Svetlana A Limborska

List of Publications by Year
in descending order

82	3,538	257450 24	144013 57
papers	citations	h-index	g-index

83	83	83	8217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CAPN3 c.1746â€20C>G variant is hypomorphic for LGMD R1 calpain 3â€related. Human Mutation, 2022, 43, 1347-1353.	2.5	4
2	Comparative Use of Contralateral and Sham-Operated Controls Reveals Traces of a Bilateral Genetic Response in the Rat Brain after Focal Stroke. International Journal of Molecular Sciences, 2022, 23, 7308.	4.1	5
3	Pharmacotranscriptomics of peptide drugs with neuroprotective properties. Medicinal Research Reviews, 2021, 41, 754-769.	10.5	7
4	A Workflow for Selection of Single Nucleotide Polymorphic Markers for Studying of Genetics of Ischemic Stroke Outcomes. Genes, 2021, 12, 328.	2.4	6
5	Brain Protein Expression Profile Confirms the Protective Effect of the ACTH(4â€“7)PGP Peptide (Semax) in a Rat Model of Cerebral Ischemiaâ€“Reperfusion. International Journal of Molecular Sciences, 2021, 22, 6179.	4.1	10
6	Antistress Action of Melanocortin Derivatives Associated with Correction of Gene Expression Patterns in the Hippocampus of Male Rats Following Acute Stress. International Journal of Molecular Sciences, 2021, 22, 10054.	4.1	10
7	Genome-Wide RNA-Sequencing Reveals Massive Circular RNA Expression Changes of the Neurotransmission Genes in the Rat Brain after Ischemiaâ€“Reperfusion. Genes, 2021, 12, 1870.	2.4	8
8	Examination of Genetic Variants Revealed from a Rat Model of Brain Ischemia in Patients with Ischemic Stroke: A Pilot Study. Genes, 2021, 12, 1938.	2.4	2
9	Genomic Variants and Multilevel Regulation of ABCA1, ABCG1, and SCARB1 Expression in Atherogenesis. Journal of Cardiovascular Development and Disease, 2021, 8, 170.	1.6	8
10	Genome-wide sequence analyses of ethnic populations across Russia. Genomics, 2020, 112, 442-458.	2.9	19
11	Global Picture of Genetic Relatedness and the Evolution of Humankind. Biology, 2020, 9, 392.	2.8	2
12	Novel Insights into the Protective Properties of ACTH(4-7)PGP (Semax) Peptide at the Transcriptome Level Following Cerebral Ischaemiaâ€“Reperfusion in Rats. Genes, 2020, 11, 681.	2.4	17
13	Genomic landscape of the signals of positive natural selection in populations of Northern Eurasia: A view from Northern Russia. PLoS ONE, 2020, 15, e0228778.	2.5	6
14	Populationâ€based identityâ€byâ€descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 223-231.	1.7	2
15	Circular RNA as a prospective molecular tool for the study of neuroprotection in cerebral ischemia. Translational Cancer Research, 2019, 8, S126-S129.	1.0	0
16	Multi-step splicing of sphingomyelin synthase linear and circular RNAs. Gene, 2018, 654, 14-22.	2.2	8
17	Developmental stage-specific expression of genes for sphingomyelin synthase in rat brain. Cell and Tissue Research, 2018, 372, 33-40.	2.9	2
18	Genome-wide transcriptome analysis using RNA-Seq reveals a large number of differentially expressed genes in a transient MCAO rat model. BMC Genomics, 2018, 19, 655.	2.8	51

