# Pedro Rebelo-Guiomar

List of Publications by Year
in descending order



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|---|---|---|---|
| 17 papers | 1,208 citations | 687220 13 h-index | 887953 17 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 1796 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A late-stage assembly checkpoint of the human mitochondrial ribosome large subunit. Nature Communications, 2022, 13, 929. | 5.8 | 13 |
| 2 | YbeY is required for ribosome small subunit assembly and tRNA processing in human mitochondria. Nucleic Acids Research, 2021, 49, 5798-5812. | 6.5 | 8 |
| 3 | Quantitative density gradient analysis by mass spectrometry (qDGMS) and complexome profiling analysis (ComPrAn) R package for the study of macromolecular complexes. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148399. | 0.5 | 16 |
| 4 | Cardiac mitochondrial function depends on BUD23 mediated ribosome programming. ELife, 2020, 9, . | 2.8 | 10 |
| 5 | METTL15 introduces N4-methylcytidine into human mitochondrial 12S rRNA and is required for mitoribosome biogenesis. Nucleic Acids Research, 2019, 47, 10267-10281. | 6.5 | 70 |
| 6 | Mutations inELAC2associated with hypertrophic cardiomyopathy impair mitochondrial tRNA 3â€²â€end processing. Human Mutation, 2019, 40, 1731-1748. | 1.1 | 31 |
| 7 | The mammalian mitochondrial epitranscriptome. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 429-446. | 0.9 | 40 |
| 8 | Linear mitochondrial DNA is rapidly degraded by components of the replication machinery. Nature Communications, 2018, 9, 1727. | 5.8 | 151 |
| 9 | Variants in PUS7 Cause Intellectual Disability with Speech Delay, Microcephaly, Short Stature, and Aggressive Behavior. American Journal of Human Genetics, 2018, 103, 1045-1052. | 2.6 | 89 |
| 10 | Pathogenic variants in glutamyl-tRNAGln amidotransferase subunits cause a lethal mitochondrial cardiomyopathy disorder. Nature Communications, 2018, 9, 4065. | 5.8 | 44 |
| 11 | Genome editing in mitochondria corrects a pathogenic mtDNA mutation in vivo. Nature Medicine, 2018, 24, 1691-1695. | 15.2 | 215 |
| 12 | The Pseudouridine Synthase RPUSD4 Is an Essential Component of Mitochondrial RNA Granules. Journal of Biological Chemistry, 2017, 292, 4519-4532. | 1.6 | 79 |
| 13 | Regulation of Mammalian Mitochondrial Gene Expression: Recent Advances. Trends in Biochemical Sciences, 2017, 42, 625-639. | 3.7 | 151 |
| 14 | Biallelic C1QBP Mutations Cause Severe Neonatal-, Childhood-, or Later-Onset Cardiomyopathy Associated with Combined Respiratory-Chain Deficiencies. American Journal of Human Genetics, 2017, 101, 525-538. | 2.6 | 58 |
| 15 | Defective mitochondrial rRNA methyltransferase MRM2 causes MELAS-like clinical syndrome. Human Molecular Genetics, 2017, 26, 4257-4266. | 1.4 | 63 |
| 16 | Maturation of selected human mitochondrial tRNAs requires deadenylation. ELife, 2017, 6, . | 2.8 | 72 |
| 17 | Near-complete elimination of mutant mtDNA by iterative or dynamic dose-controlled treatment with mtZFNs. Nucleic Acids Research, 2016, 44, 7804-7816. | 6.5 | 97 |