

Ricarda Richter-Dennerlein

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,152
citations

567281

15
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

1777
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein. <i>Cell</i> , 2016, 167, 471-483.e10.	28.9	158
2	DNAJC19, a Mitochondrial Cochaperone Associated with Cardiomyopathy, Forms a Complex with Prohibitins to Regulate Cardiolipin Remodeling. <i>Cell Metabolism</i> , 2014, 20, 158-171.	16.2	157
3	The m ⁻ AAA Protease Associated with Neurodegeneration Limits MCU Activity in Mitochondria. <i>Molecular Cell</i> , 2016, 64, 148-162.	9.7	153
4	The membrane scaffold SLP2 anchors a proteolytic hub in mitochondria containing PARL and the AAA protease YME1L. <i>EMBO Reports</i> , 2016, 17, 1844-1856.	4.5	142
5	Loss of OMA1 delays neurodegeneration by preventing stress-induced OPA1 processing in mitochondria. <i>Journal of Cell Biology</i> , 2016, 212, 157-166.	5.2	115
6	Integrating mitochondrial translation into the cellular context. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 586-592.	37.0	61
7	The human Obg protein GTPBP10 is involved in mitoribosomal biogenesis. <i>Nucleic Acids Research</i> , 2018, 46, 8471-8482.	14.5	52
8	COX16 promotes COX2 metallation and assembly during respiratory complex IV biogenesis. <i>ELife</i> , 2018, 7, .	6.0	41
9	Structural basis of GTPase-mediated mitochondrial ribosome biogenesis and recycling. <i>Nature Communications</i> , 2021, 12, 3672.	12.8	41
10	An in vitro system to silence mitochondrial gene expression. <i>Cell</i> , 2021, 184, 5824-5837.e15.	28.9	40
11	The human RNA-binding protein RBFA promotes the maturation of the mitochondrial ribosome. <i>Biochemical Journal</i> , 2017, 474, 2145-2158.	3.7	33
12	Dual function of GTPBP6 in biogenesis and recycling of human mitochondrial ribosomes. <i>Nucleic Acids Research</i> , 2020, 48, 12929-12942.	14.5	33
13	MITRAC15/COA1 promotes mitochondrial translation in a ND2 ribosome nascent chain complex. <i>EMBO Reports</i> , 2020, 21, e48833.	4.5	31
14	Role of GTPases in Driving Mitoribosome Assembly. <i>Trends in Cell Biology</i> , 2021, 31, 284-297.	7.9	24
15	The RNA methyltransferase METTL8 installs m ³ C32 in mitochondrial tRNAs ^{Thr/Ser} (UCN) to optimise tRNA structure and mitochondrial translation. <i>Nature Communications</i> , 2022, 13, 209.	12.8	19
16	Overcoming stalled translation in human mitochondria. <i>Frontiers in Microbiology</i> , 2014, 5, 374.	3.5	16
17	Defining the interactome of the human mitochondrial ribosome identifies SMIM4 and TMEM223 as respiratory chain assembly factors. <i>ELife</i> , 2021, 10, .	6.0	15
18	Hierarchical folding of the catalytic core during mitochondrial ribosome biogenesis. <i>Trends in Cell Biology</i> , 2022, 32, 182-185.	7.9	9

#	ARTICLE	IF	CITATIONS
19	Maintaining mitochondrial ribosome function: The role of ribosome rescue and recycling factors. RNA Biology, 2022, 19, 117-131.	3.1	9
20	Loss of OMA1 delays neurodegeneration by preventing stress-induced OPA1 processing in mitochondria. Journal of Experimental Medicine, 2016, 213, 2132OIA1.	8.5	0