Maciej Borowiec

List of Publications by Year
in descending order

70	788	567144 15	610775 24
papers	citations	h-index	g-index

71	71	71	1466
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GATA4 Mutations Are a Cause of Neonatal and Childhood-Onset Diabetes. Diabetes, 2014, 63, 2888-2894.	0.3	108
2	CAR-NK Cells in the Treatment of Solid Tumors. International Journal of Molecular Sciences, 2021, 22, 5899.	1.8	69
3	IL-33 and IL-4 impair barrier functions of human vascular endothelium via different mechanisms. Vascular Pharmacology, 2015, 73, 57-63.	1.0	40
4	Novel severe hemophilia A and moyamoya (SHAM) syndrome caused by Xq28 deletions encompassing F8 and BRCC3 genes. Blood, 2014, 123, 4002-4004.	0.6	31
5	The effect of oxidized cholesterol on barrier functions and IL-10 mRNA expression in human intestinal epithelium co-cultured with dendritic cells in the transwell system. Food and Chemical Toxicology, 2014, 69, 289-293.	1.8	24
6	Detection of bladder cancer in urine sediments by a hypermethylation panel of selected tumor suppressor genes. Cancer Biomarkers, 2017, 18, 47-59.	0.8	23
7	The Failure in the Stabilization of Glioblastoma-Derived Cell Lines: Spontaneous In Vitro Senescence as the Main Culprit. PLoS ONE, 2014, 9, e87136.	1.1	22
8	Genetic Factors of Diabetes. Archivum Immunologiae Et Therapiae Experimentalis, 2016, 64, 157-160.	1.0	22
9	Retinal Thinning as a Marker of Disease Progression in Patients With Wolfram Syndrome. Diabetes Care, 2015, 38, e36-e37.	4.3	21
10	Monogenic diabetes prevalence among Polish children-Summary of 11â€‰years-long nationwide genetic screening program. Pediatric Diabetes, 2018, 19, 53-58.	1.2	21
11	Phenotype variability and neonatal diabetes in a large family with heterozygous mutation of the glucokinase gene. Acta Diabetologica, 2011, 48, 203-208.	1.2	20
12	Abnormal serum microRNA profiles in tuberous sclerosis are normalized during treatment with everolimus: possible clinical implications. Orphanet Journal of Rare Diseases, 2016, 11, 129.	1.2	20
13	Retinal thickness as a marker of disease progression in longitudinal observation of patients with Wolfram syndrome. Acta Diabetologica, 2017, 54, 1019-1024.	1.2	19
14	Differential regulation of serum microRNA expression by HNF1Î² and HNF1Î± transcription factors. Diabetologia, 2016, 59, 1463-1473.	2.9	18
15	Optical coherence tomography and magnetic resonance imaging visual pathway evaluation in Wolfram syndrome. Developmental Medicine and Child Neurology, 2019, 61, 359-365.	1.1	18
16	Decreased FOXP3 mRNA expression in children with atopic asthma and IgE-mediated food allergy. Annals of Allergy, Asthma and Immunology, 2015, 115, 415-421.	0.5	17
17	PPIâ€G4 Glycodendrimers Upregulate TRAILâ€Induced Apoptosis in Chronic Lymphocytic Leukemia Cells. Macromolecular Bioscience, 2017, 17, 1600169.	2.1	15
18	Dendrimer-based nanoparticles for potential personalized therapy in chronic lymphocytic leukemia: Targeting the BCR-signaling pathway. International Journal of Biological Macromolecules, 2016, 88, 156-161.	3.6	14

