogenetics</i> , 2004 , 56, 238-43 ^{3,2}		14
47	Single nucleotide polymorphisms of the purinergic 1 receptor are not associated with myocardial infarction in a Latvian population. <i>Molecular Biology Reports</i> , 2012 , 39, 1917-25	2.8	13
46	Significantly altered peripheral blood cell DNA methylation profile as a result of immediate effect of metformin use in healthy individuals. <i>Clinical Epigenetics</i> , 2018 , 10, 156	7.7	13
45	The role of common and rare MC4R variants and FTO polymorphisms in extreme form of obesity. <i>Molecular Biology Reports</i> , 2014 , 41, 1491-500	2.8	12
44	Nitric oxide production and arachidonic acid metabolism in platelet membranes of coronary heart disease patients with and without diabetes. <i>Medical Principles and Practice</i> , 2003 , 12, 10-6	2.1	12
43	A cross-sectional survey of urinary iodine status in Latvia. <i>Medicina (Lithuania)</i> , 2014 , 50, 124-9	3.1	11
42	Whole-blood transcriptome profiling reveals signatures of metformin and its therapeutic response. <i>PLoS ONE</i> , 2020 , 15, e0237400	3.7	11
41	Seasonal iodine deficiency in Latvian school children. <i>Thyroid</i> , 2012 , 22, 1088-9	6.2	10
40	A nonsynonymous variant I248L of the adenosine A3 receptor is associated with coronary heart disease in a Latvian population. <i>DNA and Cell Biology</i> , 2011 , 30, 907-11	3.6	10
39	Polymorphisms in MEN1 and DRD2 genes are associated with the occurrence and characteristics of pituitary adenomas. <i>European Journal of Endocrinology</i> , 2016 , 175, 145-53	6.5	10

38	Metformin strongly affects transcriptome of peripheral blood cells in healthy individuals. <i>PLoS ONE</i> , 2019 , 14, e0224835	3.7	8
37	Survey of autoantibody responses against tumor-associated antigens in thyroid cancer. <i>Cancer Biomarkers</i> , 2014 , 14, 361-9	3.8	8
36	Trefoil factor 3 is required for differentiation of thyroid follicular cells and acts as a context-dependent tumor suppressor. <i>Neoplasia</i> , 2015 , 62, 914-24	3.3	8
35	Prevalence estimation of celiac disease in the general adult population of Latvia using serology and HLA genotyping. <i>United European Gastroenterology Journal</i> , 2015 , 3, 190-9	5.3	8
34	Baseline gut microbiome composition predicts metformin therapy short-term efficacy in newly diagnosed type 2 diabetes patients. <i>PLoS ONE</i> , 2020 , 15, e0241338	3.7	8
33	Pepsinogen test for the evaluation of precancerous changes in gastric mucosa: a population-based study. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2018 , 27, 11-17	1.4	8
32	Functional Characteristics of Multipotent Mesenchymal Stromal Cells from Pituitary Adenomas. <i>Stem Cells International</i> , 2016 , 2016, 7103720	5	8
31	Similar cardiovascular outcomes in patients with diabetes and established or high risk for coronary vascular disease treated with dulaglutide with and without baseline metformin. <i>European Heart Journal</i> , 2021 , 42, 2565-2573	9.5	7
30	Selenium status in patients with autoimmune and non-autoimmune thyroid diseases from four European countries. <i>Expert Review of Endocrinology and Metabolism</i> , 2014 , 9, 685-692	4.1	6
29	Low risk of severe hypoglycaemia in patients with type 2 diabetes mellitus starting insulin therapy with premixed insulin analogues BID in outpatient settings. <i>International Journal of Clinical Practice</i> , 2012 , 66, 1033-41	2.9	6
28	Acute and multiple-dose studies to determine the safety, tolerability, and pharmacokinetic profile of advantame in healthy volunteers. <i>Food and Chemical Toxicology</i> , 2011 , 49 Suppl 1, S77-83	4.7	6
27	Angiopietin 2 and Neuropeptide Y are Associated with Diabetic Kidney Disease in Type 1 Diabetes Mellitus. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020 , 128, 654-662	2.3	5
26	Validity of multiplex biomarker model of 6 genes for the differential diagnosis of thyroid nodules. <i>Thyroid Research</i> , 2011 , 4, 11	2.4	5
25	Stronger association of common variants in TCF7L2 gene with nonobese type 2 diabetes in the Latvian population. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012 , 120, 466-8	2.3	5
24	Nitric oxide metabolism is impaired by type 1 diabetes and diabetic nephropathy. <i>Biomedical Reports</i> , 2020 , 12, 251-258	1.8	5
23	The efficacy and safety of ezetimibe/simvastatin combination compared with intensified lipid-lowering treatment strategies in diabetic subjects with and without metabolic syndrome. <i>Diabetes, Obesity and Metabolism</i> , 2013 , 15, 513-22	6.7	4
22	Consistency of effect of ezetimibe/simvastatin compared with intensified lipid-lowering treatment strategies in obese and non-obese diabetic subjects. <i>Lipids in Health and Disease</i> , 2013 , 12, 103	4.4	3
21	Total cardiovascular or fatal events in people with type 2 diabetes and cardiovascular risk factors treated with dulaglutide in the REWIND trial: a post hoc analysis. <i>Cardiovascular Diabetology</i> , 2020 , 19, 199	8.7	3

