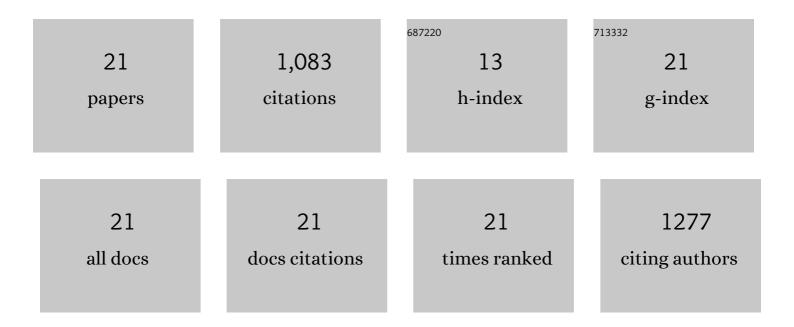
Katherine E Bohnsack

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The human 18S rRNA m6A methyltransferase METTL5 is stabilized by TRMT112. Nucleic Acids Research, 2019, 47, 7719-7733. | 6.5 | 312 |
| 2 | Eukaryotic 5-methylcytosine (m5C) RNA Methyltransferases: Mechanisms, Cellular Functions, and Links to Disease. Genes, 2019, 10, 102. | 1.0 | 291 |
| 3 | Uncovering the assembly pathway of human ribosomes and its emerging links to disease. EMBO Journal, 2019, 38, e100278. | 3.5 | 157 |
| 4 | Structural basis of GTPase-mediated mitochondrial ribosome biogenesis and recycling. Nature Communications, 2021, 12, 3672. | 5.8 | 41 |
| 5 | Regulation of DEAH-box RNA helicases by G-patch proteins. Biological Chemistry, 2021, 402, 561-579. | 1.2 | 39 |
| 6 | Capture and delivery of tail-anchored proteins to the endoplasmic reticulum. Journal of Cell Biology, 2021, 220, . | 2.3 | 30 |
| 7 | RNA helicase-mediated regulation of snoRNP dynamics on pre-ribosomes and rRNA 2′- <i>O</i> -methylation. Nucleic Acids Research, 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. Nucleic Acids Research, 2020, 48, 8074-8089. | 6.5 | 20 |
| 9 | DEAD-box RNA helicase Dbp4/DDX10 is an enhancer of α-synuclein toxicity and oligomerization. PLoS Genetics, 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. Nature Communications, 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. Nature Communications, 2021, 12, 6152. | 5.8 | 19 |
| 12 | The RNA methyltransferase METTL8 installs m3C32 in mitochondrial tRNAsThr/Ser(UCN) to optimise tRNA structure and mitochondrial translation. Nature Communications, 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. RNA Biology, 2021, 18, 1124-1135. | 1.5 | 15 |
| 14 | Ribosome-bound Get4/5 facilitates the capture of tail-anchored proteins by Sgt2 in yeast. Nature Communications, 2021, 12, 782. | 5.8 | 14 |
| 15 | The interaction of DNA repair factors ASCC2 and ASCC3 is affected by somatic cancer mutations. Nature Communications, 2020, 11, 5535. | 5.8 | 12 |
| 16 | Tracing Eukaryotic Ribosome Biogenesis Factors Into the Archaeal Domain Sheds Light on the Evolution of Functional Complexity. Frontiers in Microbiology, 2021, 12, 739000. | 1.5 | 11 |
| 17 | Roles and dynamics of 3-methylcytidine in cellular RNAs. Trends in Biochemical Sciences, 2022, 47, 596-608. | 3.7 | 11 |
| 18 | RNA-Binding Proteins Chaperone Ribonucleoprotein Complex Assembly to Solve the RNA-Folding Problem. Cell, 2019, 179, 1248-1250. | 13.5 | 9 |

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| # | 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. RNA Biology, 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. Nucleic Acids Research, 2019, 48, 405-420. | 6.5 | 7 |
| 21 | Regulated targeting of the monotopic hairpin membrane protein Erg1 requires the GET pathway. Journal of Cell Biology, 2022, 221, . | 2.3 | 4 |