

Complete chemical structures of human mitochondrial

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Citation Report

#	ARTICLE	IF	CITATIONS
1	tRNA Biology in the Pathogenesis of Diabetes: Role of Genetic and Environmental Factors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 496.	1.8	9
3	Mass spectrometric analysis of mRNA 5' terminal modifications. <i>Methods in Enzymology</i> , 2021, 658, 407-418.	0.4	2
4	Mass Spectrometry-Based Methods for Characterization of Hypomodifications in Transfer RNA. <i>RNA Technologies</i> , 2021, , 555-592.	0.2	1
5	The human tRNA taurine modification enzyme GTPBP3 is an active GTPase linked to mitochondrial diseases. <i>Nucleic Acids Research</i> , 2021, 49, 2816-2834.	6.5	18
6	Human transfer RNA modopathies: diseases caused by aberrations in transfer RNA modifications. <i>FEBS Journal</i> , 2021, 288, 7096-7122.	2.2	58
7	The expanding world of tRNA modifications and their disease relevance. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 375-392.	16.1	282
8	Loss of Ftsj1 perturbs codon-specific translation efficiency in the brain and is associated with X-linked intellectual disability. <i>Science Advances</i> , 2021, 7, .	4.7	30
9	Bioinformatic Prediction of an tRNasec Gene Nested inside an Elongation Factor SelB Gene in Alphaproteobacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4605.	1.8	2
10	Tissue-specific reprogramming of host tRNA transcriptome by the microbiome. <i>Genome Research</i> , 2021, 31, 947-957.	2.4	11
11	Ablation of Mto1 in zebrafish exhibited hypertrophic cardiomyopathy manifested by mitochondrion RNA maturation deficiency. <i>Nucleic Acids Research</i> , 2021, 49, 4689-4704.	6.5	9
13	The human tRNA-guanine transglycosylase displays promiscuous nucleobase preference but strict tRNA specificity. <i>Nucleic Acids Research</i> , 2021, 49, 4877-4890.	6.5	8
15	Mitochondrial noncoding RNAs: new wine in an old bottle. <i>RNA Biology</i> , 2021, 18, 2168-2182.	1.5	14
16	Structural and functional insights into human tRNA guanine transglycosylase. <i>RNA Biology</i> , 2021, 18, 382-396.	1.5	14
17	RNA-Cleaving Deoxyribozymes Differentiate Methylated Cytidine Isomers in RNA. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19058-19062.	7.2	13
18	Human Mitochondrial RNA Processing and Modifications: Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7999.	1.8	24
19	Mechanistic insights into mitochondrial tRNAAla 3'-end metabolism deficiency. <i>Journal of Biological Chemistry</i> , 2021, 297, 100816.	1.6	15
20	RNA-Cleaving Deoxyribozymes Differentiate Methylated Cytidine Isomers in RNA. <i>Angewandte Chemie</i> , 2021, 133, 19206-19210.	1.6	1
21	Micro-flow hydrophilic interaction liquid chromatography coupled with triple quadrupole mass spectrometry detects modified nucleosides in the transfer RNA pool of cyanobacteria. <i>Journal of Separation Science</i> , 2021, 44, 3208-3218.	1.3	3

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22	Queuine, a bacterial-derived hypermodified nucleobase, shows protection in in vitro models of neurodegeneration. PLoS ONE, 2021, 16, e0253216.	1.1	14
23	Tissue-specific expression atlas of murine mitochondrial tRNAs. Journal of Biological Chemistry, 2021, 297, 100960.	1.6	14
24	RelA-SpoT Homolog toxins pyrophosphorylate the CCA end of tRNA to inhibit protein synthesis. Molecular Cell, 2021, 81, 3160-3170.e9.	4.5	26
25	Potential biomarkers and targets of mitochondrial dynamics. Clinical and Translational Medicine, 2021, 11, e529.	1.7	18
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42	Pathogenic SLC25A26 variants impair SAH transport activity causing mitochondrial disease. <i>Human Molecular Genetics</i> , 2022, 31, 2049-2062.	1.4	3
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64	m1A RNA Modification in Gene Expression Regulation. <i>Genes</i> , 2022, 13, 910.	1.0	28
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