Adam Jacek Kretowski

List of Publications by Year
in descending order

221 papers	4,511 citations	126907 33 h-index	175258 52 g-index
224 all docs	224 docs citations	224 times ranked	6849 citing authors

#	Article	IF	Citations
1	Type 1 Diabetes and Coronary Artery Disease. Diabetes Care, 2006, 29, 2528-2538.	8.6	245
2	Insulin Resistance, Defective Insulin-Mediated Fatty Acid Suppression, and Coronary Artery Calcification in Subjects With and Without Type 1 Diabetes. Diabetes, 2011, 60, 306-314.	0.6	182
3	Molecular Signature of Subtypes of Non-Small-Cell Lung Cancer by Large-Scale Transcriptional Profiling: Identification of Key Modules and Genes by Weighted Gene Co-Expression Network Analysis (WGCNA). Cancers, 2020, 12, 37.	3.7	179
4	High resistin and interleukin-6 levels are associated with gestational diabetes mellitus. Gynecological Endocrinology, 2009, 25, 258-263.	1.7	125
5	Interleukin-18 Promoter Polymorphisms in Type 1 Diabetes. Diabetes, 2002, 51, 3347-3349.	0.6	125
6	Rapid and Reliable Identification of Phospholipids for Untargeted Metabolomics with LC–ESI–QTOF–MS/MS. Journal of Proteome Research, 2015, 14, 3204-3216.	3.7	95
7	Rapid increase in the incidence of type 1 diabetes in Polish children from 1989 to 2004, and predictions for 2010 to 2025. Diabetologia, 2011, 54, 508-515.	6.3	75
8	Serum Cystatin C Predicts Progression of Subclinical Coronary Atherosclerosis in Individuals With Type 1 Diabetes. Diabetes, 2007, 56, 2774-2779.	0.6	69
9	Plasma apelin levels and apelin/APJ mRNA expression in patients with gestational diabetes mellitus. Diabetes Research and Clinical Practice, 2010, 87, 176-183.	2.8	65
10	Lipid Peroxidation, Antioxidant Defence and Acid-Base Status in Cord Blood at Birth: The Influence of Diabetes. Hormone and Metabolic Research, 2001, 33, 227-231.	1.5	62
11	Circulating Pro- and Anti-inflammatory Cytokines in Polish Women with Gestational Diabetes. Hormone and Metabolic Research, 2008, 40, 556-560.	1.5	59
12	Untargeted Metabolomics and Inflammatory Markers Profiling in Children With Crohn's Disease and Ulcerative Colitis—A Preliminary Study. Inflammatory Bowel Diseases, 2019, 25, 1120-1128.	1.9	59
13	Two Single Nucleotide Polymorphisms Identify the Highest-Risk Diabetes HLA Genotype: Potential for Rapid Screening. Diabetes, 2008, 57, 3152-3155.	0.6	57
14	Serum irisin concentration in women with gestational diabetes. Gynecological Endocrinology, 2014, 30, 636-639.	1.7	53
15	Brown Adipose Tissue and Its Role in Insulin and Glucose Homeostasis. International Journal of Molecular Sciences, 2021, 22, 1530.	4.1	52
16	Analysis of Single Nucleotide Polymorphisms Identifies Major Type 1A Diabetes Locus Telomeric of the Major Histocompatibility Complex. Diabetes, 2008, 57, 770-776.	0.6	48
17	Polymorphisms of the Renin-Angiotensin System Genes Predict Progression of Subclinical Coronary Atherosclerosis. Diabetes, 2007, 56, 863-871.	0.6	47
18	Visfatin in gestational diabetes: Serum level and mRNA expression in fat and placental tissue. Diabetes Research and Clinical Practice, 2009, 84, 68-75.	2.8	46

#	Article	IF	Citations
19	Systematic Review of Polygenic Risk Scores for Type 1 and Type 2 Diabetes. International Journal of Molecular Sciences, 2020, 21, 1703.	4.1	46
20	Application of Metabolomics to Study Effects of Bariatric Surgery. Journal of Diabetes Research, 2018, 2018, 1-13.	2.3	45
21	The expression of genes involved in NF-κB activation in peripheral blood mononuclear cells of patients with gestational diabetes. European Journal of Endocrinology, 2013, 168, 419-427.	3.7	42
22	Analysis of chosen polymorphisms in <i>FoxP3</i> gene in children and adolescents with autoimmune thyroid diseases. Autoimmunity, 2014, 47, 395-400.	2.6	41
23	Intercellular Adhesion Molecule 1 Gene Polymorphisms in Graves' Disease. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4945-4949.	3.6	40
24	The rs340874 PROX1 type 2 diabetes mellitus risk variant is associated with visceral fat accumulation and alterations in postprandial glucose and lipid metabolism. Genes and Nutrition, 2015, 10, 4.	2.5	39
25	Proteomics biomarkers for non-small cell lung cancer. Journal of Pharmaceutical and Biomedical Analysis, 2014, 101, 40-49.	2.8	38
26	Select Polyphenol-Rich Berry Consumption to Defer or Deter Diabetes and Diabetes-Related Complications. Nutrients, 2020, 12, 2538.	4.1	38
27	Mass spectrometry based proteomics and metabolomics in personalized oncology. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165690.	3.8	38
28	Determinants of Serum Adiponectin in Persons with and without Type 1 Diabetes. American Journal of Epidemiology, 2007, 166, 731-740.	3.4	37
29	The Redox Balance in Erythrocytes, Plasma, and Periosteum of Patients with Titanium Fixation of the Jaw. Frontiers in Physiology, 2017, 8, 386.	2.8	37
30	Melatonin inhibits inflammasome-associated activation of endothelium and macrophages attenuating pulmonary arterial hypertension. Cardiovascular Research, 2020, 116, 2156-2169.	3.8	37
31	Glutathione Metabolism, Mitochondria Activity, and Nitrosative Stress in Patients Treated for Mandible Fractures. Journal of Clinical Medicine, 2019, 8, 127.	2.4	36
32	Applications of Metabolomics in Forensic Toxicology and Forensic Medicine. International Journal of Molecular Sciences, 2021, 22, 3010.	4.1	35
33	The relationship between the leptin/ghrelin ratio and meals with various macronutrient contents in men with different nutritional status: a randomized crossover study. Nutrition Journal, 2018, 17, 118.	3.4	34
34	Exposure to Ti4Al4V Titanium Alloy Leads to Redox Abnormalities, Oxidative Stress, and Oxidative Damage in Patients Treated for Mandible Fractures. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	34
35	2019 Guidelines on the management of diabetic patients. A position of Diabetes Poland. Clinical Diabetology, 2019, 8, 1-95.	0.6	34
36	Molecular identification of CNS NB-FOXR2, CNS EFT-CIC, CNS HGNET-MN1 and CNS HGNET-BCOR pediatric brain tumors using tumor-specific signature genes. Acta Neuropathologica Communications, 2020, 8, 105.	5.2	33

