MirosÅ‚aw Bik Multanowski

List of Publications by Year
in descending order

69	883	567144 15	552653 26
papers	citations	h-index	g-index

74	74	74	1319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human Induced Pluripotent Stem Cell-Derived Microvesicles Transmit RNAs and Proteins to Recipient Mature Heart Cells Modulating Cell Fate and Behavior. Stem Cells, 2015, 33, 2748-2761.	1.4	85
2	Gene Expression Profiling in Preterm Infants: New Aspects of Bronchopulmonary Dysplasia Development. PLoS ONE, 2013, 8, e78585.	1.1	67
3	Genetic Risk Factors of Bronchopulmonary Dysplasia. Pediatric Research, 2008, 64, 682-688.	1.1	57
4	The clinical role of vascular endothelial growth factor (VEGF) system in the pathogenesis of retinopathy of prematurity. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 1467-1475.	1.0	55
5	Can untreated PKU patients escape from intellectual disability? A systematic review. Orphanet Journal of Rare Diseases, 2018, 13, 149.	1.2	36
6	Transcriptome profiling of the newborn mouse lung after hypoxia and reoxygenation: hyperoxic reoxygenation affects mTOR signaling pathway, DNA repair, and JNK-pathway regulation. Pediatric Research, 2013, 74, 536-544.	1.1	33
7	Polymorphisms of the 5,10-methylenetetrahydrofolate and the methionine synthase reductase genes as independent risk factors for spina bifida. Journal of Applied Genetics, 2003, 44, 111-3.	1.0	29
8	Plasma levels of leptin and soluble leptin receptor and polymorphisms of leptin gene -18G > A and leptin receptor genes K109R and Q223R, in survivors of childhood acute lymphoblastic leukemia. Journal of Experimental and Clinical Cancer Research, 2011, 30, 64.	3.5	28
9	Routine use of CANTAB system for detection of neuropsychological deficits in patients with PKU. Molecular Genetics and Metabolism, 2011, 102, 210-213.	0.5	27
10	Hyperoxia induces epigenetic changes in newborn mice lungs. Free Radical Biology and Medicine, 2018, 121, 51-56.	1.3	27
11	776C>G polymorphism of the transcobalamin II gene as a risk factor for spina bifida. Molecular Genetics and Metabolism, 2003, 80, 364.	0.5	24
12	Transcriptome profiling of the newborn mouse brain after hypoxiaâ€“reoxygenation: hyperoxic reoxygenation induces inflammatory and energy failure responsive genes. Pediatric Research, 2014, 75, 517-526.	1.1	21
13	Additional genetic risk factor for death in children with acute lymphoblastic leukemia: A common polymorphism of the MTHFR gene. Pediatric Blood and Cancer, 2009, 52, 364-368.	0.8	18
14	The amino acid profile in blood plasma of young boys with autism. Psychiatria Polska, 2017, 51, 359-368.	0.2	18
15	MTRNR2L12: A Candidate Blood Marker of Early Alzheimerâ€™s Disease-Like Dementia in Adults with Down Syndrome. Journal of Alzheimer's Disease, 2015, 46, 145-150.	1.2	17
16	LAT1 gene variantsâ€”potential factors influencing the clinical course of phenylketonuria. Journal of Inherited Metabolic Disease, 2006, 29, 684-684.	1.7	16
17	New insight into the pathogenesis of retinopathy of prematurity: assessment of whole-genome expression. Pediatric Research, 2013, 73, 476-483.	1.1	16
18	Development and Maturation of the Immune System in Preterm Neonates: Results from a Whole Genome Expression Study. BioMed Research International, 2014, 2014, 1-8.	0.9	16

