

# Yiran Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5394997/publications.pdf>

Version: 2024-02-01

8  
papers

404  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive structure-function characterization of DNMT3B and DNMT3A reveals distinctive de novo DNA methylation mechanisms. <i>Nature Communications</i> , 2020, 11, 3355.	12.8	94
2	Polycomb Gene Silencing Mechanisms: PRC2 Chromatin Targeting, H3K27me3 'Readout', and Phase Separation-Based Compaction. <i>Trends in Genetics</i> , 2021, 37, 547-565.	6.7	71
3	DNMT1 reads heterochromatic H4K20me3 to reinforce LINE-1 DNA methylation. <i>Nature Communications</i> , 2021, 12, 2490.	12.8	63
4	Direct readout of heterochromatic H3K9me3 regulates DNMT1-mediated maintenance DNA methylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18439-18447.	7.1	62
5	BAHCC1 binds H3K27me3 via a conserved BAH module to mediate gene silencing and oncogenesis. <i>Nature Genetics</i> , 2020, 52, 1384-1396.	21.4	57
6	ZMYND11-MBTD1 induces leukemogenesis through hijacking NuA4/TIP60 acetyltransferase complex and a PWWP-mediated chromatin association mechanism. <i>Nature Communications</i> , 2021, 12, 1045.	12.8	27
7	Mechanistic insights into chromatin targeting by leukemic NUP98-PHF23 fusion. <i>Nature Communications</i> , 2020, 11, 3339.	12.8	15
8	A conserved BAH module within mammalian BAHD1 connects H3K27me3 to Polycomb gene silencing. <i>Nucleic Acids Research</i> , 2021, 49, 4441-4455.	14.5	15