Huan Zhang

List of Publications by Year
in descending order

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39 papers	841 citations	567281 15 h-index	526287 27 g-index
41 all docs	41 docs citations	41 times ranked	1212 citing authors

#	Article	IF	Citations
1	RAD51AP2 is required for efficient meiotic recombination between X and Y chromosomes. Science Advances, 2022, 8, eabk1789.	10.3	13
2	CFTR mutations causing congenital unilateral absence of the vas deferens (CUAVD) and congenital absence of the uterus (CAU) in a consanguineous family. Asian Journal of Andrology, 2022, .	1.6	0
3	A recurrent homozygous missense mutation in CCDC103 causes asthenoteratozoospermia due to disorganized dynein arms. Asian Journal of Andrology, 2022, 24, 255.	1.6	8
4	Computationally predicted pathogenic <i>USP9X</i> mutation identified in infertile men does not affect spermatogenesis in mice. Zoological Research, 2022, 43, 225-228.	2.1	0
5	ZFP541 maintains the repression of pre-pachytene transcriptional programs and promotes male meiosis progression. Cell Reports, 2022, 38, 110540.	6.4	11
6	FertilityOnline: A Straightforward Pipeline for Functional Gene Annotation and Disease Mutation Discovery. Genomics, Proteomics and Bioinformatics, 2022, 20, 455-465.	6.9	3
7	BiallelicHFM1variants cause non-obstructive azoospermia with meiotic arrest in humans by impairing crossover formation to varying degrees. Human Reproduction, 2022, 37, 1664-1677.	0.9	8
8	Identification of pathogenic mutations from nonobstructive azoospermia patients. Biology of Reproduction, 2022, 107, 85-94.	2.7	5
9	PedMiner: a tool for linkage analysis-based identification of disease-associated variants using family based whole-exome sequencing data. Briefings in Bioinformatics, 2021, 22, .	6.5	7
10	Novel lossâ€ofâ€function variants in <scp>DNAH17</scp> cause multiple morphological abnormalities of the sperm flagella in humans and mice. Clinical Genetics, 2021, 99, 176-186.	2.0	26
11	Homozygous mutations in C14orf39/SIX6OS1 cause non-obstructive azoospermia and premature ovarian insufficiency in humans. American Journal of Human Genetics, 2021, 108, 324-336.	6.2	50
12	A recurrent ZSWIM7 mutation causes male infertility resulting from decreased meiotic recombination. Human Reproduction, 2021, 36, 1436-1445.	0.9	18
13	Novel frameshift mutation in STK33 is associated with asthenozoospermia and multiple morphological abnormalities of the flagella. Human Molecular Genetics, 2021, 30, 1977-1984.	2.9	13
14	MeiosisOnline: A Manually Curated Database for Tracking and Predicting Genes Associated With Meiosis. Frontiers in Cell and Developmental Biology, 2021, 9, 673073.	3.7	6
15	A novel stop-gain mutation in ARMC2 is associated with multiple morphological abnormalities of the sperm flagella. Reproductive BioMedicine Online, 2021, 43, 913-919.	2.4	5
16	Whole-exome sequencing of consanguineous families with infertile men and women identifies homologous mutations in SPATA22 and MEIOB. Human Reproduction, 2021, 36, 2793-2804.	0.9	17
17	Novel biallelic loss-of-function mutations in CFAP43 cause multiple morphological abnormalities of the sperm flagellum in Pakistani families. Asian Journal of Andrology, 2021, 23, 627.	1.6	6
18	Novel Loss-of-Function Mutations in DNAH1 Displayed Different Phenotypic Spectrum in Humans and Mice. Frontiers in Endocrinology, 2021, 12, 765639.	3.5	7

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19	Biallelic Variants in CFAP61 Cause Multiple Morphological Abnormalities of the Flagella and Male Infertility. Frontiers in Cell and Developmental Biology, 2021, 9, 803818.	3.7	13
20	A TOP6BL mutation abolishes meiotic DNA double-strand break formation and causes human infertility. Science Bulletin, 2020, 65, 2120-2129.	9.0	18
21	A DNAH17 missense variant causes flagella destabilization and asthenozoospermia. Journal of Experimental Medicine, 2020, 217, .	8.5	88
22	Retrospective analysis of clinical features in 134 coronavirus disease 2019 cases. Epidemiology and Infection, 2020, 148, e199.	2.1	37
23	CARF promotes spermatogonial self-renewal and proliferation through Wnt signaling pathway. Cell Discovery, 2020, 6, 85.	6.7	13
24	Cardiac injuries in patients with coronavirus disease 2019: Not to be ignored. International Journal of Infectious Diseases, 2020, 96, 294-297.	3.3	37
25	A homozygous FANCM frameshift pathogenic variant causes male infertility. Genetics in Medicine, 2019, 21, 62-70.	2.4	69
26	Protective effects of melatonin on sepsis-induced liver injury and dysregulation of gluconeogenesis in rats through activating SIRT1/STAT3 pathway. Biomedicine and Pharmacotherapy, 2019, 117, 109150.	5.6	48
27	Whole Exome Sequencing Revealed a Novel Nonsense Variant in the <i>GNRHR</i> Gene<i></i> Causing Normosmic Hypogonadotropic Hypogonadism in a Pakistani Family. Hormone Research in Paediatrics, 2019, 91, 9-16.	1.8	4
28	IsopiRBank: a research resource for tracking piRNA isoforms. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	15
29	Whole exome sequencing identifies a novel dominant missense mutation underlying leukonychia in a Pakistani family. Journal of Human Genetics, 2018, 63, 1071-1076.	2.3	7
30	CPSS 2.0: a computational platform update for the analysis of small RNA sequencing data. Bioinformatics, 2017, 33, 3289-3291.	4.1	32
31	Effects of androgen receptor mutation on testicular histopathology of patient having complete androgen insensitivity. Journal of Molecular Histology, 2017, 48, 159-167.	2.2	10
32	Meiotic defects and decreased expression of genes located around the chromosomal breakpoint in the testis of a patient with a novel 46,X,t(Y;1)(p11.3;p31) translocation. International Journal of Molecular Medicine, 2017, 40, 367-377.	4.0	2
33	A Novel APTX Variant and Ataxia with Oculomotor Apraxia Type 1. Journal of Clinical Neurology		

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37	Specific Deletion of Cdh2 in Sertoli Cells Leads to Altered Meiotic Progression and Subfertility of Mice1. Biology of Reproduction, 2015, 92, 79.	2.7	50
38	DeAnnCNV: a tool for online detection and annotation of copy number variations from whole-exome sequencing data. Nucleic Acids Research, 2015, 43, W289-W294.	14.5	29
39	microRNA 376a regulates follicle assembly by targeting Pcna in fetal and neonatal mouse ovaries. Reproduction, 2014, 148, 43-54.	2.6	55