#	Article	IF	Citations
37	Increased Maternal and Cord Blood Betatrophin in Gestational Diabetes. PLoS ONE, 2015, 10, e0131171.	2.5	33
38	Increased In Vitro Interleukin-12 Production by Peripheral Blood in High-Risk IDDM First Degree Relatives. Hormone and Metabolic Research, 1997, 29, 168-171.	1.5	32
39	The apolipoprotein A-IV Gln360His polymorphism predicts progression of coronary artery calcification in patients with type 1 diabetes. Diabetologia, 2006, 49, 1946-1954.	6.3	32
40	Altered Metabolome of Lipids and Amino Acids Species: A Source of Early Signature Biomarkers of T2DM. Journal of Clinical Medicine, 2020, 9, 2257.	2.4	32
41	Potential first trimester metabolomic biomarkers of abnormal birth weight in healthy pregnancies. Prenatal Diagnosis, 2014, 34, 870-877.	2.3	31
42	An exploratory LC–MS–based metabolomics study reveals differences in aqueous humor composition between diabetic and non–diabetic patients with cataract. Electrophoresis, 2018, 39, 1233-1240.	2.4	31
43	The role of gastrointestinal hormones in the pathogenesis of obesity and type 2 diabetes. Przeglad Gastroenterologiczny, 2014, 2, 69-76.	0.7	30
44	Susceptibility to Type 1 Diabetes Is Associated With ApoCIII Gene Haplotypes. Diabetes, 2006, 55, 834-838.	0.6	29
45	Meta-Analysis of Differential miRNA Expression after Bariatric Surgery. Journal of Clinical Medicine, 2019, 8, 1220.	2.4	29
46	Circulating miRNAs as a Predictive Biomarker of the Progression from Prediabetes to Diabetes: Outcomes of a 5-Year Prospective Observational Study. Journal of Clinical Medicine, 2020, 9, 2184.	2.4	29
47	CD11a Expression and soluble ICAM-1 levels in peripheral blood in high-risk and overt type 1 diabetes subjects. Immunology Letters, 1999, 70, 69-72.	2.5	28
48	Metabolomics – A wide-open door to personalized treatment in chronic heart failure?. International Journal of Cardiology, 2016, 219, 156-163.	1.7	28
49	Serum Th1 and Th2 Profile Cytokine Level Changes in Patients with Graves' Ophthalmopathy Treated with Corticosteroids. Hormone and Metabolic Research, 2001, 33, 739-743.	1.5	27
50	The expression of suppressor of cytokine signaling 1 and 3 in fat and placental tissue from women with gestational diabetes. Gynecological Endocrinology, 2012, 28, 841-844.	1.7	26
51	LC–MS-based serum fingerprinting reveals significant dysregulation of phospholipids in chronic heart failure. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 354-363.	2.8	26
52	Applying Next-Generation Sequencing Platforms for Pharmacogenomic Testing in Clinical Practice. Frontiers in Pharmacology, 2021, 12, 693453.	3.5	26
53	Interleukin 18 and transforming growth factor β1 in the serum of patients with Graves' ophthalmopathy treated with corticosteroids. International Immunopharmacology, 2003, 3, 549-552.	3.8	25
54	"Gear mechanism" of bariatric interventions revealed by untargeted metabolomics. Journal of Pharmaceutical and Biomedical Analysis, 2018, 151, 219-226.	2.8	25

