Beata Burzynska

List of Publications by Citations

46 papers	462 citations	12 h-index	20 g-index
49 ext. papers	577 ext. citations	3.5 avg, IF	2.8 L-index

#	Paper	IF	Citations
46	A European Spectrum of Pharmacogenomic Biomarkers: Implications for Clinical Pharmacogenomics. *PLoS ONE*, **2016**, 11, e0162866	3.7	66
45	Gene expression profiling reveals potential prognostic biomarkers associated with the progression of heart failure. *Genome Medicine*, **2015**, 7, 26	14.4	62
44	Altered gene expression pattern in peripheral blood mononuclear cells in patients with acute myocardial infarction. *PLoS ONE*, **2012**, 7, e50054	3.7	49
43	Circulating miR-30a-5p as a prognostic biomarker of left ventricular dysfunction after acute myocardial infarction. *Scientific Reports*, **2018**, 8, 9883	4.9	27
42	miR-22-5p revealed as a potential biomarker involved in the acute phase of myocardial infarction via profiling of circulating microRNAs. *Molecular Medicine Reports*, **2016**, 14, 2867-75	2.9	25
41	Bisoniana 119. Phylogeny and genetic variation of the European bison Bison bonasus based on mitochondrial DNA D-loop sequences. *Acta Theriologica*, **1999**, 44, 253-262		25
40	The effects of statins on the mevalonic acid pathway in recombinant yeast strains expressing human HMG-CoA reductase. *BMC Biotechnology*, **2013**, 13, 68	3.5	21
39	The rs12526453 Polymorphism in an Intron of the PHACTR1 Gene and Its Association with 5-Year Mortality of Patients with Myocardial Infarction. *PLoS ONE*, **2015**, 10, e0129820	3.7	15
38	Novel beta-spectrin mutations in hereditary spherocytosis associated with decreased levels of mRNA. *British Journal of Haematology*, **2009**, 146, 326-32	4.5	13
37	Investigating the effects of statins on cellular lipid metabolism using a yeast expression system. *PLoS ONE*, **2009**, 4, e8499	3.7	12
36	Compound heterozygosity of two missense mutations in the NADH-cytochrome b5 reductase gene of a Polish patient with type I recessive congenital methaemoglobinaemia. *European Journal of Haematology*, **2003**, 70, 404-9	3.8	12
35	Several mutations including two novel mutations of the glucose-6-phosphate dehydrogenase gene in Polish G6PD deficient subjects with chronic nonspherocytic hemolytic anemia, acute hemolytic anemia, and favism. *Human Mutation*, **1999**, 14, 477-84	4.7	12
34	Different statins produce highly divergent changes in gene expression profiles of human hepatoma cells: a pilot study.. *Acta Biochimica Polonica*, **2011**, 58,	2	12
33	Graphene oxide down-regulates genes of the oxidative phosphorylation complexes in a glioblastoma. *BMC Molecular Biology*, **2019**, 20, 2	4.5	11
32	A novel mutation in the glucose-6-phosphate dehydrogenase gene in a subject with chronic nonspherocytic hemolytic anemia--characterization of enzyme using yeast expression system and molecular modeling. *Blood Cells, Molecules, and Diseases*, **2004**, 32, 124-30	2.1	10
31	Different statins produce highly divergent changes in gene expression profiles of human hepatoma cells: a pilot study. *Acta Biochimica Polonica*, **2011**, 58, 635-9	2	9
30	Serum microRNA in patients undergoing atrial fibrillation ablation. *Scientific Reports*, **2020**, 10, 4424	4.9	7

