Svetlana Konovalova

List of Publications by Year in descending order

14 papers	434 citations	840776 11 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	969 citing authors

#	Article	IF	Citations
1	Metabolic determination of cell fate through selective inheritance of mitochondria. Nature Cell Biology, 2022, 24, 148-154.	10.3	46
2	A patient with pontocerebellar hypoplasia type 6: Novel RARS2 mutations, comparison to previously published patients and clinical distinction from PEHO syndrome. European Journal of Medical Genetics, 2020, 63, 103766.	1.3	10
3	ALS and Parkinson's disease genes CHCHD10 and CHCHD2 modify synaptic transcriptomes in human iPSC-derived motor neurons. Neurobiology of Disease, 2020, 141, 104940.	4.4	24
4	Instability of the mitochondrial alanyl-tRNA synthetase underlies fatal infantile-onset cardiomyopathy. Human Molecular Genetics, 2019, 28, 258-268.	2.9	19
5	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
6	Editing activity for eliminating mischarged tRNAs is essential in mammalian mitochondria. Nucleic Acids Research, 2018, 46, 849-860.	14.5	30
7	Analysis of Mitochondrial Protein Synthesis: De Novo Translation, Steadyâ€State Levels, and Assembled OXPHOS Complexes. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2018, 77, e56.	1.1	2
8	Redox regulation of GRPEL2 nucleotide exchange factor for mitochondrial HSP70 chaperone. Redox Biology, 2018, 19, 37-45.	9.0	25
9	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
10	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
11	Truncated HSPB1 causes axonal neuropathy and impairs tolerance to unfolded protein stress. BBA Clinical, 2015, 3, 233-242.	4.1	26
12	Targeted next-generation sequencing reveals further genetic heterogeneity in axonal Charcotâ€“Marieâ€“Tooth neuropathy and a mutation in HSPB1. European Journal of Human Genetics, 2014, 22, 522-527.	2.8	33
13	Y 3+ , La 3+ , and some bivalent metals inhibited the opening of the Tl + -induced permeability transition pore in Ca 2+ -loaded rat liver mitochondria. Journal of Inorganic Biochemistry, 2014, 141, 1-9.	3.5	15
14	Mitochondrial aminoacyl-tRNA synthetases in human disease. Molecular Genetics and Metabolism, 2013, 108, 206-211.	1.1	133