#	Article	IF	Citations
55	Flow Mediated Skin Fluorescence technique reveals remarkable effect of age on microcirculation and metabolic regulation in type 1 diabetes. Microvascular Research, 2019, 124, 19-24.	2.5	25
56	Prenatal circulating microRNA signatures of foetal Down syndrome. Scientific Reports, 2019, 9, 2394.	3.3	24
57	Decreased<i>In Vitro</i>and IL-10 Production by Peripheral Blood in First Degree Relatives at High Risk of Diabetes Type-I. Hormone and Metabolic Research, 1998, 30, 526-530.	1.5	23
58	Soluble L-selectin levels in type I diabetes mellitus: a surrogate marker fordisease activity?. Immunology, 2000, 99, 320-325.	4.4	23
59	Ghrelin in Gestational Diabetes: Serum Level and mRNA Expression in Fat and Placental Tissue. Experimental and Clinical Endocrinology and Diabetes, 2010, 118, 87-92.	1.2	23
60	CEâ€MSâ€based serum fingerprinting to track evolution of type 2 diabetes mellitus. Electrophoresis, 2015, 36, 2286-2293.	2.4	23
61	Evaluation of Bisphenol A influence on endocannabinoid system in pregnant women. Chemosphere, 2018, 203, 387-392.	8.2	23
62	Metformin Interventionâ€"A Panacea for Cancer Treatment?. Cancers, 2022, 14, 1336.	3.7	23
63	Different surgical approaches in laparoscopic sleeve gastrectomy and their influence on metabolic syndrome. Medicine (United States), 2018, 97, e9699.	1.0	22
64	The MC4R genetic variants are associated with lower visceral fat accumulation and higher postprandial relative increase in carbohydrate utilization in humans. European Journal of Nutrition, 2019, 58, 2929-2941.	3.9	22
65	LC-MS-Based Metabolic Fingerprinting of Aqueous Humor. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-13.	1.6	21
66	StÄ™Å¼enie interleukiny-6, receptora dla interleukiny-6 i glikoproteiny 130 oraz cytokin zaleÅ¼nych od limfocytÃ³w Th17 u pacjentek z cukrzycÄ… ciÄ…Å¼owÄ…. Endokrynologia Polska, 2014, 65, 169-175.	1.0	21
67	The Impact of FTO Genetic Variants on Obesity and Its Metabolic Consequences is Dependent on Daily Macronutrient Intake. Nutrients, 2020, 12, 3255.	4.1	20
68	The Importance of miRNA in the Diagnosis and Prognosis of Papillary Thyroid Cancer. Journal of Clinical Medicine, 2021, 10, 4738.	2.4	20
69	The Role of Muscle Decline in Type 2 Diabetes Development: A 5-Year Prospective Observational Cohort Study. Nutrients, 2019, 11, 834.	4.1	19
70	Enhanced Salivary and General Oxidative Stress in Hashimotoâ€™s Thyroiditis Women in Euthyreosis. Journal of Clinical Medicine, 2020, 9, 2102.	2.4	19
71	In Vitro Interleukin-13 Production by Peripheral Blood in Patients with Newly Diagnosed Insulin-Dependent Diabetes Mellitus and Their First Degree Relatives. Scandinavian Journal of Immunology, 2000, 51, 321-325.	2.7	18
72	L-selectin gene T668C mutation in type 1 diabetes patients and their first degree relatives. Immunology Letters, 2000, 74, 225-228.	2.5	18

#	Article	IF	Citations
73	HLA-DR, HLA-DQB1 and PTPN22 gene polymorphism: association with age at onset for autoimmune diabetes. Archives of Medical Science, 2012, 5, 874-878.	0.9	18
74	Systematic biobanking, novel imaging techniques, and advanced molecular analysis for precise tumor diagnosis and therapy: The Polish MOBIT project. Advances in Medical Sciences, 2017, 62, 405-413.	2.1	18
75	In-and-Out Molecular Changes Linked to the Type 2 Diabetes Remission after Bariatric Surgery: An Influence of Gut Microbes on Mitochondria Metabolism. International Journal of Molecular Sciences, 2018, 19, 3744.	4.1	18
76	Analysis of pharmaceuticals and small molecules in aqueous humor. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 23-36.	2.8	18
77	Evaluation of Energy Expenditure and Oxidation of Energy Substrates in Adult Males after Intake of Meals with Varying Fat and Carbohydrate Content. Nutrients, 2018, 10, 627.	4.1	18
78	NF-kappa B Signaling-Related Signatures Are Connected with the Mesenchymal Phenotype of Circulating Tumor Cells in Non-Metastatic Breast Cancer. Cancers, 2019, 11, 1961.	3.7	18
79	Nicotinamide inhibits enhanced in vitro production of interleukin-12 and tumour necrosis factor-Î± in peripheral whole blood of people at high risk of developing Type 1 diabetes and people with newly diagnosed Type 1 diabetes. Diabetes Research and Clinical Practice, 2000, 47, 81-86.	2.8	17
80	Retinol-binding protein 4 in adipose and placental tissue of women with gestational diabetes. Gynecological Endocrinology, 2011, 27, 1065-1069.	1.7	17
81	Generation of Functional T-Regulatory Cells in Children with Metabolic Syndrome. Archivum Immunologiae Et Therapiae Experimentalis, 2012, 60, 487-495.	2.3	17
82	To treat or not to treat: metabolomics reveals biomarkers for treatment indication in chronic lymphocytic leukaemia patients. Oncotarget, 2016, 7, 22324-22338.	1.8	17
83	Obesity, metabolic health and omics: Current status and future directions. World Journal of Diabetes, 2021, 12, 420-436.	3.5	17
84	Oxidative stress and radioiodine treatment of differentiated thyroid cancer. Scientific Reports, 2021, 11, 17126.	3.3	17
85	miRNAs as Predictive Factors in Early Diagnosis of Gestational Diabetes Mellitus. Frontiers in Endocrinology, 2022, 13, 839344.	3.5	17
86	The large increase in incidence of Type I diabetes mellitus in Poland. Diabetologia, 2001, 44, B48-B50.	6.3	16
87	Serum l-selectin and ICAM-1 in patients with Gravesâ€™ ophthalmopathy during treatment with corticosteroids. Immunology Letters, 2001, 78, 123-126.	2.5	16
88	The usefulness of glycated hemoglobin A1c (HbA1c) for identifying dysglycemic states in individuals without previously diagnosed diabetes. Advances in Medical Sciences, 2012, 57, 296-301.	2.1	16
89	Disturbances of Modulating Molecules (FOXP3, CTLA-4/CD28/B7, and CD40/CD40L) mRNA Expressions in the Orbital Tissue from Patients with Severe Gravesâ€™ Ophthalmopathy. Mediators of Inflammation, 2015, 2015, 1-9.	3.0	16
90	Medulloblastoma with transitional features between Group 3 and Group 4 is associated with good prognosis. Journal of Neuro-Oncology, 2018, 138, 231-240.	2.9	16

