

Katherine E Bohnsack

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,083
citations

687220

13
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713332

21
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docs citations

21
times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	The RNA methyltransferase METTL8 installs m ³ C ³² in mitochondrial tRNAs ^{Thr/Ser} (UCN) to optimise tRNA structure and mitochondrial translation. <i>Nature Communications</i> , 2022, 13, 209.	5.8	19
2	Roles and dynamics of 3-methylcytidine in cellular RNAs. <i>Trends in Biochemical Sciences</i> , 2022, 47, 596-608.	3.7	11
3	Regulated targeting of the monotopic hairpin membrane protein Erg1 requires the GET pathway. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	4
4	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
5	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
6	RNA helicase-mediated regulation of snoRNP dynamics on pre-ribosomes and rRNA 2â€²-O ⁶ -methylation. <i>Nucleic Acids Research</i> , 2021, 49, 4066-4084.	6.5	26
7	DEAD-box RNA helicase Dbp4/DDX10 is an enhancer of $\hat{\pm}$ -synuclein toxicity and oligomerization. <i>PLoS Genetics</i> , 2021, 17, e1009407.	1.5	19
8	Structural basis of GTPase-mediated mitochondrial ribosome biogenesis and recycling. <i>Nature Communications</i> , 2021, 12, 3672.	5.8	41
9	Capture and delivery of tail-anchored proteins to the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	30
10	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
11	Regulation of DEAH-box RNA helicases by G-patch proteins. <i>Biological Chemistry</i> , 2021, 402, 561-579.	1.2	39
12	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
13	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
14	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
15	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
16	Sgd1 is an MIF4G domain-containing cofactor of the RNA helicase Fal1 and associates with the 5â€™ domain of the 18S rRNA sequence. <i>RNA Biology</i> , 2020, 17, 539-553.	1.5	8
17	The human 18S rRNA m ⁶ A methyltransferase METTL5 is stabilized by TRMT112. <i>Nucleic Acids Research</i> , 2019, 47, 7719-7733.	6.5	312
18	Eukaryotic 5-methylcytosine (m ⁵ C) RNA Methyltransferases: Mechanisms, Cellular Functions, and Links to Disease. <i>Genes</i> , 2019, 10, 102.	1.0	291

#	ARTICLE	IF	CITATIONS
19	Uncovering the assembly pathway of human ribosomes and its emerging links to disease. EMBO Journal, 2019, 38, e100278.	3.5	157
20	Pol5 is required for recycling of small subunit biogenesis factors and for formation of the peptide exit tunnel of the large ribosomal subunit. Nucleic Acids Research, 2019, 48, 405-420.	6.5	7
21	RNA-Binding Proteins Chaperone Ribonucleoprotein Complex Assembly to Solve the RNA-Folding Problem. Cell, 2019, 179, 1248-1250.	13.5	9