

# Ricarda Richter-Dennerlein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1870741/publications.pdf>

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	Hierarchical folding of the catalytic core during mitochondrial ribosome biogenesis. Trends in Cell Biology, 2022, 32, 182-185.	7.9	9
2	The RNA methyltransferase METTL8 installs m <sup>3</sup> C32 in mitochondrial tRNAs <sup>Thr/Ser</sup> (UCN) to optimise tRNA structure and mitochondrial translation. Nature Communications, 2022, 13, 209.	12.8	19
3	Maintaining mitochondrial ribosome function: The role of ribosome rescue and recycling factors. RNA Biology, 2022, 19, 117-131.	3.1	9
4	Role of GTPases in Driving Mitoribosome Assembly. Trends in Cell Biology, 2021, 31, 284-297.	7.9	24
5	Structural basis of GTPase-mediated mitochondrial ribosome biogenesis and recycling. Nature Communications, 2021, 12, 3672.	12.8	41
6	An in vitro system to silence mitochondrial gene expression. Cell, 2021, 184, 5824-5837.e15.	28.9	40
7	Defining the interactome of the human mitochondrial ribosome identifies SMIM4 and TMEM223 as respiratory chain assembly factors. ELife, 2021, 10, .	6.0	15
8	MITRAC15/COA1 promotes mitochondrial translation in a ND2 ribosome nascent chain complex. EMBO Reports, 2020, 21, e48833.	4.5	31
9	Dual function of GTPBP6 in biogenesis and recycling of human mitochondrial ribosomes. Nucleic Acids Research, 2020, 48, 12929-12942.	14.5	33
10	COX16 promotes COX2 metallation and assembly during respiratory complex IV biogenesis. ELife, 2018, 7, .	6.0	41
11	The human Obg protein GTPBP10 is involved in mitoribosomal biogenesis. Nucleic Acids Research, 2018, 46, 8471-8482.	14.5	52
12	The human RNA-binding protein RBFA promotes the maturation of the mitochondrial ribosome. Biochemical Journal, 2017, 474, 2145-2158.	3.7	33
13	The membrane scaffold SLP2 anchors a proteolytic hub in mitochondria containing PARL and the AAA protease YME1L. EMBO Reports, 2016, 17, 1844-1856.	4.5	142
14	Mitochondrial Protein Synthesis Adapts to Influx of Nuclear-Encoded Protein. Cell, 2016, 167, 471-483.e10.	28.9	158
15	The m <sup>-</sup> AAA Protease Associated with Neurodegeneration Limits MCU Activity in Mitochondria. Molecular Cell, 2016, 64, 148-162.	9.7	153
16	Loss of OMA1 delays neurodegeneration by preventing stress-induced OPA1 processing in mitochondria. Journal of Cell Biology, 2016, 212, 157-166.	5.2	115
17	Loss of OMA1 delays neurodegeneration by preventing stress-induced OPA1 processing in mitochondria. Journal of Experimental Medicine, 2016, 213, 2132OIA1.	8.5	0
18	Integrating mitochondrial translation into the cellular context. Nature Reviews Molecular Cell Biology, 2015, 16, 586-592.	37.0	61

#	ARTICLE	IF	CITATIONS
19	Overcoming stalled translation in human mitochondria. <i>Frontiers in Microbiology</i> , 2014, 5, 374.	3.5	16
20	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