#	Article	IF	Citations
91	The FOXP3 rs3761547 Gene Polymorphism in Multiple Sclerosis as a Male-Specific Risk Factor. NeuroMolecular Medicine, 2018, 20, 537-543.	3.4	16
92	Characterization and annotation of oxidized glycerophosphocholines for non-targeted metabolomics with LC-QTOF-MS data. Analytica Chimica Acta, 2018, 1037, 358-368.	5.4	16
93	Oxidized glycerophosphatidylcholines in diabetes through non-targeted metabolomics: Their annotation and biological meaning. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1120, 62-70.	2.3	16
94	The role of gut microbiota (GM) and GM-related metabolites in diabetes and obesity. A review of analytical methods used to measure GM-related metabolites in fecal samples with a focus on metabolites' derivatization step. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113617.	2.8	16
95	The Association of Serum Levels of Leptin and Ghrelin with the Dietary Fat Content in Non-Obese Women with Polycystic Ovary Syndrome. Nutrients, 2020, 12, 2753.	4.1	16
96	Insulin Resistance and Endometrial Cancer: Emerging Role for microRNA. Cancers, 2020, 12, 2559.	3.7	16
97	Reduced intake of dietary antioxidants can impair antioxidant status in type 2 diabetes patients. Polish Archives of Internal Medicine, 2014, 124, 599-607.	0.4	16
98	The Type 2 Diabetes Susceptibility PROX1 Gene Variants Are Associated with Postprandial Plasma Metabolites Profile in Non-Diabetic Men. Nutrients, 2019, 11, 882.	4.1	15
99	Ceramide Content in Liver Increases Along with Insulin Resistance in Obese Patients. Journal of Clinical Medicine, 2019, 8, 2197.	2.4	15
100	Omics in Myopia. Journal of Clinical Medicine, 2020, 9, 3464.	2.4	15
101	Recent Highlights of Research on miRNAs as Early Potential Biomarkers for Cardiovascular Complications of Type 2 Diabetes Mellitus. International Journal of Molecular Sciences, 2021, 22, 3153.	4.1	15
102	The interplay between muscle mass decline, obesity, and type 2 diabetes. Polish Archives of Internal Medicine, 2019, 129, 809-816.	0.4	15
103	A proliferation-inducing ligand (APRIL) in neutrophils of patients with oral cavity squamous cell carcinoma. European Cytokine Network, 2012, 23, 93-100.	2.0	14
104	Intake of Meals Containing High Levels of Carbohydrates or High Levels of Unsaturated Fatty Acids Induces Postprandial Dysmetabolism in Young Overweight/Obese Men. BioMed Research International, 2015, 2015, 1-9.	1.9	14
105	ALK Expression Is a Novel Marker for the WNT-activated Type of Pediatric Medulloblastoma and an Indicator of Good Prognosis for Patients. American Journal of Surgical Pathology, 2017, 41, 781-787.	3.7	14
106	Untargeted metabolomics: an overview of its usefulness and future potential in prenatal diagnosis. Expert Review of Proteomics, 2018, 15, 809-816.	3.0	14
107	A Synergistic Formulation of Plant Extracts Decreases Postprandial Glucose and Insulin Peaks: Results from Two Randomized, Controlled, Cross-Over Studies Using Real-World Meals. Nutrients, 2018, 10, 956.	4.1	14
108	Analysis of chosen polymorphisms rs2476601 a/G â€" PTPN22, rs1990760 C/T â€" IFIH1, rs179247 a/G â€" TSHR in pathogenesis of autoimmune thyroid diseases in children. Autoimmunity, 2018, 51, 183-190.	2.6	14

