

Sarah F Pearce

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8593973/publications.pdf>

Version: 2024-02-01

15
papers

856
citations

687220

13
h-index

996849

15
g-index

18
all docs

18
docs citations

18
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Deficient methylation and formylation of mt-tRNA ^{Met} wobble cytosine in a patient carrying mutations in NSUN3. <i>Nature Communications</i> , 2016, 7, 12039.	5.8	178
2	Mutations in GTPBP3 Cause a Mitochondrial Translation Defect Associated with Hypertrophic Cardiomyopathy, Lactic Acidosis, and Encephalopathy. <i>American Journal of Human Genetics</i> , 2014, 95, 708-720.	2.6	123
3	MRM2 and MRM3 are involved in biogenesis of the large subunit of the mitochondrial ribosome. <i>Molecular Biology of the Cell</i> , 2014, 25, 2542-2555.	0.9	99
4	Maturation of selected human mitochondrial tRNAs requires deadenylation. <i>ELife</i> , 2017, 6, .	2.8	72
5	Mitochondrial transcript maturation and its disorders. <i>Journal of Inherited Metabolic Disease</i> , 2015, 38, 655-680.	1.7	69
6	TRNT1 deficiency: clinical, biochemical and molecular genetic features. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 90.	1.2	64
7	Mitochondrial diseases: Translation matters. <i>Molecular and Cellular Neurosciences</i> , 2013, 55, 1-12.	1.0	62
8	MPV17L2 is required for ribosome assembly in mitochondria. <i>Nucleic Acids Research</i> , 2014, 42, 8500-8515.	6.5	56
9	C6orf203 is an RNA-binding protein involved in mitochondrial protein synthesis. <i>Nucleic Acids Research</i> , 2019, 47, 9386-9399.	6.5	26
10	Metabolic shift underlies recovery in reversible infantile respiratory chain deficiency. <i>EMBO Journal</i> , 2020, 39, e105364.	3.5	26
11	MitoRibo-Tag Mice Provide a Tool for In Vivo Studies of Mitochondrial Ribosome Composition. <i>Cell Reports</i> , 2019, 29, 1728-1738.e9.	2.9	24
12	Polyadenylation in Bacteria and Organelles. <i>Methods in Molecular Biology</i> , 2014, 1125, 211-227.	0.4	23
13	Human GTPBP5 is involved in the late stage of mitochondrial ribosome large subunit assembly. <i>Nucleic Acids Research</i> , 2021, 49, 354-370.	6.5	21
14	Differential processing and localization of human Nocturnin controls metabolism of mRNA and nicotinamide adenine dinucleotide cofactors. <i>Journal of Biological Chemistry</i> , 2020, 295, 15112-15133.	1.6	6
15	Mitochondrial Ribosome Profiling from Human Cell Culture: A High Resolution View of Mitochondrial Translation. <i>Methods in Molecular Biology</i> , 2021, 2192, 183-196.	0.4	5