

Svetlana A Limborska

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,538
citations

257450

24
h-index

144013

57
g-index

83
all docs

83
docs citations

83
times ranked

8217
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
2	The Genetic Legacy of Paleolithic <i>Homo sapiens sapiens</i> in Extant Europeans: A Y Chromosome Perspective. <i>Science</i> , 2000, 290, 1155-1159.	12.6	783
3	Genetic Structure of Europeans: A View from the North-East. <i>PLoS ONE</i> , 2009, 4, e5472.	2.5	279
4	Reconstructing genetic history of Siberian and Northeastern European populations. <i>Genome Research</i> , 2017, 27, 1-14.	5.5	87
5	Fine Localization of the Torsion Dystonia Gene (<i>DYT1</i>) on Human Chromosome 9q34: YAC Map and Linkage Disequilibrium. <i>Genome Research</i> , 1997, 7, 483-494.	5.5	67
6	Genetic characterization of northeastern Italian population isolates in the context of broader European genetic diversity. <i>European Journal of Human Genetics</i> , 2013, 21, 659-665.	2.8	64
7	miRNA expression is highly sensitive to a drug therapy in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 72-74.	2.2	58
8	Pharmacogenomics of cisplatin-based chemotherapy in ovarian cancer patients of different ethnic origins. <i>Pharmacogenomics</i> , 2012, 13, 171-178.	1.3	56
9	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016, 73, 497.	11.0	51
10	Genome-wide transcriptome analysis using RNA-Seq reveals a large number of differentially expressed genes in a transient MCAO rat model. <i>BMC Genomics</i> , 2018, 19, 655.	2.8	51
11	Y-Chromosome distribution within the geo-linguistic landscape of northwestern Russia. <i>European Journal of Human Genetics</i> , 2009, 17, 1260-1273.	2.8	50
12	Pharmacogenomic assessment of cisplatin-based chemotherapy outcomes in ovarian cancer. <i>Pharmacogenomics</i> , 2014, 15, 329-337.	1.3	49
13	Semax and Pro-Gly-Pro Activate the Transcription of Neurotrophins and Their Receptor Genes after Cerebral Ischemia. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 71-79.	3.3	47
14	Rapid induction of neurotrophin mRNAs in rat glial cell cultures by Semax, an adrenocorticotrophic hormone analog. <i>Neuroscience Letters</i> , 2001, 308, 115-118.	2.1	40
15	Mitochondrial DNA Variations in Russian and Belorussian Populations. <i>Human Biology</i> , 2003, 75, 647-660.	0.2	38
16	Involvement of Endocytosis and Alternative Splicing in the Formation of the Pathological Process in the Early Stages of Parkinson's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	33
17	A Genome-Wide Analysis of Populations from European Russia Reveals a New Pole of Genetic Diversity in Northern Europe. <i>PLoS ONE</i> , 2013, 8, e58552.	2.5	32
18	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. <i>Journal of Molecular Neuroscience</i> , 2011, 45, 177-185.	2.3	31

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19	Circular RNAs—“one of the enigmas of the brain. <i>Neurogenetics</i> , 2017, 18, 1-6.	1.4	30
20	Analysis of CCR5 ^{Δ32} Geographic Distribution and Its Correlation with Some Climatic and Geographic Factors. <i>Human Heredity</i> , 2002, 53, 49-54.	0.8	28
21	Analysis of heavy neurofilament subunit gene polymorphism in Russian patients with sporadic motor neuron disease (MND). <i>European Journal of Human Genetics</i> , 2004, 12, 241-244.	2.8	27
22	A common 3-bp deletion in the DYT1 gene in Russian families with early-onset torsion dystonia. <i>Human Mutation</i> , 1999, 14, 269-269.	2.5	26
23	Mutation analysis of the parkin gene in Russian families with autosomal recessive juvenile parkinsonism. <i>Movement Disorders</i> , 2003, 18, 914-919.	3.9	26
24	Effective quantitative real-time polymerase chain reaction analysis of the parkin gene (PARK2) exon 1—12 dosage. <i>BMC Medical Genetics</i> , 2007, 8, 6.	2.1	26
25	Circular RNA of the human sphingomyelin synthase 1 gene: Multiple splice variants, evolutionary conservatism and expression in different tissues. <i>RNA Biology</i> , 2015, 12, 1030-1042.	3.1	26
26	The peptide semax affects the expression of genes related to the immune and vascular systems in rat brain focal ischemia: genome-wide transcriptional analysis. <i>BMC Genomics</i> , 2014, 15, 228.	2.8	25
27	The GTP Cyclohydrolase I Gene in Russian Families With Dopa-Responsive Dystonia. <i>Archives of Neurology</i> , 1998, 55, 789.	4.5	24
28	Genome-wide sequence analyses of ethnic populations across Russia. <i>Genomics</i> , 2020, 112, 442-458.	2.9	19
29	Human gene MOB: structure specification and aspects of transcriptional activity. <i>Gene</i> , 2004, 338, 257-265.	2.2	18
30	Expression of sphingomyelin synthase 1 gene in rat brain focal ischemia. <i>Brain Research</i> , 2008, 1188, 222-227.	2.2	18
31	Human sphingomyelin synthase 1 gene (SMS1): Organization, multiple mRNA splice variants and expression in adult tissues. <i>Gene</i> , 2011, 481, 65-75.	2.2	18
32	Semax, an analog of ACTH(4~7), regulates expression of immune response genes during ischemic brain injury in rats. <i>Molecular Genetics and Genomics</i> , 2017, 292, 635-653.	2.1	17
33	Novel Insights into the Protective Properties of ACTH(4-7)PGP (Semax) Peptide at the Transcriptome Level Following Cerebral Ischaemia—Reperfusion in Rats. <i>Genes</i> , 2020, 11, 681.	2.4	17
34	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. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 328-333.	2.3	14
35	GABA, Selank, and Olanzapine Affect the Expression of Genes Involved in GABAergic Neurotransmission in IMR-32 Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 89.	3.5	14
36	Association study of sporadic Parkinson's disease genetic risk factors in patients from Russia by APEX technology. <i>Neuroscience Letters</i> , 2006, 405, 212-216.	2.1	13