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19	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
20	Population Genetics of Latvians in the Context of Admixture between North-Eastern European Ethnic Groups. Proceedings of the Latvian Academy of Sciences, 2018, 72, 131-151.	0.1	3
21	Semax, an analog of ACTH(4â˜7), regulates expression of immune response genes during ischemic brain injury in rats. Molecular Genetics and Genomics, 2017, 292, 635-653.	2.1	17
22	Reconstructing genetic history of Siberian and Northeastern European populations. Genome Research, 2017, 27, 1-14.	5.5	87
23	Second mutation in PARK2 is absent in patients with sporadic Parkinson's disease and heterozygous exonic deletions/duplications in parkin gene. International Journal of Neuroscience, 2017, 127, 781-784.	1.6	9
24	Circular RNAsâ€”one of the enigmas of the brain. Neurogenetics, 2017, 18, 1-6.	1.4	30
25	GABA, Selank, and Olanzapine Affect the Expression of Genes Involved in GABAergic Neurotransmission in IMR-32 Cells. Frontiers in Pharmacology, 2017, 8, 89.	3.5	14
26	Non-coding RNA of human SGMS1 gene. Atherosclerosis, 2017, 263, e207.	0.8	0
27	Selank Administration Affects the Expression of Some Genes Involved in GABAergic Neurotransmission. Frontiers in Pharmacology, 2016, 7, 31.	3.5	12
28	GSTM1 copy number variation in the context of single nucleotide polymorphisms in the human GSTM cluster. Molecular Cytogenetics, 2016, 9, 30.	0.9	8
29	A New Baltic Population-Specific Human Genetic Marker in the PMCA4 Gene. Human Heredity, 2016, 82, 140-146.	0.8	1
30	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. JAMA Psychiatry, 2016, 73, 497.	11.0	51
31	Semax-Induced Changes in Growth Factor mRNA Levels in the Rat Brain on the Third Day After Ischemia. International Journal of Peptide Research and Therapeutics, 2016, 22, 197-209.	1.9	1
32	Comparative analysis of sphingomyelin synthase 1 gene expression at the transcriptional and translational levels in human tissues. Molecular and Cellular Biochemistry, 2015, 406, 91-99.	3.1	11
33	Circular RNA of the human sphingomyelin synthase 1 gene: Multiple splice variants, evolutionary conservatism and expression in different tissues. RNA Biology, 2015, 12, 1030-1042.	3.1	26
34	miRNA expression is highly sensitive to a drug therapy in Parkinson's disease. Parkinsonism and Related Disorders, 2015, 21, 72-74.	2.2	58
35	Involvement of Endocytosis and Alternative Splicing in the Formation of the Pathological Process in the Early Stages of Parkinsonâ€™s Disease. BioMed Research International, 2014, 2014, 1-6.	1.9	33
36	Pharmacogenomic assessment of cisplatin-based chemotherapy outcomes in ovarian cancer. Pharmacogenomics, 2014, 15, 329-337.	1.3	49

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37	The temporary dynamics of inflammation-related genes expression under tuftsin analog Selank action. Molecular Immunology, 2014, 58, 50-55.	2.2	9
38	The peptide semax affects the expression of genes related to the immune and vascular systems in rat brain focal ischemia: genome-wide transcriptional analysis. BMC Genomics, 2014, 15, 228.	2.8	25
39	Genetic characterization of northeastern Italian population isolates in the context of broader European genetic diversity. European Journal of Human Genetics, 2013, 21, 659-665.	2.8	64
40	The use of alternative polyadenylation in the tissue-specific regulation of human SMS1 gene expression. Molecular Biology Reports, 2013, 40, 6685-6690.	2.3	12
41	Effect of Semax and its C-terminal Fragment Pro-Gly-Pro on the Expression of VEGF Family Genes and their Receptors in Experimental Focal Ischemia of the Rat Brain. Journal of Molecular Neuroscience, 2013, 49, 328-333.	2.3	14
42	A Genome-Wide Analysis of Populations from European Russia Reveals a New Pole of Genetic Diversity in Northern Europe. PLoS ONE, 2013, 8, e58552.	2.5	32
43	Pharmacogenomics of cisplatin-based chemotherapy in ovarian cancer patients of different ethnic origins. Pharmacogenomics, 2012, 13, 171-178.	1.3	56
44	Analysis of DNA variations in GSTA and GSTM gene clusters based on the results of genome-wide data from three Russian populations taken as an example. BMC Genetics, 2012, 13, 89.	2.7	3
45	Minisatellite DNA Markers in Population Studies. , 2012, , .		0
46	Analysis of PARK2 gene exon rearrangements in Russian patients with sporadic Parkinson's disease. Movement Disorders, 2012, 27, 139-143.	3.9	7
47	Specificity of genetic diversity in D1S80 revealed by SNPâ€“VNTR haplotyping. Annals of Human Biology, 2011, 38, 564-569.	1.0	4
48	Human sphingomyelin synthase 1 gene (SMS1): Organization, multiple mRNA splice variants and expression in adult tissues. Gene, 2011, 481, 65-75.	2.2	18
49	A Polymorphism Within the Connective Tissue Growth Factor (CTGF) Gene has No Effect on Non-Invasive Markers of Beta-Cell Area and Risk of Type 2 Diabetes. Disease Markers, 2011, 31, 241-246.	1.3	6
50	Expression of inflammation-related genes in mouse spleen under tuftsin analog Selank. Regulatory Peptides, 2011, 170, 18-23.	1.9	12
51	The Effect of Semax and Its C-End Peptide PGP on the Morphology and Proliferative Activity of Rat Brain Cells During Experimental Ischemia: A Pilot Study. Journal of Molecular Neuroscience, 2011, 45, 177-185.	2.3	31
52	Semax and Pro-Gly-Pro Activate the Transcription of Neurotrophins and Their Receptor Genes after Cerebral Ischemia. Cellular and Molecular Neurobiology, 2010, 30, 71-79.	3.3	47
53	Expression analysis of suppression of tumorigenicity 13 gene in patients with Parkinson's disease. Neuroscience Letters, 2010, 473, 257-259.	2.1	7
54	Genetic Structure of Europeans: A View from the Northâ€“East. PLoS ONE, 2009, 4, e5472.	2.5	279