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19	Immune System Regulation Affected by a Murine Experimental Model of Bronchopulmonary Dysplasia: Genomic and Epigenetic Findings. Neonatology, 2019, 116, 269-277.	0.9	16
20	Untreated PKU Patients without Intellectual Disability: What Do They Teach Us?. Nutrients, 2019, 11, 2572.	1.7	16
21	Polymorphism of the thymidylate synthase gene and risk of relapse in childhood ALL. Leukemia Research, 2011, 35, 1464-1466.	0.4	15
22	Polymorphisms of SLC19A1 80 G>A, MTHFR 677 C>T, and Tandem TS Repeats Influence Pharmacokinetics, Acute Liver Toxicity, and Vomiting in Children With Acute Lymphoblastic Leukemia Treated With High Doses of Methotrexate. Frontiers in Pediatrics, 2020, 8, 307.	0.9	14
23	Brain phenylalanine measurement in patients with phenylketonuria: A serious diagnostic method or just reading tea leaves?. Molecular Genetics and Metabolism, 2007, 91, 297-298.	0.5	13
24	Methylation and Expression of FTO and PLAG1 Genes in Childhood Obesity: Insight into Anthropometric Parameters and Glucoseâ€“Lipid Metabolism. Nutrients, 2021, 13, 1683.	1.7	13
25	The Insight into Insulin-Like Growth Factors and Insulin-Like Growth-Factor-Binding Proteins and Metabolic Profile in Pediatric Obesity. Nutrients, 2021, 13, 2432.	1.7	13
26	Unfavorable Outcome of Neuroblastoma in Patients With 2p Gain. Frontiers in Oncology, 2019, 9, 1018.	1.3	12
27	Homozygosity for the rs9939609T allele of the FTO gene may have protective effect on becoming overweight in survivors of childhood acute lymphoblastic leukaemia. Journal of Genetics, 2011, 90, 365-368.	0.4	10
28	Blood phenylalanine instability strongly correlates with anxiety in phenylketonuria. Molecular Genetics and Metabolism Reports, 2018, 14, 80-82.	0.4	10
29	Severe dystonic encephalopathy without hyperphenylalaninemia associated with an 18-bp deletion within the proximal GCH1 promoter. Movement Disorders, 2011, 26, 337-340.	2.2	9
30	Hypermethylation of NRG1 gene correlates with the presence of heart defects in Downâ€™s syndrome. Journal of Genetics, 2019, 98, 1.	0.4	9
31	Short- and long-term impact of hyperoxia on the blood and retinal cellsâ€™ transcriptome in a mouse model of oxygen-induced retinopathy. Pediatric Research, 2020, 87, 485-493.	1.1	9
32	Molecular genetics of PKU in Poland and potential impact of mutations on BH4 responsiveness.. Acta Biochimica Polonica, 2013, 60, .	0.3	9
33	COVID-19 Pandemic and Patients with Rare Inherited Metabolic Disorders and Rare Autoinflammatory Diseasesâ€”Organizational Challenges from the Point of View of Healthcare Providers. Journal of Clinical Medicine, 2021, 10, 4862.	1.0	9
34	Single exon deletions in the PAH gene in Polish PKU-patients. Molecular Genetics and Metabolism, 2008, 94, 267.	0.5	7
35	Hypoxiaâ€“Reoxygenation Affects Whole-Genome Expression in the Newborn Eye. , 2014, 55, 1393.		7
36	The Use of d2 and Benton Tests for Assessment of Attention Deficits and Visual Memory in Teenagers with Phenylketonuria. JIMD Reports, 2017, 40, 23-29.	0.7	7

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37	Molecular genetics of PKU in Poland and potential impact of mutations on BH4 responsiveness. Acta Biochimica Polonica, 2013, 60, 613-6.	0.3	7
38	Expression of SCGB1C1 gene as a potential marker of susceptibility to upper respiratory tract infections in elite athletes â€“ a pilot study. Biology of Sport, 2016, 33, 107-110.	1.7	6
39	Dynamics of hyperphenylalaninemia and intellectual outcome in teenagers with phenylketonuria. Acta Biochimica Polonica, 2017, 64, 527-531.	0.3	6
40	Neurodegenerative changes detected by neuroimaging in aÂpatient with contiguous X-chromosome deletion syndrome encompassing BTK and TIMM8A genes. Central-European Journal of Immunology, 2018, 43, 139-147.	0.4	6
41	Impact of antenatal glucocorticosteroids on wholeâ€genome expression in preterm babies. Acta Paediatrica, International Journal of Paediatrics, 2013, 102, 349-355.	0.7	5
42	Late effects in survivors of childhood acute lymphoblastic leukemia in the context of selected gene polymorphisms. Italian Journal of Pediatrics, 2018, 44, 92.	1.0	5
43	Pulmonary vascular disease is evident in gene regulation of experimental bronchopulmonary dysplasia. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 2122-2130.	0.7	4
44	High Frequency of Fusion Gene Transcript Resulting From t(10;11)(p12;q23) Translocation in Pediatric Acute Myeloid Leukemia in Poland. Frontiers in Pediatrics, 2020, 8, 278.	0.9	4
45	Transcriptome analysis reveals dysregulation of genes involved in oxidative phosphorylation in a murine model of retinopathy of prematurity. Pediatric Research, 2020, 88, 391-397.	1.1	4
46	The Expression of Genes Related to Lipid Metabolism and Metabolic Disorders in Children before and after Hematopoietic Stem Cell Transplantationâ€”A Prospective Observational Study. Cancers, 2021, 13, 3614.	1.7	4
47	142 Vascular Endothelial Growth Factor Gene Polymorphism and The Risk of Retinopathy of Prematurity. Pediatric Research, 2004, 56, 488-488.	1.1	3
48	Blood phenylalanine clearance and BH4-responsiveness in classic phenylketonuria. Molecular Genetics and Metabolism, 2011, 103, 399-400.	0.5	3
49	A novel conserved mutation in SGCE gene in 3 unrelated patients with classical phenotype myoclonusâ€“dystonia syndrome. Neurological Research, 2013, 35, 659-662.	0.6	3
50	Genetic Background of Immune Complications after Allogeneic Hematopoietic Stem Cell Transplantation in Children. Stem Cells International, 2016, 2016, 1-6.	1.2	3
51	Long-term clinical effects of enzyme replacement therapy in MPS II. Pediatria Polska, 2017, 92, 373-377.	0.1	3
52	Carriership of the rs113883650/rs2287120 haplotype of the SLC7A5 (LAT1) gene increases the risk of obesity in infants with phenylketonuria. Molecular Genetics and Metabolism Reports, 2020, 25, 100640.	0.4	3
53	The rs113883650 variant of SLC7A5 (LAT1) gene may alter brain phenylalanine content in PKU. Molecular Genetics and Metabolism Reports, 2021, 27, 100751.	0.4	3
54	Developmental delay with hypotrophy associated with homozygous functionally relevant REV3L variant. Journal of Molecular Medicine, 2021, 99, 415-423.	1.7	3