#	Article	IF	Citations
109	The Ability of Metabolomics to Discriminate Non-Small-Cell Lung Cancer Subtypes Depends on the Stage of the Disease and the Type of Material Studied. Cancers, 2021, 13, 3314.	3.7	14
110	Phloroglucinol Strengthens the Antioxidant Barrier and Reduces Oxidative/Nitrosative Stress in Nonalcoholic Fatty Liver Disease (NAFLD). Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	4.0	14
111	Untargeted Metabolomics Analysis of the Serum Metabolic Signature of Childhood Obesity. Nutrients, 2022, 14, 214.	4.1	14
112	Diminished expression of ICOS, GITR and CTLA-4 at the mRNA level in T regulatory cells of children with newly diagnosed type 1 diabetes. Acta Biochimica Polonica, 2009, 56, 361-70.	0.5	14
113	Genomics and Metabolomics in Obesity and Type 2 Diabetes. Journal of Diabetes Research, 2016, 2016, 1-2.	2.3	13
114	The type 2 diabetes susceptibility TCF7L2 gene variants affect postprandial glucose and fat utilization in non-diabetic subjects. Diabetes and Metabolism, 2018, 44, 379-382.	2.9	13
115	Interleukin-6 and Interleukin-15 as Possible Biomarkers of the Risk of Autoimmune Diabetes Development. BioMed Research International, 2019, 2019, 1-7.	1.9	13
116	Gut Microbiome in Chronic Coronary Syndrome Patients. Journal of Clinical Medicine, 2021, 10, 5074.	2.4	13
117	Serum Levels of Interleukin-18â€"a Potential Marker of Cardiovascular Deathâ€"Could Be Determined by Genetic Predisposition. Circulation, 2003, 107, e206-7; author reply e206-7.	1.6	12
118	Overexpression of B cell-activating factor (BAFF) in neutrophils of oral cavity cancer patients â€" preliminary study. Neoplasma, 2011, 58, 211-216.	1.6	12
119	Metabolomics Reveal Altered Postprandial Lipid Metabolism After a High-Carbohydrate Meal in Men at High Genetic Risk of Diabetes. Journal of Nutrition, 2019, 149, 915-922.	2.9	12
120	In search for interplay between stool microRNAs, microbiota and short chain fatty acids in Crohnâ€™s disease - a preliminary study. BMC Gastroenterology, 2020, 20, 307.	2.0	12
121	Evaluation of Transcriptomic Regulations behind Metabolic Syndrome in Obese and Lean Subjects. International Journal of Molecular Sciences, 2020, 21, 1455.	4.1	12
122	The mRNA expression of pro- and anti-inflammatory cytokines in T regulatory cells in children with type 1 diabetes.. Folia Histochemica Et Cytobiologica, 2010, 48, 93-100.	1.5	12
123	Disturbances in some Gene Expression in T Regulatory Cells Separated from Children with Metabolic Syndrome. Scandinavian Journal of Immunology, 2010, 71, 115-122.	2.7	11
124	Development of LCâ€"QTOFâ€"MS method for human lung tissue fingerprinting. A preliminary application to nonsmall cell lung cancer. Electrophoresis, 2017, 38, 2304-2312.	2.4	11
125	Serum Metabolic Fingerprinting Identified Putatively Annotated Sphinganine Isomer as a Biomarker of Wolfram Syndrome. Journal of Proteome Research, 2017, 16, 4000-4008.	3.7	11
126	The influence of patientâ€™s age on metabolic and bariatric results of laparoscopic sleeve gastrectomy in 2-year observation. BMC Surgery, 2020, 20, 323.	1.3	11

#	Article	IF	Citations
127	Reduced expression of innate immunity-related genes in lymph node metastases of luminal breast cancer patients. Scientific Reports, 2021, 11, 5097.	3.3	11
128	The Multifactorial Progression from the Islet Autoimmunity to Type 1 Diabetes in Children. International Journal of Molecular Sciences, 2021, 22, 7493.	4.1	11
129	Insulin Increases *In Vitro* Production of Th2 Profile Cytokines in Peripheral Blood Cultures in Subjects at High Risk of Diabetes Type 1 and Patients with Newly Diagnosed IDDM. Hormone and Metabolic Research, 1999, 31, 289-292.	1.5	10
130	Î³Î´ T-cells alterations in the peripheral blood of high risk diabetes type 1 subjects with subclinical pancreatic B-cells impairment. Immunology Letters, 1999, 68, 289-293.	2.5	10
131	Post-partum evaluation of amylin in lean patients with gestational diabetes mellitus. Acta Diabetologica, 2004, 41, 1-4.	2.5	10
132	The interferon-induced helicase C domain-containing protein 1 gene variant (rs1990760) as an autoimmune-based pathology susceptibility factor. Immunobiology, 2020, 225, 151864.	1.9	10
133	Genetic Association Study of IL2RA, IFIH1, and CTLA-4 Polymorphisms With Autoimmune Thyroid Diseases and Type 1 Diabetes. Frontiers in Pediatrics, 2020, 8, 481.	1.9	10
134	Hippocampal Sectorâ€"Specific Metabolic Profiles Reflect Endogenous Strategy for Ischemia-Reperfusion Insult Resistance. Molecular Neurobiology, 2021, 58, 1621-1633.	4.0	10
135	Phloroglucinol prevents albumin glycation as well as diminishes ROS production, glycooxidative damage, nitrosative stress and inflammation in hepatocytes treated with high glucose. Biomedicine and Pharmacotherapy, 2021, 142, 111958.	5.6	10
136	Decreased CD127 Expression on CD4+ T-Cells and Elevated Frequencies of CD4+CD25+CD127â^' T-Cells in Children with Long-Lasting Type 1 Diabetes. Clinical and Developmental Immunology, 2013, 2013, 1-11.	3.3	9
137	Novel Approaches in Ovarian Cancer Research against Heterogeneity, Late Diagnosis, Drug Resistance, and Transcoelomic Metastases. International Journal of Molecular Sciences, 2019, 20, 2649.	4.1	9
138	The Differences in Postprandial Serum Concentrations of Peptides That Regulate Satiety/Hunger and Metabolism after Various Meal Intake, in Men with Normal vs. Excessive BMI. Nutrients, 2019, 11, 493.	4.1	9
139	Analysis of chosen SNVs in GPC5, CD58 and IRF8 genes in multiple sclerosis patients. Advances in Medical Sciences, 2019, 64, 230-234.	2.1	9
140	Analysis of Polymorphisms rs7093069-IL-2RA, rs7138803-FAIM2, and rs1748033-PADI4 in the Group of Adolescents With Autoimmune Thyroid Diseases. Frontiers in Endocrinology, 2020, 11, 544658.	3.5	9
141	Metabolomics Reveals Differences in Aqueous Humor Composition in Patients With and Without Pseudoexfoliation Syndrome. Frontiers in Molecular Biosciences, 2021, 8, 682600.	3.5	9
142	The first SARS-CoV-2 genetic variants of concern (VOC) in Poland: The concept of a comprehensive approach to monitoring and surveillance of emerging variants. Advances in Medical Sciences, 2021, 66, 237-245.	2.1	9
143	The association of bone turnover markers with pro- and anti-inflammatory adipokines in patients with gestational diabetes. Annals of Agricultural and Environmental Medicine, 2015, 22, 307-312.	1.0	9
144	Gas Chromatographyâ€"Mass Spectroscopy-Based Metabolomics Analysis Reveals Potential Biochemical Markers for Diagnosis of Gestational Diabetes Mellitus. Frontiers in Pharmacology, 2021, 12, 770240.	3.5	9

