Andrea Soltysova

List of Publications by Year
in descending order

32	498	687363 13	713466 21
papers	citations	h-index	g-index

32	32	32	947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Type 3 inositol 1,4,5-trisphosphate receptor has antiapoptotic and proliferative role in cancer cells. Cell Death and Disease, 2019, 10, 186.	6.3	54
2	Homogentisate 1,2-dioxygenase (HGD) gene variants, their analysis and genotypeâ€“phenotype correlations in the largest cohort of patients with AKU. European Journal of Human Genetics, 2019, 27, 888-902.	2.8	54
3	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. Water Research, 2021, 199, 117167.	11.3	48
4	A novel 3D mesenchymal stem cell model of the multiple myeloma bone marrow niche: biologic and clinical applications. Oncotarget, 2016, 7, 77326-77341.	1.8	45
5	Phenylalanine hydroxylase deficiency in the Slovak population: Genotypeâ€“phenotype correlations and genotype-based predictions of BH4-responsiveness. Gene, 2013, 526, 347-355.	2.2	33
6	Sodium/calcium exchanger is upregulated by sulfide signaling, forms complex with the Î²1 and Î²3 but not Î²2 adrenergic receptors, and induces apoptosis. Pflugers Archiv European Journal of Physiology, 2014, 466, 1329-1342.	2.8	33
7	Endogenous H2S producing enzymes are involved in apoptosis induction in clear cell renal cell carcinoma. BMC Cancer, 2018, 18, 591.	2.6	33
8	Sulphide signalling potentiates apoptosis through the upâ€•regulation of <scp>IP</scp>₃ receptor types 1 and 2. Acta Physiologica, 2013, 208, 350-361.	3.8	32
9	High-level expression and purification of recombinant human growth hormone produced in soluble form in Escherichia coli. Protein Expression and Purification, 2014, 100, 40-47.	1.3	26
10	Mathematical modeling based on RT-qPCR analysis of SARS-CoV-2 in wastewater as a tool for epidemiology. Scientific Reports, 2021, 11, 19456.	3.3	24
11	Deregulation of energetic metabolism in the clear cell renal cell carcinoma: A multiple pathway analysis based on microarray profiling. International Journal of Oncology, 2015, 47, 287-295.	3.3	19
12	MARVELD2 (DFNB49) Mutations in the Hearing Impaired Central European Roma Population - Prevalence, Clinical Impact and the Common Origin. PLoS ONE, 2015, 10, e0124232.	2.5	17
13	A Study among the Genotype, Functional Alternations, and Phenotype of 9 SCN1A Mutations in Epilepsy Patients. Scientific Reports, 2020, 10, 10288.	3.3	17
14	Triptolide induces apoptosis through the SERCAâ€“3 upregulation in PC12 cells. General Physiology and Biophysics, 2014, 33, 137-144.	0.9	11
15	Monosomy 3 Influences Epithelial-Mesenchymal Transition Gene Expression in Uveal Melanoma Patients; Consequences for Liquid Biopsy. International Journal of Molecular Sciences, 2020, 21, 9651.	4.1	8
16	Augmenting Clinical Interpretability of Thiopurine Methyltransferase Laboratory Evaluation. Oncology, 2014, 86, 152-158.	1.9	7
17	Slow sulfide donor GYY4137 differentiates NG108-15 neuronal cells through different intracellular transporters than dbcAMP. Neuroscience, 2016, 325, 100-110.	2.3	6
18	Comprehensive genetic study of cystic fibrosis in Slovak patients in 25 years of genetic diagnostics. Clinical Respiratory Journal, 2018, 12, 1197-1206.	1.6	6

#	Article	IF	Citations
19	Novel SCN1A variants in Dravet syndrome and evaluating a wide approach of patient selection. General Physiology and Biophysics, 2016, 35, 333-342.	0.9	4
20	Variant c.2158-2A>G in MANBA is an important and frequent cause of hereditary hearing loss and beta-mannosidosis among the Czech and Slovak Roma population- evidence for a new ethnic-specific variant. Orphanet Journal of Rare Diseases, 2020, 15, 222.	2.7	4
21	Studying the Gene Expression of Penicillium rubens Under the Effect of Eight Essential Oils. Antibiotics, 2020, 9, 343.	3.7	3
22	Alkaptonuria in Russia. European Journal of Human Genetics, 2021, , .	2.8	3
23	Avascular necrosis of bone in childhood cancer patients: a possible role of genetic susceptibility. Bratislava Medical Journal, 2015, 116, 289-295.	0.8	2
24	Structural and Functional Impact of Seven Missense Variants of Phenylalanine Hydroxylase. Genes, 2019, 10, 459.	2.4	2
25	KIT Expression Is Regulated by DNA Methylation in Uveal Melanoma Tumors. International Journal of Molecular Sciences, 2021, 22, 10748.	4.1	2
26	Breakpoints characterisation of the genomic deletions identified by MLPA in alkaptonuria patients. European Journal of Human Genetics, 2023, 31, 485-489.	2.8	2
27	Thiopurine S-Methyltransferase Gene Polymorphisms in a Healthy Slovak Population and Pediatric Patients with Inflammatory Bowel Disease. Nucleosides, Nucleotides and Nucleic Acids, 2013, 32, 239-246.	1.1	1
28	Clinical manifestation of CDKL5 deficiency disorder and identified mutations in a cohort of Slovak patients. Epilepsy Research, 2021, 176, 106699.	1.6	1
29	Genome-wide DNA methylome and transcriptome changes induced by inorganic nanoparticles in human kidney cells after chronic exposure. Cell Biology and Toxicology, 2023, 39, 1939-1956.	5.3	1
30	APEX microarray panel for genotyping polymorphisms in cancer chemotherapy and estimation frequencies in a Slovak population. Pharmacogenomics, 2011, 12, 577-592.	1.3	0
31	Functional and structural characterisation of 5 missense mutations of the phenylalanine hydroxylase. General Physiology and Biophysics, 2017, 36, 361-371.	0.9	0
32	Analysis of gene expression in rabbit muscle. Potravinarstvo, 2014, 8, .	0.6	0