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55	Analysis of Allele and Haplotype Diversity Across 25 Genomic Regions in Three Eastern European Populations. Human Heredity, 2009, 68, 35-44.	0.8	6
56	Haplotype frequencies at the DRD2 locus in populations of the East European Plain. BMC Genetics, 2009, 10, 62.	2.7	10
57	Y-Chromosome distribution within the geo-linguistic landscape of northwestern Russia. European Journal of Human Genetics, 2009, 17, 1260-1273.	2.8	50
58	Expression of sphingomyelin synthase 1 gene in rat brain focal ischemia. Brain Research, 2008, 1188, 222-227.	2.2	18
59	Regional differences in the genetic variability of Finnoâ€Ugric speaking Komi populations. American Journal of Human Biology, 2007, 19, 741-750.	1.6	7
60	Effective quantitative real-time polymerase chain reaction analysis of the parkin gene (PARK2) exon 1â€“12 dosage. BMC Medical Genetics, 2007, 8, 6.	2.1	26
61	Association study of sporadic Parkinson's disease genetic risk factors in patients from Russia by APEX technology. Neuroscience Letters, 2006, 405, 212-216.	2.1	13
62	Structural organization of the human complexin 2 gene (CPLX2) and aspects of its functional activity. Gene, 2005, 359, 127-137.	2.2	8
63	Analysis of heavy neurofilament subunit gene polymorphism in Russian patients with sporadic motor neuron disease (MND). European Journal of Human Genetics, 2004, 12, 241-244.	2.8	27
64	Human gene MOB: structure specification and aspects of transcriptional activity. Gene, 2004, 338, 257-265.	2.2	18
65	Polymorphisms of D1S80 and 3â€²ApoB Minisatellite Loci in Northern Caucasus Populations. Journal of Forensic Sciences, 2004, 49, 1-3.	1.6	4
66	Polymorphisms of D1 S80 and 3'ApoB minisatellite loci in Northern Caucasus populations. Journal of Forensic Sciences, 2004, 49, 178-80.	1.6	1
67	Mutation analysis of theparkingene in Russian families with autosomal recessive juvenile parkinsonism. Movement Disorders, 2003, 18, 914-919.	3.9	26
68	Hmob3 brain-specific sequence is a part of phylogenetically conserved human MAP1B gene 3â€²-untranslated region. New Biotechnology, 2003, 20, 91-96.	2.7	5
69	Mitochondrial DNA Variations in Russian and Belorussian Populations. Human Biology, 2003, 75, 647-660.	0.2	38
70	Allele Frequencies for D1S80 (pMCT118) Locus in Some East European Populations. Journal of Forensic Sciences, 2003, 48, 1-2.	1.6	4
71	Analysis of CCR5Î”32 Geographic Distribution and Its Correlation with Some Climatic and Geographic Factors. Human Heredity, 2002, 53, 49-54.	0.8	28
72	Rapid induction of neurotrophin mRNAs in rat glial cell cultures by Semax, an adrenocorticotropic hormone analog. Neuroscience Letters, 2001, 308, 115-118.	2.1	40

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73	CuZn-superoxide dismutase gene in sporadic amyotrophic lateral sclerosis patients from Russia: Asp90Ala (D90A) mutation and novel rare polymorphism IVS3+35 A>C. Human Mutation, 2000, 16, 277-278.	2.5	3
74	The Genetic Legacy of Paleolithic Homo sapiens sapiens in Extant Europeans: A Y Chromosome Perspective. Science, 2000, 290, 1155-1159.	12.6	783
75	A novel mutation in the GTP cyclohydrolase I gene associated with a broad range of clinical presentations in a family with autosomal dominant dopa-responsive dystonia. European Journal of Neurology, 1999, 6, 605-608.	3.3	3
76	A common 3-bp deletion in theDYT1 gene in Russian families with early-onset torsion dystonia. Human Mutation, 1999, 14, 269-269.	2.5	26
77	The GTP Cyclohydrolase I Gene in Russian Families With Dopa-Responsive Dystonia. Archives of Neurology, 1998, 55, 789.	4.5	24
78	Fine Localization of the Torsion Dystonia Gene (DYT1) on Human Chromosome 9q34: YAC Map and Linkageâ€‰Disequilibrium. Genome Research, 1997, 7, 483-494.	5.5	67
79	Use of DNA fingerprinting for human population genetic studies. Molecular Genetics and Genomics, 1995, 247, 488-493.	2.4	3
80	Cloning of Alu-containing cDNAs from human fibroblasts and identification of small Alu+ poly(A)+ RNAs in a variety of human normal and tumor cells. FEBS Letters, 1987, 212, 208-212.	2.8	10
81	Ethnic Differences in Susceptibility to the Effects of Platinum- Based Chemotherapy. , 0, , .		2
82	The Role of Noncoding RNAs in Brain Cells during Rat Cerebral Ischemia. , 0, , .		0