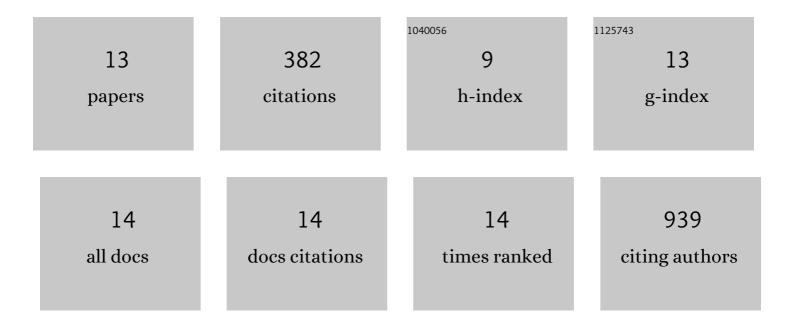
Svetlana N Konovalova

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mitochondrial aminoacyl-tRNA synthetases in human disease. Molecular Genetics and Metabolism, 2013, 108, 206-211.	1.1	133
2	Structural modeling of tissue-specific mitochondrial alanyl-tRNA synthetase (AARS2) defects predicts differential effects on aminoacylation. Frontiers in Genetics, 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. European Journal of Human Genetics, 2014, 22, 522-527.	2.8	33
4	Editing activity for eliminating mischarged tRNAs is essential in mammalian mitochondria. Nucleic Acids Research, 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>lxodes persulcatus</i> and <i>lxodes pavlovskyi</i> in Western Siberia. Vector-Borne and Zoonotic Diseases, 2010, 10, 365-375.	1.5	29
6	Truncated HSPB1 causes axonal neuropathy and impairs tolerance to unfolded protein stress. BBA Clinical, 2015, 3, 233-242.	4.1	26
7	Redox regulation of GRPEL2 nucleotide exchange factor for mitochondrial HSP70 chaperone. Redox Biology, 2018, 19, 37-45.	9.0	25
8	Instability of the mitochondrial alanyl-tRNA synthetase underlies fatal infantile-onset cardiomyopathy. Human Molecular Genetics, 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. International Journal of Biochemistry and Cell Biology, 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. Virus Genes, 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. Journal of Visualized Experiments, 2019, , .	0.3	9
12	Adaptation of tick-borne encephalitis virus from human brain to different cell cultures induces multiple genomic substitutions. Archives of Virology, 2017, 162, 3151-3156.	2.1	5
13	Analysis of Mitochondrial Protein Synthesis: De Novo Translation, Steadyâ€5tate Levels, and Assembled OXPHOS Complexes. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al 1, 2018, 27, e56	1.1	2