

# Katherine E Bohnsack

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/495418/publications.pdf>

Version: 2024-02-01

21  
papers

1,083  
citations

687220

13  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1277  
citing authors

#	ARTICLE	IF	CITATIONS
1	The human 18S rRNA m6A methyltransferase METTL5 is stabilized by TRMT112. <i>Nucleic Acids Research</i> , 2019, 47, 7719-7733.	6.5	312
2	Eukaryotic 5-methylcytosine (m5C) RNA Methyltransferases: Mechanisms, Cellular Functions, and Links to Disease. <i>Genes</i> , 2019, 10, 102.	1.0	291
3	Uncovering the assembly pathway of human ribosomes and its emerging links to disease. <i>EMBO Journal</i> , 2019, 38, e100278.	3.5	157
4	Structural basis of GTPase-mediated mitochondrial ribosome biogenesis and recycling. <i>Nature Communications</i> , 2021, 12, 3672.	5.8	41
5	Regulation of DEAH-box RNA helicases by G-patch proteins. <i>Biological Chemistry</i> , 2021, 402, 561-579.	1.2	39
6	Capture and delivery of tail-anchored proteins to the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	30
7	RNA helicase-mediated regulation of snoRNP dynamics on pre-ribosomes and rRNA 2â€²-O-methylation. <i>Nucleic Acids Research</i> , 2021, 49, 4066-4084.	6.5	26
8	The human box C/D snoRNA U3 is a miRNA source and miR-U3 regulates expression of sortin nexin 27. <i>Nucleic Acids Research</i> , 2020, 48, 8074-8089.	6.5	20
9	DEAD-box RNA helicase Dbp4/DDX10 is an enhancer of $\alpha$ -synuclein toxicity and oligomerization. <i>PLoS Genetics</i> , 2021, 17, e1009407.	1.5	19
10	Association of snR190 snoRNA chaperone with early pre-60S particles is regulated by the RNA helicase Dbp7 in yeast. <i>Nature Communications</i> , 2021, 12, 6153.	5.8	19
11	The RNA helicase Dbp7 promotes domain V/VI compaction and stabilization of inter-domain interactions during early 60S assembly. <i>Nature Communications</i> , 2021, 12, 6152.	5.8	19
12	The RNA methyltransferase METTL8 installs m3C32 in mitochondrial tRNAs <sup>Thr/Ser</sup> (UCN) to optimise tRNA structure and mitochondrial translation. <i>Nature Communications</i> , 2022, 13, 209.	5.8	19
13	The DExD box ATPase DDX55 is recruited to domain IV of the 28S ribosomal RNA by its C-terminal region. <i>RNA Biology</i> , 2021, 18, 1124-1135.	1.5	15
14	Ribosome-bound Get4/5 facilitates the capture of tail-anchored proteins by Sgt2 in yeast. <i>Nature Communications</i> , 2021, 12, 782.	5.8	14
15	The interaction of DNA repair factors ASCC2 and ASCC3 is affected by somatic cancer mutations. <i>Nature Communications</i> , 2020, 11, 5535.	5.8	12
16	Tracing Eukaryotic Ribosome Biogenesis Factors Into the Archaeal Domain Sheds Light on the Evolution of Functional Complexity. <i>Frontiers in Microbiology</i> , 2021, 12, 739000.	1.5	11
17	Roles and dynamics of 3-methylcytidine in cellular RNAs. <i>Trends in Biochemical Sciences</i> , 2022, 47, 596-608.	3.7	11
18	RNA-Binding Proteins Chaperone Ribonucleoprotein Complex Assembly to Solve the RNA-Folding Problem. <i>Cell</i> , 2019, 179, 1248-1250.	13.5	9

#	ARTICLE	IF	CITATIONS
19	Sgd1 is an MIF4G domain-containing cofactor of the RNA helicase Fal1 and associates with the 5' domain of the 18S rRNA sequence. <i>RNA Biology</i> , 2020, 17, 539-553.	1.5	8
20	Pol5 is required for recycling of small subunit biogenesis factors and for formation of the peptide exit tunnel of the large ribosomal subunit. <i>Nucleic Acids Research</i> , 2019, 48, 405-420.	6.5	7
21	Regulated targeting of the monotopic hairpin membrane protein Erg1 requires the GET pathway. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	4