

Svetlana N Konovalova

List of Publications by Year in descending order

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13
papers

382
citations

1040056

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1125743

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docs citations

14
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial aminoacyl-tRNA synthetases in human disease. <i>Molecular Genetics and Metabolism</i> , 2013, 108, 206-211.	1.1	133
2	Structural modeling of tissue-specific mitochondrial alanyl-tRNA synthetase (AARS2) defects predicts differential effects on aminoacylation. <i>Frontiers in Genetics</i> , 2015, 6, 21.	2.3	46
3	Targeted next-generation sequencing reveals further genetic heterogeneity in axonal Charcot-Marie-Tooth neuropathy and a mutation in HSPB1. <i>European Journal of Human Genetics</i> , 2014, 22, 522-527.	2.8	33
4	Editing activity for eliminating mischarged tRNAs is essential in mammalian mitochondria. <i>Nucleic Acids Research</i> , 2018, 46, 849-860.	14.5	30
5	Variability of the Tick-Borne Encephalitis Virus Genome in the 5' Noncoding Region Derived from Ticks <i>Ixodes persulcatus</i> and <i>Ixodes pavlovskyi</i> in Western Siberia. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 365-375.	1.5	29
6	Truncated HSPB1 causes axonal neuropathy and impairs tolerance to unfolded protein stress. <i>BBA Clinical</i> , 2015, 3, 233-242.	4.1	26
7	Redox regulation of GRPEL2 nucleotide exchange factor for mitochondrial HSP70 chaperone. <i>Redox Biology</i> , 2018, 19, 37-45.	9.0	25
8	Instability of the mitochondrial alanyl-tRNA synthetase underlies fatal infantile-onset cardiomyopathy. <i>Human Molecular Genetics</i> , 2019, 28, 258-268.	2.9	19
9	Exposure to arginine analog canavanine induces aberrant mitochondrial translation products, mitoribosome stalling, and instability of the mitochondrial proteome. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 268-274.	2.8	16
10	Variability in the 3' untranslated regions of the genomes of the different tick-borne encephalitis virus subtypes. <i>Virus Genes</i> , 2019, 55, 448-457.	1.6	9
11	Analysis of Mitochondrial Respiratory Chain Complexes in Cultured Human Cells using Blue Native Polyacrylamide Gel Electrophoresis and Immunoblotting. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	9
12	Adaptation of tick-borne encephalitis virus from human brain to different cell cultures induces multiple genomic substitutions. <i>Archives of Virology</i> , 2017, 162, 3151-3156.	2.1	5
13	Analysis of Mitochondrial Protein Synthesis: De Novo Translation, Steady-State Levels, and Assembled OXPHOS Complexes. <i>Current Protocols in Toxicology</i> / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2018, 77, e56.	1.1	2