P Jeremy Wang

List of Publications by Year in descending order

59 papers	3,773 citations	186265 28 h-index	149698 56 g-index
62 all docs	62 docs citations	62 times ranked	4679 citing authors

#	Article	IF	Citations
1	Recurrent pregnancy loss in mice lacking the X-linked Ccnb3 gene. Biology of Reproduction, 2022, 106, 382-384.	2.7	5
2	C2CD6 regulates targeting and organization of the CatSper calcium channel complex in sperm flagella. Development (Cambridge), 2022, 149, .	2.5	15
3	SCF ubiquitin E3 ligase regulates DNA double-strand breaks in early meiotic recombination. Nucleic Acids Research, 2022, 50, 5129-5144.	14.5	11
4	Genetic characterization of a missense mutation in the X-linked TAF7L gene identified in an oligozoospermic man. Biology of Reproduction, 2022, 107, 157-167.	2.7	4
5	Histone methyltransferase DOT1L is essential for self-renewal of germline stem cells. Genes and Development, 2022, 36, 752-763.	5.9	17
6	yama, a mutant allele of Mov10l1, disrupts retrotransposon silencing and piRNA biogenesis. PLoS Genetics, 2021, 17, e1009265.	3.5	8
7	HDAC3 controls male fertility through enzyme-independent transcriptional regulation at the meiotic exit of spermatogenesis. Nucleic Acids Research, 2021, 49, 5106-5123.	14.5	25
8	Golden opportunity for piRNA in female fertility. Nature Cell Biology, 2021, 23, 936-938.	10.3	3
9	YTHDC2 is essential for pachytene progression and prevents aberrant microtubule-driven telomere clustering in male meiosis. Cell Reports, 2021, 37, 110110.	6.4	24
10	The ssDNA-binding protein MEIOB acts as a dosage-sensitive regulator of meiotic recombination. Nucleic Acids Research, 2020, 48, 12219-12233.	14.5	17
11	FLACC1 is testisâ€specific but dispensable for fertility in mice. Molecular Reproduction and Development, 2020, 87, 1199-1201.	2.0	4
12	The novel male meiosis recombination regulator coordinates the progression of meiosis prophase I. Journal of Genetics and Genomics, 2020, 47, 451-465.	3.9	11
13	TEX15 associates with MILI and silences transposable elements in male germ cells. Genes and Development, 2020, 34, 745-750.	5.9	33
14	mRBPome capture identifies the RNA binding protein TRIM71, an essential regulator of spermatogonial differentiation. Development (Cambridge), 2020, 147, .	2.5	11
15	A rat H1tâ€GFP transgene recapitulates endogenous H1t expression pattern in mouse. Genesis, 2020, 58, e23355.	1.6	0
16	The BRCA2-MEILB2-BRME1 complex governs meiotic recombination and impairs the mitotic BRCA2-RAD51 function in cancer cells. Nature Communications, 2020, 11, 2055.	12.8	42
17	SKP1 drives the prophase I to metaphase I transition during male meiosis. Science Advances, 2020, 6, eaaz2129.	10.3	44
18	A cell-based high-content screen identifies isocotoin as a small molecule inhibitor of the meiosis-specific MEIOBâ€“SPATA22 complexâ€. Biology of Reproduction, 2020, 103, 333-342.	2.7	3

#	Article	IF	Citations
19	Dual functions for the ssDNA-binding protein RPA in meiotic recombination. PLoS Genetics, 2019, 15, e1007952.	3.5	61
20	Functions of cyclins and CDKs in mammalian gametogenesisâ€. Biology of Reproduction, 2019, 101, 591-601.	2.7	36
21	Sex Chromosomes and Sex-Linked Genes in Spermatogenesis. , 2018, , 114-119.		0
22	Nuclear m6A reader YTHDC1 regulates alternative polyadenylation and splicing during mouse oocyte development. PLoS Genetics, 2018, 14, e1007412.	3.5	386
23	Genetics of mammalian meiosis. , 2018, , 106-115.		2
24	MORC2B is essential for meiotic progression and fertility. PLoS Genetics, 2018, 14, e1007175.	3.5	14
25	RPL10L Is Required for Male Meiotic Division by Compensating for RPL10 during Meiotic Sex Chromosome Inactivation in Mice. Current Biology, 2017, 27, 1498-1505.e6.	3.9	78
26	Meiosis-specific proteins MEIOB and SPATA22 cooperatively associate with the single-stranded DNA-binding replication protein A complex and DNA double-strand breaksâ€. Biology of Reproduction, 2017, 96, 1096-1104.	2.7	44
27	Embryonic lethality and defective male germ cell development in mice lacking UTF1. Scientific Reports, 2017, 7, 17259.	3.3	10
28	Tracking LINE1 retrotransposition in the germline. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7194-7196.	7.1	7
29	Mutations in the MOV10L1 ATP Hydrolysis Motif Cause piRNA Biogenesis Failure and Male Sterility in Mice. Biology of Reproduction, 2016, 95, 103-103.	2.7	23
30	Multiple LINEs of retrotransposon silencing mechanisms in the mammalian germline. Seminars in Cell and Developmental Biology, 2016, 59, 118-125.	5.0	69
31	<scp>TEX</scp> 11 is mutated in infertile men with azoospermia and regulates genomeâ€wide recombination rates in mouse. EMBO Molecular Medicine, 2015, 7, 1198-1210.	6.9	145
32	Type I Interferon Controls Propagation of Long Interspersed Element-1. Journal of Biological Chemistry, 2015, 290, 10191-10199.	3.4	56
33	Polycomb Protein SCML2 Associates with USP7 and Counteracts Histone H2A Ubiquitination in the XY Chromatin during Male Meiosis. PLoS Genetics, 2015, 11, e1004954.	3.5	58
34	The RNA helicase MOV10L1 binds piRNA precursors to initiate piRNA processing. Genes and Development, 2015, 29, 617-629.	5.9	143
35	Accelerated reproductive aging in females lacking a novel centromere protein SYCP2L. Human Molecular Genetics, 2015, 24, 6505-6514.	2.9	18
36	STK31/TDRD8, a Germ Cell-Specific Factor, Is Dispensable for Reproduction in Mice. PLoS ONE, 2014, 9, e89471.	2.5	17