#	Article	IF	Citations
145	Serum C18:1-Cer as a Potential Biomarker for Early Detection of Gestational Diabetes. Journal of Clinical Medicine, 2022, 11, 384.	2.4	9
146	Decreased Expression of Thyroglobulin and Sodium Iodide Symporter Genes in Hashimoto's Thyroiditis. International Journal of Endocrinology, 2014, 2014, 1-5.	1.5	8
147	Metabolic fingerprinting of carp and rainbow trout seminal plasma. Aquaculture, 2019, 501, 178-190.	3.5	8
148	Dietary Macronutrient Intake May Influence the Effects of TCF7L2 rs7901695 Genetic Variants on Glucose Homeostasis and Obesity-Related Parameters: A Cross-Sectional Population-Based Study. Nutrients, 2021, 13, 1936.	4.1	8
149	An Association between Diet and MC4R Genetic Polymorphism, in Relation to Obesity and Metabolic Parameters—A Cross Sectional Population-Based Study. International Journal of Molecular Sciences, 2021, 22, 12044.	4.1	8
150	Circulating Nucleic Acid-Based Biomarkers of Type 2 Diabetes. International Journal of Molecular Sciences, 2022, 23, 295.	4.1	8
151	Serum Levels of Soluble TNFα Receptors (sTNFR1 and sTNFR2) During Corticosteroid Treatment in Patients with Graves' Ophthalmopathy. Immunological Investigations, 2004, 33, 61-68.	2.0	7
152	The expression of transcription factor 7-like 2 (TCF7L2) in fat and placental tissue from women with gestational diabetes. Diabetes Research and Clinical Practice, 2011, 94, e43-e46.	2.8	7
153	microRNA Expression Profile in Single Hormone Receptor-Positive Breast Cancers Is Mainly Dependent on HER2 Status—A Pilot Study. Diagnostics, 2020, 10, 617.	2.6	7
154	The Significance of Apolipoprotein E Measurement in the Screening of Fetal Down Syndrome. Journal of Clinical Medicine, 2020, 9, 3995.	2.4	7
155	The Role of Androgen Receptor and microRNA Interactions in Androgen-Dependent Diseases. International Journal of Molecular Sciences, 2022, 23, 1553.	4.1	7
156	Expression Profile and Diagnostic Significance of MicroRNAs in Papillary Thyroid Cancer. Cancers, 2022, 14, 2679.	3.7	7
157	Association of <i><scp>PTPN</scp>22</i> polymorphism and its correlation with Graves' disease susceptibility in Polish adult population—A preliminary study. Molecular Genetics & Genomic Medicine, 2019, 7, e661.	1.2	6
158	Mass spectrometry-based determination of lipids and small molecules composing adipose tissue with a focus on brown adipose tissue. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113623.	2.8	6
159	Prenatal Screening of Trisomy 21: Could Oxidative Stress Markers Play a Role?. Journal of Clinical Medicine, 2021, 10, 2382.	2.4	6
160	Macrophage deletion of Noc4l triggers endosomal TLR4/TRIF signal and leads to insulin resistance. Nature Communications, 2021, 12, 6121.	12.8	6
161	Serum miRNA Profile in Diabetic Patients With Ischemic Heart Disease as a Promising Non-Invasive Biomarker. Frontiers in Endocrinology, 2022, 13, .	3.5	6
162	CD23 Antigen Expression on B Lymphocytes and Soluble CD23 Levels in Peripheral Blood of High-Risk Type 1 Diabetes Subjects. Scandinavian Journal of Immunology, 1999, 49, 78-81.	2.7	5