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19	MicroRNAs Which Can Prognosticate Aggressiveness of Bladder Cancer. Cancers, 2019, 11, 1551.	1.7	14
20	A crossâ€sectional study of patients referred for <scp> HNF1B </scp> â€MODY genetic testing due to cystic kidneys and diabetes. Pediatric Diabetes, 2020, 21, 422-430.	1.2	12
21	Leukemia Inhibitory Factor: A Potential Biomarker and Therapeutic Target in Pancreatic Cancer. Archivum Immunologiae Et Therapiae Experimentalis, 2021, 69, 2.	1.0	12
22	Haemophilia A and cardiovascular morbidity in a female SHAM syndrome carrier due to skewed X chromosome inactivation. European Journal of Medical Genetics, 2016, 59, 43-47.	0.7	11
23	Serum Metabolic Fingerprinting Identified Putatively Annotated Sphinganine Isomer as a Biomarker of Wolfram Syndrome. Journal of Proteome Research, 2017, 16, 4000-4008.	1.8	11
24	Blockage of Wnt/Î²â€Catenin Signaling by Nanoparticles Reduces Survival and Proliferation of CLL Cells In Vitroâ€”Preliminary Study. Macromolecular Bioscience, 2017, 17, 1700130.	2.1	11
25	Neurotoxicity of poly(propylene imine) glycodendrimers. Drug and Chemical Toxicology, 2022, 45, 1484-1492.	1.2	11
26	Maltotriose-modified poly(propylene imine) Glycodendrimers as a potential novel platform in the treatment of chronic lymphocytic Leukemia. A proof-of-concept pilot study in the animal model of CLL. Toxicology and Applied Pharmacology, 2020, 403, 115139.	1.3	11
27	The effect of interleukin-35 on the integrity, ICAM-1 expression and apoptosis of human aortic smooth muscle cells. Pharmacological Reports, 2015, 67, 376-381.	1.5	10
28	Next-Generation Sequencing in the Diagnosis of Patients with Bardetâ€“Biedl Syndromeâ€”New Variants and Relationship with Hyperglycemia and Insulin Resistance. Genes, 2020, 11, 1283.	1.0	10
29	Central Nervous System PET-CT Imaging Reveals Regional Impairments in Pediatric Patients with Wolfram Syndrome. PLoS ONE, 2014, 9, e115605.	1.1	9
30	Cell-free fetal DNA testing in prenatal diagnosis: Recommendations of the Polish Gynecological Society and the Polish Human Genetics Society. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 214, 190-191.	0.5	9
31	Affecting NF-ÎºB cell signaling pathway in chronic lymphocytic leukemia by dendrimers-based nanoparticles. Toxicology and Applied Pharmacology, 2018, 357, 33-38.	1.3	9
32	Glycodendrimer PPI as a Potential Drug in Chronic Lymphocytic Leukaemia. The Influence of Glycodendrimer on Apoptosis in In Vitro B-CLL Cells Defined by Microarrays. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 102-114.	0.9	9
33	Chromosome 18q deletion syndrome with autoimmune diabetes mellitus: putative genomic loci for autoimmunity and immunodeficiency. Pediatric Diabetes, 2016, 17, 153-159.	1.2	7
34	Polymorphism in IKZF1 gene affects clinical outcome in diffuse large B-cell lymphoma. International Journal of Hematology, 2017, 106, 794-800.	0.7	6
35	Usefulness of droplet digital PCR and Sanger sequencing for detection of FGFR3 mutation in bladder cancer. Urologic Oncology: Seminars and Original Investigations, 2019, 37, 907-915.	0.8	6
36	Anti-Tumour Activity of Glycodendrimer Nanoparticles in a Subcutaneous MEC-1 Xenograft Model of Human Chronic Lymphocytic Leukemia. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 325-334.	0.9	6

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37	Impact of -1607 1G/2G MMP1 gene polymorphism on the morbidity and clinical course of chronic rhinosinusitis with nasal polyps. Otolaryngologia Polska, 2016, 70, 24-33.	0.2	6
38	Glucocorticoids Induce Partial Remission of Focal Segmental Glomerulosclerosis but Not Interstitial Nephritis in COVID-19 Acute Kidney Injury in an APOL1 Low-Risk Genotype White Patient. American Journal of Case Reports, 2021, 22, e933462.	0.3	6
39	Immune Dysregulation in Patients With Chromosome 18q Deletionsâ€"Searching for Putative Loci for Autoimmunity and Immunodeficiency. Frontiers in Immunology, 2021, 12, 742834.	2.2	6
40	Multiomic analysis on human cell model of wolfram syndrome reveals changes in mitochondrial morphology and function. Cell Communication and Signaling, 2021, 19, 116.	2.7	6
41	One-step nucleic acid amplification testing in medullary thyroid cancer lymph nodes: a case series. Archives of Medical Science, 2015, 1, 137-141.	0.4	5
42	Comparison of Glomerular Filtration Rate Estimation from Serum Creatinine and Cystatin C in HNF1A-MODY and Other Types of Diabetes. Journal of Diabetes Research, 2015, 2015, 1-5.	1.0	5
43	Identification of placental genes linked to selective intrauterine growth restriction (IUGR) in dichorionic twin pregnancies: gene expression profiling study. Human Genetics, 2019, 138, 649-659.	1.8	5
44	Expression of Transcript Variants of PTGS1 and PTGS2 Genes among Patients with Chronic Rhinosinusitis with Nasal Polyps. Diagnostics, 2021, 11, 135.	1.3	5
45	Fetal Nasal Bone Hypoplasia in the Second Trimester as a Marker of Multiple Genetic Syndromes. Journal of Clinical Medicine, 2022, 11, 1513.	1.0	5
46	Perforin gene variation influences survival in childhood acute lymphoblastic leukemia. Leukemia Research, 2018, 65, 29-33.	0.4	4
47	IL-22 modulates inflammatory properties of human primary aortic smooth muscle cells. Advances in Clinical and Experimental Medicine, 2017, 26, 461-466.	0.6	4
48	Alkaptonuria in a boy with type 1 diabetes mellitus, vitiligo, autoimmune thyroiditis and immunoglobulin A deficiency â€“ a case report. Pediatric Endocrinology, Diabetes and Metabolism, 2016, 22, 71-75.	0.3	4
49	Case report: Neonatal diabetes mellitus with congenital hypothyroidism as a result of biallelic heterozygous mutations in <scp> GLIS3 </scp> â€‰gene. Pediatric Diabetes, 2022, 23, 668-674.	1.2	4
50	RT-qPCR-based tests for SARS-CoV-2 detection in pooled saliva samples for massive population screening to monitor epidemics. Scientific Reports, 2022, 12, 8082.	1.6	4
51	Single patient in GCK-MODY family successfully re-diagnosed into GCK-PNDM through targeted next-generation sequencing technology. Acta Diabetologica, 2016, 53, 337-338.	1.2	3
52	Screening for extremely rare pathogenic variants of monogenic diabetes using targeted panel sequencing. Endocrine, 2021, 73, 752-757.	1.1	3
53	Genetic Factors of Idiopathic Gigantomastia: Clinical Implications of Aromatase and Progesterone Receptor Polymorphisms. Journal of Clinical Medicine, 2022, 11, 642.	1.0	3
54	Escherichia coli lipopolysaccharide may affect the endothelial barrier and ILâ€10 expression of apolipoprotein B100â€pulsed dendritic cells. Apmis, 2020, 128, 10-19.	0.9	2