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37	Mammalian piRNAs. Spermatogenesis, 2014, 4, e27889.	0.8	80
38	Respiratory failure, cleft palate and epilepsy in the mouse model of human Xq22.1 deletion syndrome. Human Molecular Genetics, 2014, 23, 3823-3829.	2.9	12
39	MEIOB exhibits single-stranded DNA-binding and exonuclease activities and is essential for meiotic recombination. Nature Communications, 2013, 4, 2788.	12.8	120
40	A 1.1-Mb Segmental Deletion on the X Chromosome Causes Meiotic Failure in Male Mice. Biology of Reproduction, 2013, 88, 159-159.	2.7	16
41	Taf7l cooperates with Trf2 to regulate spermiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16886-16891.	7.1	62
42	Dual functions of TAF7L in adipocyte differentiation. ELife, 2013, 2, e00170.	6.0	41
43	MNS1 Is Essential for Spermiogenesis and Motile Ciliary Functions in Mice. PLoS Genetics, 2012, 8, e1002516.	3.5	74
44	Blockade of Pachytene piRNA Biogenesis Reveals a Novel Requirement for Maintaining Post-Meiotic Germline Genome Integrity. PLoS Genetics, 2012, 8, e1003038.	3.5	107
45	Disruption of Chtf18 Causes Defective Meiotic Recombination in Male Mice. PLoS Genetics, 2012, 8, e1002996.	3.5	13
46	Non-muscle myosin IIB is essential for cytokinesis during male meiotic cell divisions. Developmental Biology, 2012, 369, 356-361.	2.0	37
47	Nxf3 is expressed in Sertoli cells, but is dispensable for spermatogenesis. Molecular Reproduction and Development, 2011, 78, 241-249.	2.0	13
48	The Ubiquitin Ligase Ubr2, a Recognition E3 Component of the N-End Rule Pathway, Stabilizes Tex19.1 during Spermatogenesis. PLoS ONE, 2010, 5, e14017.	2.5	37
49	Hormad1 Mutation Disrupts Synaptonemal Complex Formation, Recombination, and Chromosome Segregation in Mammalian Meiosis. PLoS Genetics, 2010, 6, e1001190.	3.5	179
50	Regulation of Male Fertility by Xâ€Linked Genes. Journal of Andrology, 2010, 31, 79-85.	2.0	41
51	Inactivation of Nxf2 causes defects in male meiosis and age-dependent depletion of spermatogonia. Developmental Biology, 2009, 330, 167-174.	2.0	53
52	Ubl4b, an X-derived retrogene, is specifically expressed in post-meiotic germ cells in mammals. Gene Expression Patterns, 2007, 7, 131-136.	0.8	17
53	The role of spermatogonially expressed germ cell-specific genes in mammalian meiosis. Chromosome Research, 2007, 15, 623-632.	2.2	17
54	Mouse SYCP2 is required for synaptonemal complex assembly and chromosomal synapsis during male meiosis. Journal of Cell Biology, 2006, 173, 497-507.	5.2	235

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55	RNF17, a component of the mammalian germ cell nuage, is essential for spermiogenesis. Development (Cambridge), 2005, 132, 4029-4039.	2.5	119
56	Differential expression of sex-linked and autosomal germ-cell-specific genes during spermatogenesis in the mouse. Human Molecular Genetics, 2005, 14, 2911-2918.	2.9	131
57	X chromosomes, retrogenes and their role in male reproduction. Trends in Endocrinology and Metabolism, 2004, 15, 79-83.	7.1	106
58	Functional substitution for TAFII250 by a retroposed homolog that is expressed in human spermatogenesis. Human Molecular Genetics, 2002, 11, 2341-2346.	2.9	83
59	An abundance of X-linked genes expressed in spermatogonia. Nature Genetics, 2001, 27, 422-426.	21.4	735