Mingxi Liu

List of Publications by Citations

Source: https://exaly.com/author-pdf/717582/mingxi-liu-publications-by-citations.pdf
Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40 papers	1,400 citations	16 h-index	37 g-index
48 ext. papers	1,990 ext. citations	8 avg, IF	4.09 L-index

#	Paper	IF	Citations
40	Ythdc2 is an N-methyladenosine binding protein that regulates mammalian spermatogenesis. *Cell Research*, **2017**, 27, 1115-1127	24.7	404
39	Complete Meiosis from Embryonic Stem Cell-Derived Germ Cells In Vitro. *Cell Stem Cell*, **2016**, 18, 330-40	18	250
38	Single-cell RNA-seq uncovers dynamic processes and critical regulators in mouse spermatogenesis. *Cell Research*, **2018**, 28, 879-896	24.7	133
37	Systematic identification of genes with a cancer-testis expression pattern in 19 cancer types. *Nature Communications*, **2016**, 7, 10499	17.4	80
36	TCTE1 is a conserved component of the dynein regulatory complex and is required for motility and metabolism in mouse spermatozoa. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E5370-E5378	11.5	47
35	Scanning of novel cancer/testis proteins by human testis proteomic analysis. *Proteomics*, **2013**, 13, 1200-18	4.8	47
34	A cancer-testis non-coding RNA LIN28B-AS1 activates driver gene LIN28B by interacting with IGF2BP1 in lung adenocarcinoma. *Oncogene*, **2019**, 38, 1611-1624	9.2	45
33	An essential role for PNLDC1 in piRNA 3Vend trimming and male fertility in mice. *Cell Research*, **2017**, 27, 1392-1396	24.7	44
32	Major spliceosome defects cause male infertility and are associated with nonobstructive azoospermia in humans. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 4134-9	11.5	38
31	Cancer-testis gene PIWIL1 promotes cell proliferation, migration, and invasion in lung adenocarcinoma. *Cancer Medicine*, **2018**, 7, 157-166	4.8	34
30	Dual functions for the ssDNA-binding protein RPA in meiotic recombination. *PLoS Genetics*, **2019**, 15, e1007952	6	33
29	Biallelic mutations in cause male infertility with multiple morphological abnormalities of the sperm flagella in humans and mice. *Journal of Medical Genetics*, **2020**, 57, 89-95	5.8	30
28	UHRF1 suppresses retrotransposons and cooperates with PRMT5 and PIWI proteins in male germ cells. *Nature Communications*, **2019**, 10, 4705	17.4	25
27	HORMAD2/CT46.2, a novel cancer/testis gene, is ectopically expressed in lung cancer tissues. *Molecular Human Reproduction*, **2012**, 18, 599-604	4.4	25
26	SHCBP1L, a conserved protein in mammals, is predominantly expressed in male germ cells and maintains spindle stability during meiosis in testis. *Molecular Human Reproduction*, **2014**, 20, 463-75	4.4	24
25	The human sperm proteome 2.0: An integrated resource for studying sperm functions at the level of posttranslational modification. *Proteomics*, **2016**, 16, 2597-2601	4.8	18
24	FBXO47 regulates telomere-inner nuclear envelope integration by stabilizing TRF2 during meiosis. *Nucleic Acids Research*, **2019**, 47, 11755-11770	20.1	16

23	Transient scrotal hyperthermia induces lipid droplet accumulation and reveals a different ADFP expression pattern between the testes and liver in mice. *PLoS ONE*, **2012**, 7, e45694	3.7	15
22	The 18S rRNA m A methyltransferase METTL5 promotes mouse embryonic stem cell differentiation. *EMBO Reports*, **2020**, 21, e49863	6.5	15
21	Normal spermatogenesis in (fibronectin type 3 and ankyrin repeat domains 1) mutant mice. *PeerJ*, **2019**, 7, e6827	3.1	7
20	The heat shock protein family gene in male mice is dispensable for fertility. *PeerJ*, **2020**, 8, e8702	3.1	7
19	Loss of DRC1 function leads to multiple morphological abnormalities of the sperm flagella and male infertility in human and mouse. *Human Molecular Genetics*, **2021**, 30, 1996-2011	5.6	7
18	Comparative transcriptome analysis reveals a regulatory network of microRNA-29b during mouse early embryonic development. *Oncotarget*, **2016**, 7, 53772-53782	3.3	6
17	Retinoic Acid Induced Protein 14 () is dispensable for mouse spermatogenesis. *PeerJ*, **2021**, 9, e10847	3.1	6
16	ATP synthase is required for male fertility and germ cell maturation in Drosophila testes. *Molecular Medicine Reports*, **2019**, 19, 1561-1570	2.9	4
15	RSBP15 interacts with and stabilizes dRSPH3 during sperm axoneme assembly in Drosophila. *Journal of Genetics and Genomics*, **2019**, 46, 281-290	4	4
14	MORC2B is essential for meiotic progression and fertility. *PLoS Genetics*, **2018**, 14, e1007175	6	4
13	Spermatogenesis is normal in knockout mice. *PeerJ*, **2020**, 8, e9629	3.1	4
12	is not required for fertility in male mice. *Translational Andrology and Urology*, **2021**, 10, 1988-1999	2.3	4
11	Single-cell RNA-Seq reveals a highly coordinated transcriptional program in mouse germ cells during primordial follicle formation. *Aging Cell*, **2021**, 20, e13424	9.9	4
10	Human X chromosome exome sequencing identifies as contributor to spermatogenesis. *Journal of Medical Genetics*, **2021**, 58, 56-65	5.8	4
9	Knockout Gene-Based Evidence for PIWI-Interacting RNA Pathway in Mammals. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 681188	5.7	3
8	Precursor RNA processing 3 is required for male fertility, and germline stem cell self-renewal and differentiation via regulating spliceosome function in Drosophila testes. *Scientific Reports*, **2019**, 9, 9988	4.9	2
7	Sexual Dimorphism in Mouse Meiosis. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 670599	5.7	2
6	LRRC23 is a conserved component of the radial spoke that is necessary for sperm motility and male fertility in mice. *Journal of Cell Science*, **2021**, 134,	5.3	2

5	Bi-allelic variants in human WDR63 cause male infertility via abnormal inner dynein arms assembly. *Cell Discovery*, **2021**, 7, 110	22.3	1
4	CFAP61 is required for sperm flagellum formation and male fertility in human and mouse		1
3	A homozygous loss-of-function mutation in FBXO43 causes human non-obstructive azoospermia. *Clinical Genetics*, **2022**, 101, 55-64	4	1
2	Novel bi-allelic variants in ACTL7A are associated with male infertility and total fertilization failure. *Human Reproduction*, **2021**, 36, 3161-3169	5.7	0
1	Testis-enriched is not required for spermatogenesis and fertility in mice.. *Translational Andrology and Urology*, **2022**, 11, 168-178	2.3	