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55	Wolfram-like syndrome â€“ another face of a rare disease in children. Journal of Pediatric Endocrinology and Metabolism, 2022, 35, 121-124.	0.4	2
56	G870A Polymorphic Variants of CCND1 Gene and Cyclin D1 Protein Expression as Prognostic Markers in Laryngeal Lesions. Diagnostics, 2022, 12, 1059.	1.3	2
57	Collagen type III and elastin genes polymorphism and the risk of nonsyndromic striae. Journal of Cosmetic Dermatology, 2019, 18, 342-345.	0.8	1
58	Serum microRNA as indicators of Wolfram syndromeâ€™s progression in neuroimaging studies. BMJ Open Diabetes Research and Care, 2020, 8, e001379.	1.2	1
59	Clinical use of NGS data from the targeted gene panel for mitochondrial diseases screening. Computer Methods and Programs in Biomedicine, 2020, 194, 105529.	2.6	1
60	There and back again: a dendrimerâ€™s tale. Drug and Chemical Toxicology, 2022, 45, 2169-2184.	1.2	1
61	Genetic counseling in monogenic diabetes GCK MODY. Pediatric Endocrinology, Diabetes and Metabolism, 2016, 22, 54-59.	0.3	1
62	Endothelial integrity may be regulated by a specific antigen via an IgE-mediated mechanism. Postepy Higieny I Medycyny Doswiadczalnej, 2017, 71, 0-0.	0.1	1
63	Polymorphisms Of Human Leukocyte Antigen-G Gene and Clinical Outcome Of Patients With Chronic Lymphocytic Leukemia. Blood, 2013, 122, 4151-4151.	0.6	1
64	Elevated level of lysophosphatidic acid among patients with HNF1B mutations and its role in RCAD syndrome: a multiomic study. Metabolomics, 2022, 18, 15.	1.4	1
65	Bendamustine alone or with rituximab modifies expression of apoptosis-regulating genes and proteins of CLL cells, depending on IGVH mutational status. Leukemia and Lymphoma, 2019, 60, 1409-1419.	0.6	0
66	Genetic tests based on the RT-PCR reaction in the diagnostics of SARS-CoV-2 infection. Przeglad Epidemiologiczny, 2021, 75, 14-26.	0.4	0
67	HL-A*11:01, -B*51:01, -DQB1*02:02 and -DRB1*07:01 are associated with inhibitor development in boys with severe haemophilia A receiving rFVIII prophylaxis in Poland. Thrombosis Research, 2021, 202, 170-172.	0.8	0
68	Human Leukocyte Antigen-G Polymorphisms Influence Clinical Outcome in Diffuse Large B-Cell Lymphoma. Blood, 2014, 124, 1643-1643.	0.6	0
69	Psychiatric comorbidities in pediatric monogenic diabetes due to GCK mutation and their impact on the diabetes-related quality of life compared with type 1 diabetes.. Journal of the Academy of Consultation-Liaison Psychiatry, 2022, , .	0.2	0
70	Recommendations for prenatal diagnostics of the Polish Society of Gynaecologists and Obstetricians and the Polish Society of Human Genetics. Ginekologia Polska, 2022, , .	0.3	0