20	Pituispheres Contain Genetic Variants Characteristic to Pituitary Adenoma Tumor Tissue. <i>Frontiers in Endocrinology</i> , 2020 , 11, 313	5.7	2
19	Evaluation of the Possibility to Detect Circulating Tumor DNA From Pituitary Adenoma. <i>Frontiers in Endocrinology</i> , 2019 , 10, 615	5.7	2
18	Analysis of Polymorphisms at the Adiponectin Gene Locus in Association with Type 2 Diabetes, Body Mass Index and Cardiovascular Traits in Latvian Population. <i>Proceedings of the Latvian Academy of Sciences</i> , 2009 , 63, 174-179	0.3	2
17	Case report: recurrent pituitary adenoma has increased load of somatic variants. <i>BMC Endocrine Disorders</i> , 2020 , 20, 17	3.3	2
16	Genome-wide association study of diabetic kidney disease highlights biology involved in renal basement membrane collagen		2
15	Impact of interval walking training managed through smart mobile devices on albuminuria and leptin/adiponectin ratio in patients with type 2 diabetes. <i>Physiological Reports</i> , 2020 , 8, e14506	2.6	2
14	Medication for Acromegaly Reduces Expression of MUC16, MACC1 and GRHL2 in Pituitary Neuroendocrine Tumour Tissue. <i>Frontiers in Oncology</i> , 2020 , 10, 593760	5.3	2
13	Antibacterial and Anti-Inflammatory Potential of Polyherbal Formulation Used in Chronic Wound Healing. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 9991454	2.3	2
12	Erectile function in men with type 2 diabetes treated with dulaglutide: an exploratory analysis of the REWIND placebo-controlled randomised trial. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 484-490	18.1	2
11	Interleukin-6 gene promoter -174G/C polymorphism and insulin resistance: a pilot study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 1145-8	5.9	1
10	Achievement of treatment targets predicts progression of vascular complications in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 108072	3.2	1
9	Bioinformatic Analysis of Evolutional Conservatism and Functional Significance of Microsatellite Alleles of Human 14Q13.2 Region Associated with Type 2 Diabetes Mellitus. <i>Proceedings of the Latvian Academy of Sciences</i> , 2008 , 62, 91-102	0.3	1
8	Association between symptoms of depression, diabetes complications and vascular risk factors in four European cohorts of individuals with type 1 diabetes - InterDiane Consortium. <i>Diabetes Research and Clinical Practice</i> , 2020 , 170, 108495	7.4	1
7	Iodine Deficiency in Latvia: Current Status and Need for National Recommendations. <i>Proceedings of the Latvian Academy of Sciences</i> , 2017 , 71, 401-407	0.3	0
6	SNPs of the PSMA6 gene: Investigation of possible association with myocardial infarction and type 2 diabetes mellitus. <i>Russian Journal of Genetics</i> , 2007 , 43, 444-450	0.6	0
5	Consumption of Thyroid Medications as an Indicator of Increase of Thyroid Morbidity in Latvia from 2011 to 2014. <i>Proceedings of the Latvian Academy of Sciences</i> , 2019 , 73, 407-410	0.3	0
4	Hypercalcemia and CYP24A1 Gene Mutation Diagnosed in the 2nd Trimester of a Twin Pregnancy: A Case Report. <i>American Journal of Case Reports</i> , 2021 , 22, e931116	1.3	0
3	Relation of Endothelial Dysfunction and Adipokines Levels to Insulin Resistance in Metabolic Syndrome Patients. <i>Proceedings of the Latvian Academy of Sciences</i> , 2009 , 63, 222-227	0.3	

- 2 Glucose Metabolism Disorders and Risk Factors of Type 2 Diabetes in 45-74-Years-old Population in Rīga, Latvia. *Proceedings of the Latvian Academy of Sciences*, **2009**, 63, 141-146 0.3
- 1 Report on Bariatric Surgery in Latvia. *Obesity Surgery*, **2021**, 31, 2311-2313 3.7