#	Article	IF	Citations
163	The analysis of in vitro transforming growth factor-β1 (TGF-β1) production by peripheral blood in overt and pre-clinical type 1 diabetes mellitus. Immunology Letters, 2000, 71, 85-89.	2.5	5
164	Perspectives of Patients with Insulin-Treated Type 1 and Type 2 Diabetes on Hypoglycemia: Results of the HAT Observational Study in Central and Eastern European Countries. Diabetes Therapy, 2018, 9, 727-741.	2.5	5
165	Clusters of Glycemic Response to Oral Glucose Tolerance Tests Explain Multivariate Metabolic and Anthropometric Outcomes of Bariatric Surgery in Obese Patients. Journal of Clinical Medicine, 2019, 8, 1091.	2.4	5
166	Enhancing the efficacy of 131I therapy in non-toxic multinodular goitre with appropriate use of methimazole: an analysis of randomized controlled study. Endocrine, 2020, 67, 136-142.	2.3	5
167	Gender-related metabolic outcomes of laparoscopic sleeve gastrectomy in 6-month follow-up. Wideochirurgia I Inne Techniki Maloinwazyjne, 2020, 15, 148-156.	0.7	5
168	Anticancer Imidazoacridinone C-1311 is Effective in Androgen-Dependent and Androgen-Independent Prostate Cancer Cells. Biomedicines, 2020, 8, 292.	3.2	5
169	Atorvastatin impairs liver mitochondrial function in obese Göttingen Minipigs but heart and skeletal muscle are not affected. Scientific Reports, 2021, 11, 2167.	3.3	5
170	A Preliminary Study Showing the Impact of Genetic and Dietary Factors on GC–MS-Based Plasma Metabolome of Patients with and without PROX1-Genetic Predisposition to T2DM up to 5 Years Prior to Prediabetes Appearance. Current Issues in Molecular Biology, 2021, 43, 513-528.	2.4	5
171	Body Composition and Serum Anti-Müllerian Hormone Levels in Euthyroid Caucasian Women With Hashimoto Thyroiditis. Frontiers in Endocrinology, 2021, 12, 657752.	3.5	5
172	The efficacy of family history, genetic risk score and physical activity in distinguishing type 2 diabetes prevalence. Polish Archives of Internal Medicine, 2019, 129, 442-450.	0.4	5
173	Występowanie chorób autoimmunologicznych u pacjentów z późno ujawniającą się cukrzycą autoimmunologiczną u osób dorosłych – związek z genotypem HLA. Endokrynologia Polska, 2016, 67, 197-201.	1.0	5
174	Comparison of B-Cell Activating Factor Expression in Neutrophils in Patients with Potentially Malignant Disorders and Patients with Cancer in the Same Site. Clinical Laboratory, 2016, 62, 1507-1514.	0.5	5
175	Assessment of Ceragenins in Prevention of Damage to Voice Prostheses Caused by Candida Biofilm Formation. Pathogens, 2021, 10, 1371.	2.8	5
176	The Response of Mitochondrial Respiration and Quantity in Skeletal Muscle and Adipose Tissue to Exercise in Humans with Prediabetes. Cells, 2021, 10, 3013.	4.1	5
177	Dietary Fiber Intake May Influence the Impact of FTO Genetic Variants on Obesity Parameters and Lipid Profile–A Cohort Study of a Caucasian Population of Polish Origin. Antioxidants, 2021, 10, 1793.	5.1	5
178	Exploring microRNAs as predictive biomarkers for type 2 diabetes mellitus remission after sleeve gastrectomy: A pilot study. Obesity, 2022, 30, 435-446.	3.0	5
179	MicroRNA Profile Alterations in Parathyroid Carcinoma: Latest Updates and Perspectives. Cancers, 2022, 14, 876.	3.7	5
180	Serum metabolic fingerprinting after exposure of rats to quinolinic acid. Journal of Pharmaceutical and Biomedical Analysis, 2016, 131, 175-182.	2.8	4

#	Article	IF	Citations
181	A comparison of the International Association of Diabetes and Pregnancy Study Groups Recommendations with Former Criteria for Diagnosing Gestational Diabetes Mellitus: A Retrospective Cohort Study. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 359-366.	1.2	4
182	<i>Letter to the Editor:</i> Metabolomics of Aqueous Humor in Diabetes Mellitus. Journal of Ocular Pharmacology and Therapeutics, 2020, 36, 580-581.	1.4	4
183	Dosimetry during adjuvant 131I therapy in patients with differentiated thyroid cancer-clinical implications. Scientific Reports, 2021, 11, 13930.	3.3	4
184	Transcriptional profiling of paediatric ependymomas identifies prognostically significant groups. Journal of Pathology: Clinical Research, 2021, 7, 565-576.	3.0	4
185	Assessment of Clinical Utility of Assaying FGF-23, Klotho Protein, Osteocalcin, NTX, and Sclerostin in Patients with Primary Hyperparathyroidism. Journal of Clinical Medicine, 2021, 10, 3089.	2.4	4
186	Risk Factors for Early and Late Complications after Laparoscopic Sleeve Gastrectomy in One-Year Observation. Journal of Clinical Medicine, 2022, 11, 436.	2.4	4
187	The Increased Activity of Angiotensin-Converting Enzyme in Patients with Diabetes and Nephropathy. Hormone and Metabolic Research, 1996, 28, 250-251.	1.5	3
188	Orally Given Nicotinamide Inhibits the Decreasing of Glutathione Content in the Pancreas of Streptozotocin Diabetic Rats. Hormone and Metabolic Research, 1996, 28, 35-36.	1.5	3
189	The association between rs4684677 T/A polymorphism in preproghrelin gene and predisposition to autoimmune thyroid diseases in children. Autoimmunity, 2015, 48, 418-422.	2.6	3
190	Maternal plasma metabolic fingerprint indicative for fetal Down syndrome. Prenatal Diagnosis, 2018, 38, 876-882.	2.3	3
191	Pituitary adenoma and apoplexy during GnRH agonist treatment for IVF - case report. Gynecological Endocrinology, 2020, 36, 561-563.	1.7	3
192	Frequency of thrombophilia associated genes variants: population-based study. BMC Medical Genetics, 2020, 21, 198.	2.1	3
193	Some Common SNPs of the T-Cell Homeostasis-Related Genes Are Associated with Multiple Sclerosis, but Not with the Clinical Manifestations of the Disease, in the Polish Population. Journal of Immunology Research, 2020, 2020, 1-6.	2.2	3
194	Variants of Novel Immunomodulatory Fc Receptor Like 5 Gene Are Associated With Multiple Sclerosis Susceptibility in the Polish Population. Frontiers in Neurology, 2021, 12, 631134.	2.4	3
195	Novel Approaches to an Integrated Route for Trisomy 21 Evaluation. Biomolecules, 2021, 11, 1328.	4.0	3
196	Assessment of different markers of ovarian reserve in women with papillary thyroid cancer treated with radioactive iodine. Endocrine Connections, 2021, 10, 1283-1290.	1.9	3
197	TLR4 ligation induces expression of APRIL molecule in human neutrophils â€" a preliminary study. Folia Histochemica Et Cytobiologica, 2012, 50, 196-202.	1.5	3
198	Association between polymorphisms of a folate â€" homocysteine â€" methionine â€" SAM metabolising enzyme gene and multiple sclerosis in a Polish population. Neurologia I Neurochirurgia Polska, 2019, 53, 194-198.	1.2	3

