

# Mo-Fang Liu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37  
papers

2,171  
citations

20  
h-index

40  
g-index

40  
ext. papers

2,666  
ext. citations

18.8  
avg, IF

4.44  
L-index

#	Paper	IF	Citations
37	Deficiency of X-linked TENT5D causes male infertility by disrupting the mRNA stability during spermatogenesis.. <i>Cell Discovery</i> , <b>2022</b> , 8, 23	22.3	1
36	piRNA 3'Uridylation facilitates the assembly of MIWI/piRNA complex for efficient target regulation in mouse male germ cells.. <i>Cell Research</i> , <b>2022</b> ,	24.7	0
35	Defective piRNA Processing and Azoospermia.. <i>New England Journal of Medicine</i> , <b>2022</b> , 386, 1674-1675	59.2	1
34	Reply to Lack of evidence for a role of PIWIL1 variants in human male infertility. <i>Cell</i> , <b>2021</b> , 184, 1943-1944.	46.2	0
33	Potential transmission chains of variant B.1.1.7 and co-mutations of SARS-CoV-2. <i>Cell Discovery</i> , <b>2021</b> , 7, 44	22.3	8
32	piRNA-independent function of PIWIL1 as a co-activator for anaphase promoting complex/cyclosome to drive pancreatic cancer metastasis. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 425-438	23.4	23
31	hENT1 reverses chemoresistance by regulating glycolysis in pancreatic cancer. <i>Cancer Letters</i> , <b>2020</b> , 479, 112-122	9.9	15
30	Initiation of Parental Genome Reprogramming in Fertilized Oocyte by Splicing Kinase SRPK1-Catalyzed Protamine Phosphorylation. <i>Cell</i> , <b>2020</b> , 180, 1212-1227.e14	56.2	20
29	A dual role of the PIWI/piRNA machinery in regulating mRNAs during mouse spermiogenesis. <i>Science China Life Sciences</i> , <b>2020</b> , 63, 447-449	8.5	10
28	LARP7-Mediated U6 snRNA Modification Ensures Splicing Fidelity and Spermatogenesis in Mice. <i>Molecular Cell</i> , <b>2020</b> , 77, 999-1013.e6	17.6	27
27	PHB regulates meiotic recombination via JAK2-mediated histone modifications in spermatogenesis. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 4780-4796	20.1	8
26	Knockout of glutathione peroxidase 5 down-regulates the piRNAs in the caput epididymidis of aged mice. <i>Asian Journal of Andrology</i> , <b>2020</b> , 22, 590-601	2.8	3
25	The Alazami Syndrome-Associated Protein LARP7 Guides U6 Small Nuclear RNA Modification and Contributes to Splicing Robustness. <i>Molecular Cell</i> , <b>2020</b> , 77, 1014-1031.e13	17.6	26
24	PHF7 is a novel histone H2A E3 ligase prior to histone-to-protamine exchange during spermiogenesis. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	16
23	Therapeutic Delivery of miR-143 Targeting Tumor Metabolism in Poorly Differentiated Thyroid Cancer Xenografts and Efficacy Evaluation Using F-FDG MicroPET-CT. <i>Human Gene Therapy</i> , <b>2019</b> , 30, 882-892	4.8	5
22	The histone modification reader ZCWPW1 is required for meiosis prophase I in male but not in female mice. <i>Science Advances</i> , <b>2019</b> , 5, eaax1101	14.3	20
21	A Translation-Activating Function of MIWI/piRNA during Mouse Spermiogenesis. <i>Cell</i> , <b>2019</b> , 179, 1566-1581.e16	58.2	61

20	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> , <b>2017</b> , 9, 256-259	6.3	30
19	Ubiquitination-Deficient Mutations in Human Piwi Cause Male Infertility by Impairing Histone-to-Protamine Exchange during Spermiogenesis. <i>Cell</i> , <b>2017</b> , 169, 1090-1104.e13	56.2	116
18	MicroRNA regulation and analytical methods in cancer cell metabolism. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 2929-2941	10.3	25
17	KRAS/NF-B/YY1/miR-489 Signaling Axis Controls Pancreatic Cancer Metastasis. <i>Cancer Research</i> , <b>2017</b> , 77, 100-111	10.1	70
16	(18)F-FDG PET/CT for Monitoring the Response of Breast Cancer to miR-143-Based Therapeutics by Targeting Tumor Glycolysis. <i>Molecular Therapy - Nucleic Acids</i> , <b>2016</b> , 5, e357	10.7	27
15	MIWI and piRNA-mediated cleavage of messenger RNAs in mouse testes. <i>Cell Research</i> , <b>2015</b> , 25, 193-207.4.7	14.7	185
14	Suppression of miR-199a maturation by HuR is crucial for hypoxia-induced glycolytic switch in hepatocellular carcinoma. <i>EMBO Journal</i> , <b>2015</b> , 34, 2671-85	13	63
13	Novel function of PIWIL1 in neuronal polarization and migration via regulation of microtubule-associated proteins. <i>Molecular Brain</i> , <b>2015</b> , 8, 39	4.5	31
12	IL-1 $\beta$ -mediated repression of microRNA-101 is crucial for inflammation-promoted lung tumorigenesis. <i>Cancer Research</i> , <b>2014</b> , 74, 4720-30	10.1	81
11	Pachytene piRNAs instruct massive mRNA elimination during late spermiogenesis. <i>Cell Research</i> , <b>2014</b> , 24, 680-700	24.7	238
10	Small noncoding RNAs and male infertility. <i>Wiley Interdisciplinary Reviews RNA</i> , <b>2014</b> , 5, 733-45	9.3	14
9	Thyroid hormone regulates muscle fiber type conversion via miR-133a1. <i>Journal of Cell Biology</i> , <b>2014</b> , 207, 753-66	7.3	65
8	Hepatic miR-378 targets p110 $\beta$ and controls glucose and lipid homeostasis by modulating hepatic insulin signalling. <i>Nature Communications</i> , <b>2014</b> , 5, 5684	17.4	70
7	MicroRNA-155 broadly orchestrates inflammation-induced changes of microRNA expression in breast cancer. <i>Cell Research</i> , <b>2014</b> , 24, 254-7	24.7	15
6	piRNA-triggered MIWI ubiquitination and removal by APC/C in late spermatogenesis. <i>Developmental Cell</i> , <b>2013</b> , 24, 13-25	10.2	80
5	Onconase downregulates microRNA expression through targeting microRNA precursors. <i>Cell Research</i> , <b>2012</b> , 22, 1199-202	24.7	25
4	A novel miR-155/miR-143 cascade controls glycolysis by regulating hexokinase 2 in breast cancer cells. <i>EMBO Journal</i> , <b>2012</b> , 31, 1985-98	13	249
3	MicroRNA-155 functions as an OncomiR in breast cancer by targeting the suppressor of cytokine signaling 1 gene. <i>Cancer Research</i> , <b>2010</b> , 70, 3119-27	10.1	531

- 2 Arginyl-tRNA synthetase with signature sequence KMSK from *Bacillus stearothermophilus*.  
*Biochemical Journal*, **2003**, 376, 773-9 3.8 8
- 1 A Strong Promoter Provided with the Gene Encoding Arginyl-tRNA Synthetase(argS) from  
*Escherichia coli*. *Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica*,  
**2000**, 32, 435-440