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55	Hypermethylation of gene correlates with the presence of heart defects in Down's syndrome. Journal of Genetics, 2019, 98, .	0.4	3
56	Development of a model for assessment of phenylalanine hydroxylase activity in newborns with phenylketonuria receiving tetrahydrobiopterin: A potential for practical implementation. Molecular Genetics and Metabolism, 2008, 94, 389-390.	0.5	2
57	Case report of endoprosthesis -Y implantation in severe respiratory failure in the MPSII patient; comparison with literature data. BMC Pulmonary Medicine, 2020, 20, 99.	0.8	2
58	Comparison of whole genome expression profile between preterm and full-term newborns. Ginekologia Polska, 2017, 88, 434-441.	0.3	2
59	Concentrations of Insulin-like Growth Factors and Insulin-like Growth Factor-Binding Proteins and Respective Gene Expressions in Children before and after Hematopoietic Stem Cell Transplantation. Nutrients, 2021, 13, 4333.	1.7	2
60	Long-term trends in the prevalence of congenital heart defects in patients with Down syndrome in southern Poland. Medycyna Wieku Rozwojowego, 2019, 23, 184-189.	0.2	2
61	Additional risk factor for the development of ALL. Pediatric Blood and Cancer, 2009, 53, 515-515.	0.8	1
62	Patient's weight can decide about spending millions on enzyme replacement therapy in MPS II. Molecular Genetics and Metabolism Reports, 2016, 6, 5-7.	0.4	1
63	Intima media thickness of common carotids and abdominal aorta in children and adolescents with congenital adrenal hyperplasia due to 21-hydroxylase deficiency in relation to their genotypes. Neuroendocrinology Letters, 2017, 38, 154-162.	0.2	1
64	Zastosowanie spektroskopii magnetycznego rezonansu jÄ…drowego w celu oceny mÃ³zgowego stÄ™Å¼enia fenyloalaniny u chorych na fenyloketonuriÄ™. Pediatria Polska, 2011, 86, 250-253.	0.1	0
65	Nowa mutacja (p. Leu700Phe) w genie receptora androgenowego â€“ opis spokrewnionych pacjentek z wczesnym rozpoznaniem zespoÅ‚u caÅ‚kowitej niewraÅ¼liwoÅ›ci na androgeny. Pediatria Polska, 2015, 90, 152-154.	0.1	0
66	Choroba Gauchera â€“ zalecenia dotyczÄ…ce rozpoznawania, leczenia i monitorowania. Acta Haematologica Polonica, 2017, 48, 222-261.	0.1	0
67	Molecular karyotyping in early miscarriages: potential for the routine use of cytogenetic microarrays. Journal of Obstetrics and Gynaecology, 2018, 38, 585-586.	0.4	0
68	Management precautions for risk of obesity are necessary among infants with PKU carrying the rs113883650 variant of the LAT1 gene: A cross-sectional study. PLoS ONE, 2022, 17, e0264084.	1.1	0
69	Genetic Profiling in Children With Acute Lymphoblastic Leukemia Referred for Allogeneic Hematopoietic Stem Cell Transplantation. Cancer Control, 2022, 29, 107327482110647.	0.7	0