#	Article	IF	Citations
199	The role of glucagon‑like peptide 1 in glucose homeostasis and in other aspects of human physiology. Polish Archives of Internal Medicine, 2009, 119, 743-751.	0.4	3
200	Multi-Timepoint Metabolic Fingerprinting of a Post-Episode Period of Hypoglycemia and Ketoacidosis Among Children With Type 1 Diabetes. Frontiers in Molecular Biosciences, 0, 9, .	3.5	3
201	High Density SNP Analysis of the MHC Region Reveals Multiple Loci for Type 1A Diabetes. Clinical Immunology, 2007, 123, S133.	3.2	2
202	A Proliferation-Inducing Ligand Regulation in Polymorphonuclear Neutrophils by Panax ginseng. Archivum Immunologiae Et Therapiae Experimentalis, 2020, 68, 32.	2.3	2
203	Amniotic fluid metabolic fingerprinting indicated metabolites which may play a role in the pathogenesis of foetal Down syndrome — a preliminary report. Ginekologia Polska, 2021, 92, 188-194.	0.7	2
204	Metabolomic Profile of Skeletal Muscle and Its Change Under a Mixed-Mode Exercise Intervention in Progressively Dysglycemic Subjects. Frontiers in Endocrinology, 2021, 12, 778442.	3.5	2
205	Body Composition and Serum Concentration of Thyroid Hormones in Euthyroid Men and Women from General Population. Journal of Clinical Medicine, 2022, 11, 2118.	2.4	2
206	PET/MRI-Evaluated Activation of Brown Adipose Tissue via Cold Exposure Impacts Lipid Metabolism. Metabolites, 2022, 12, 456.	2.9	2
207	Generation of T Regulatory Cells in Children with Newly Diagnosed Type 1 Diabetes Mellitus. Experimental and Clinical Endocrinology and Diabetes, 2012, 120, 101-109.	1.2	1
208	Sex-Specific Glucose Homeostasis and Anthropometric Responses to Sleeve Gastrectomy in Obese Patients. Nutrients, 2019, 11, 2408.	4.1	1
209	Formulation of a Mixture of Plant Extracts for Attenuating Postprandial Glycemia and Diet-Induced Disorders in Rats. Molecules, 2019, 24, 3669.	3.8	1
210	Clinical relevance of estimating circulating interleukin-17 and interleukin-23 during methylprednisolone therapy in Graves' orbitopathy: A preliminary study. Advances in Medical Sciences, 2021, 66, 315-320.	2.1	1
211	Compliance in diabetes — target or way to success?. Clinical Diabetology, 2016, 5, 32-39.	0.6	1
212	Comment on "Intraocular fluid biomarkers (liquid biopsy) in human diabetic retinopathy"Graefes Arch Clin Exp Ophthalmol. 2021 Jul 3. doi: 10.1007/s00417-021-05285-y. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1.	1.9	1
213	Elevated level of lysophosphatidic acid among patients with HNF1B mutations and its role in RCAD syndrome: a multiomic study. Metabolomics, 2022, 18, 15.	3.0	1
214	Future Perspectives in Oxidative Stress in Trisomy 13 and 18 Evaluation. Journal of Clinical Medicine, 2022, 11, 1787.	2.4	1
215	ERα36-High Cancer-Associated Fibroblasts as an Unfavorable Factor in Triple-Negative Breast Cancer. Cancers, 2022, 14, 2005.	3.7	1
216	Cardiovascular risk factors in mild adrenal autonomous cortisol secretion in a Caucasian population. Endocrine Connections, 2022, 11, .	1.9	1

#	Article	IF	Citations
217	Biomarkers of Abnormal Birth Weight in Pregnancy. , 2017, , 503-516.		0
218	Translational Research in Obesity and Type 2 Diabetes. , 2014, , 353-375.		0
219	To Treat or Not to Treat: Metabolomics Reveals Biomarkers for Treatment Indication in Chronic Lymphocytic Leukaemia Patients. Blood, 2015, 126, 5286-5286.	1.4	0
220	Hypercalcaemic crisis due to parathyroid adenoma of atypical location. Endokrynologia Polska, 2022, , .	1.0	0
221	High-Fat or High-Carbohydrate Mealâ€"Does It Affect the Metabolism of Men with Excess Body Weight?. Nutrients, 2022, 14, 2876.	4.1	0