29	Genotyping of Bison bonasus kappa-casein gene following DNA sequence amplification. *Animal Genetics*, **1995**, 26, 335-6	2.5	7
28	A1166C polymorphism of the angiotensin AT1 receptor (AT1R) gene alters endothelial response to statin treatment. *Clinical Chemistry and Laboratory Medicine*, **2007**, 45, 839-42	5.9	7
27	Will global transcriptome analysis allow the detection of novel prognostic markers in coronary artery disease and heart failure?. *Current Genomics*, **2013**, 14, 388-96	2.6	6
26	Transcriptional profiling of left ventricle and peripheral blood mononuclear cells in a rat model of postinfarction heart failure. *BMC Medical Genomics*, **2013**, 6, 49	3.7	5
25	Functional expression of human HMG-CoA reductase in Saccharomyces cerevisiae: a system to analyse normal and mutated versions of the enzyme in the context of statin treatment. *Journal of Applied Microbiology*, **2009**, 106, 895-902	4.7	5
24	Theoretical model of reticulocyte to erythrocyte shape transformation. *Journal of Theoretical Biology*, **2006**, 243, 24-38	2.3	5
23	Two novel C-terminal frameshift mutations in the Eglobin gene lead to rapid mRNA decay. *BMC Medical Genetics*, **2017**, 18, 65	2.1	4
22	The use of real-time PCR technique in the detection of novel protein 4.2 gene mutations that coexist with thalassaemia alpha in a single patient. *European Journal of Haematology*, **2009**, 83, 373-7	3.8	4
21	Diversity of thalassemia variants in Poland - screening by real-time PCR. *Acta Haematologica*, **2008**, 120, 153-7	2.7	4
20	Hereditary xerocytosis - spectrum and clinical manifestations of variants in the PIEZO1 gene, including co-occurrence with a novel Eglobin mutation. *Blood Cells, Molecules, and Diseases*, **2020**, 80, 102378	2.1	4
19	Genetically modified C3A cells with restored urea cycle for improved bioartificial liver. *Biocybernetics and Biomedical Engineering*, **2020**, 40, 378-387	5.7	3
18	Coexistence of Gilbert syndrome with hereditary haemolytic anaemias. *Journal of Clinical Pathology* , **2012**, 65, 663-5	3.9	3
17	Interindividual variability of atorvastatin treatment influence on the MPO gene expression in patients after acute myocardial infarction. *Acta Biochimica Polonica*, **2016**, 63, 89-95	2	3
16	Characterization of a novel mutation in the NADH-cytochrome b5 reductase gene responsible for rare hereditary methaemoglobinaemia type I. *Acta Haematologica*, **2013**, 130, 122-5	2.7	2
15	Theoretical model of thalassemic erythrocyte shape transformation. *Journal of Theoretical Biology*, **2008**, 254, 575-9	2.3	2
14	Genetic engineering and molecular characterization of yeast strain expressing hybrid human-yeast squalene synthase as a tool for anti-cholesterol drug assessment. *Journal of Applied Microbiology*, **2016**, 120, 877-88	4.7	2
13	The first reported case of G6PD deficiency due to Seoul mutation in Poland. *Annals of Hematology*, **2014**, 93, 879-80	3	1
12	Trudnoci w rozpoznawaniu niedokrwistoci hemolitycznej talasemia u 16-letniego chopca. *Pediatria Polska*, **2007**, 82, 68-71	0.1	1

11	Talasemia – przyczyna niedokrwistości mikrocytarnej w Polsce – opis przypadków. *Pediatria Polska*, **2007**, 82, 151-155	0.1	1
10	Molecular and haematological studies of four families with hereditary spherocytosis resulting from band 3 deficiency. *Acta Haematologica*, **2006**, 116, 143-5	2.7	1
9	Changes in MicroRNA Expression during Rabbit Hemorrhagic Disease Virus (RHDV) Infection. *Viruses*, **2020**, 12,	6.2	1
8	Asthma and hyperbilirubinemia: a new aspect to analyze?. *Postepy Dermatologii I Alergologii*, **2019**, 36, 639-642	1.5	1
7	Molecular evidence that exercise training has beneficial effects on cardiac performance. *Annals of Translational Medicine*, **2016**, 4, 228	3.2	0
6	Expression of versican mRNA transcript to predict cardiac remodelling after myocardial infarction. *Kardiologia Polska*, **2021**, 79, 833-840	0.9	0
5	Diversity in the Expressed Genomic Host Response to Myocardial Infarction.. *Circulation Research*, **2022**, 101161CIRCRESAHA121318391	15.7	0
4	Rodzina obciążona talasemią – opis przypadku. *Pediatria Polska*, **2007**, 82, 824-827	0.1	
3	Molecular Analysis of β-Thalassemia Cases in Poland.. *Blood*, **2005**, 106, 3834-3834	2.2	
2	Thalassemia – Increasingly Frequent Cause of Microcytic Anemias in Children in Poland. *Blood*, **2012**, 120, 5184-5184	2.2	
1	A Family Affected by a Life-Threatening Erythrocyte Defect Caused by Pyruvate Kinase Deficiency With Normal Iron Status: A Case Report. *Frontiers in Genetics*, **2020**, 11, 560248	4.5	