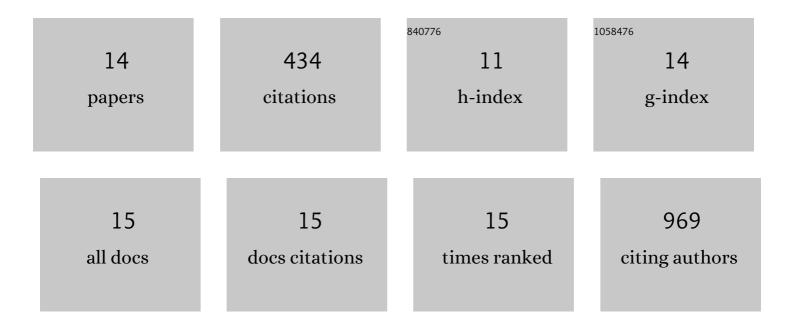
Svetlana Konovalova

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	Metabolic determination of cell fate through selective inheritance of mitochondria. Nature Cell Biology, 2022, 24, 148-154.	10.3	46
4	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
5	Editing activity for eliminating mischarged tRNAs is essential in mammalian mitochondria. Nucleic Acids Research, 2018, 46, 849-860.	14.5	30
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	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
9	Instability of the mitochondrial alanyl-tRNA synthetase underlies fatal infantile-onset cardiomyopathy. Human Molecular Genetics, 2019, 28, 258-268.	2.9	19
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	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
12	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
13	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
14	Analysis of Mitochondrial Protein Synthesis: De Novo Translation, Steadyâ€6tate 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