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37	Expression of inflammation-related genes in mouse spleen under tuftsin analog Selank. <i>Regulatory Peptides</i> , 2011, 170, 18-23.	1.9	12
38	The use of alternative polyadenylation in the tissue-specific regulation of human SMS1 gene expression. <i>Molecular Biology Reports</i> , 2013, 40, 6685-6690.	2.3	12
39	Selank Administration Affects the Expression of Some Genes Involved in GABAergic Neurotransmission. <i>Frontiers in Pharmacology</i> , 2016, 7, 31.	3.5	12
40	Comparative analysis of sphingomyelin synthase 1 gene expression at the transcriptional and translational levels in human tissues. <i>Molecular and Cellular Biochemistry</i> , 2015, 406, 91-99.	3.1	11
41	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. <i>FEBS Letters</i> , 1987, 212, 208-212.	2.8	10
42	Haplotype frequencies at the DRD2 locus in populations of the East European Plain. <i>BMC Genetics</i> , 2009, 10, 62.	2.7	10
43	Brain Protein Expression Profile Confirms the Protective Effect of the ACTH(4-7)PGP Peptide (Semax) in a Rat Model of Cerebral Ischemia-Reperfusion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6179.	4.1	10
44	Antistress Action of Melanocortin Derivatives Associated with Correction of Gene Expression Patterns in the Hippocampus of Male Rats Following Acute Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10054.	4.1	10
45	The temporary dynamics of inflammation-related genes expression under tuftsin analog Selank action. <i>Molecular Immunology</i> , 2014, 58, 50-55.	2.2	9
46	Second mutation in PARK2 is absent in patients with sporadic Parkinson's disease and heterozygous exonic deletions/duplications in parkin gene. <i>International Journal of Neuroscience</i> , 2017, 127, 781-784.	1.6	9
47	Structural organization of the human complexin 2 gene (CPLX2) and aspects of its functional activity. <i>Gene</i> , 2005, 359, 127-137.	2.2	8
48	GSTM1 copy number variation in the context of single nucleotide polymorphisms in the human GSTM cluster. <i>Molecular Cytogenetics</i> , 2016, 9, 30.	0.9	8
49	Multi-step splicing of sphingomyelin synthase linear and circular RNAs. <i>Gene</i> , 2018, 654, 14-22.	2.2	8
50	Genome-Wide RNA-Sequencing Reveals Massive Circular RNA Expression Changes of the Neurotransmission Genes in the Rat Brain after Ischemia-Reperfusion. <i>Genes</i> , 2021, 12, 1870.	2.4	8
51	Genomic Variants and Multilevel Regulation of ABCA1, ABCG1, and SCARB1 Expression in Atherogenesis. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 170.	1.6	8
52	Regional differences in the genetic variability of Finno-Ugric speaking Komi populations. <i>American Journal of Human Biology</i> , 2007, 19, 741-750.	1.6	7
53	Expression analysis of suppression of tumorigenicity 13 gene in patients with Parkinson's disease. <i>Neuroscience Letters</i> , 2010, 473, 257-259.	2.1	7
54	Analysis of PARK2 gene exon rearrangements in Russian patients with sporadic Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 139-143.	3.9	7

