

# Lan-Tao Gou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10201721/publications.pdf>

Version: 2024-02-01

15  
papers

1,530  
citations

840119

11  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pachytene piRNAs instruct massive mRNA elimination during late spermiogenesis. <i>Cell Research</i> , 2014, 24, 680-700.	5.7	344
2	MIWI and piRNA-mediated cleavage of messenger RNAs in mouse testes. <i>Cell Research</i> , 2015, 25, 193-207.	5.7	266
3	GRID-seq reveals the global RNA-chromatin interactome. <i>Nature Biotechnology</i> , 2017, 35, 940-950.	9.4	233
4	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell</i> , 2017, 169, 1090-1104.e13.	13.5	193
5	NEAT1 scaffolds RNA-binding proteins and the Microprocessor to globally enhance pri-miRNA processing. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 816-824.	3.6	165
6	A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis. <i>Cell</i> , 2019, 179, 1566-1581.e16.	13.5	136
7	Initiation of Parental Genome Reprogramming in Fertilized Oocyte by Splicing Kinase SRPK1-Catalyzed Protamine Phosphorylation. <i>Cell</i> , 2020, 180, 1212-1227.e14.	13.5	54
8	A sequence of 28S rRNA-derived small RNAs is enriched in mature sperm and various somatic tissues and possibly associates with inflammation. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 256-259.	1.5	45
9	RBFOX2-miR-34a-JPH2 axis contributes to cardiac decompensation during heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6172-6180.	3.3	32
10	Small noncoding <sc>RNAs</sc> and male infertility. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014, 5, 733-745.	3.2	24
11	Small Noncoding RNAs in Reproduction and Infertility. <i>Biomedicines</i> , 2021, 9, 1884.	1.4	14
12	Knockout of glutathione peroxidase 5 down-regulates the piRNAs in the caput epididymidis of aged mice. <i>Asian Journal of Andrology</i> , 2020, 22, 590.	0.8	10
13	Noncanonical functions of PIWIL1/piRNAs in animal male germ cells and human diseases. <i>Biology of Reproduction</i> , 2022, 107, 101-108.	1.2	8
14	Reply to Lack of evidence for a role of PIWIL1 variants in human male infertility. <i>Cell</i> , 2021, 184, 1943-1944.	13.5	4
15	piRNA 3' uridylation facilitates the assembly of MIWI/piRNA complex for efficient target regulation in mouse male germ cells. <i>Cell Research</i> , 2022, , .	5.7	2