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55	Pharmacotranscriptomics of peptide drugs with neuroprotective properties. <i>Medicinal Research Reviews</i> , 2021, 41, 754-769.	10.5	7
56	Analysis of Allele and Haplotype Diversity Across 25 Genomic Regions in Three Eastern European Populations. <i>Human Heredity</i> , 2009, 68, 35-44.	0.8	6
57	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. <i>Disease Markers</i> , 2011, 31, 241-246.	1.3	6
58	Genomic landscape of the signals of positive natural selection in populations of Northern Eurasia: A view from Northern Russia. <i>PLoS ONE</i> , 2020, 15, e0228778.	2.5	6
59	A Workflow for Selection of Single Nucleotide Polymorphic Markers for Studying of Genetics of Ischemic Stroke Outcomes. <i>Genes</i> , 2021, 12, 328.	2.4	6
60	Hmcb3 brain-specific sequence is a part of phylogenetically conserved human MAP1B gene 3' untranslated region. <i>New Biotechnology</i> , 2003, 20, 91-96.	2.7	5
61	Comparative Use of Contralateral and Sham-Operated Controls Reveals Traces of a Bilateral Genetic Response in the Rat Brain after Focal Stroke. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7308.	4.1	5
62	Specificity of genetic diversity in D1S80 revealed by SNP-VNTR haplotyping. <i>Annals of Human Biology</i> , 2011, 38, 564-569.	1.0	4
63	Allele Frequencies for D1S80 (pMCT118) Locus in Some East European Populations. <i>Journal of Forensic Sciences</i> , 2003, 48, 1-2.	1.6	4
64	Polymorphisms of D1S80 and ApoB Minisatellite Loci in Northern Caucasus Populations. <i>Journal of Forensic Sciences</i> , 2004, 49, 1-3.	1.6	4
65	<i>CAPN3</i> c.1746G variant is hypomorphic for LGMD R1 calpain related. <i>Human Mutation</i> , 2022, 43, 1347-1353.	2.5	4
66	Use of DNA fingerprinting for human population genetic studies. <i>Molecular Genetics and Genomics</i> , 1995, 247, 488-493.	2.4	3
67	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. <i>European Journal of Neurology</i> , 1999, 6, 605-608.	3.3	3
68	CuZn-superoxide dismutase gene in sporadic amyotrophic lateral sclerosis patients from Russia: Asp90Ala (D90A) mutation and novel rare polymorphism IVS3+35 A>C. <i>Human Mutation</i> , 2000, 16, 277-278.	2.5	3
69	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. <i>BMC Genetics</i> , 2012, 13, 89.	2.7	3
70	Population Genetics of Latvians in the Context of Admixture between North-Eastern European Ethnic Groups. <i>Proceedings of the Latvian Academy of Sciences</i> , 2018, 72, 131-151.	0.1	3
71	Developmental stage-specific expression of genes for sphingomyelin synthase in rat brain. <i>Cell and Tissue Research</i> , 2018, 372, 33-40.	2.9	2
72	Ethnic Differences in Susceptibility to the Effects of Platinum- Based Chemotherapy. , 0, , .		2

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73	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 223-231.	1.7	2
74	Global Picture of Genetic Relatedness and the Evolution of Humankind. <i>Biology</i> , 2020, 9, 392.	2.8	2
75	Examination of Genetic Variants Revealed from a Rat Model of Brain Ischemia in Patients with Ischemic Stroke: A Pilot Study. <i>Genes</i> , 2021, 12, 1938.	2.4	2
76	A New Baltic Population-Specific Human Genetic Marker in the <i>PMCA4</i> Gene. <i>Human Heredity</i> , 2016, 82, 140-146.	0.8	1
77	Semax-Induced Changes in Growth Factor mRNA Levels in the Rat Brain on the Third Day After Ischemia. <i>International Journal of Peptide Research and Therapeutics</i> , 2016, 22, 197-209.	1.9	1
78	Polymorphisms of D1 S80 and 3'ApoB minisatellite loci in Northern Caucasus populations. <i>Journal of Forensic Sciences</i> , 2004, 49, 178-80.	1.6	1
79	Minisatellite DNA Markers in Population Studies. , 2012, , .		0
80	The Role of Noncoding RNAs in Brain Cells during Rat Cerebral Ischemia. , 0, , .		0
81	Non-coding RNA of human SGMS1 gene. <i>Atherosclerosis</i> , 2017, 263, e207.	0.8	0
82	Circular RNA as a prospective molecular tool for the study of neuroprotection in cerebral ischemia. <i>Translational Cancer Research</i> , 2019, 8, S126-S129.	1.0	0