

Bo Zheng

List of Publications by Citations

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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.

47
papers

595
citations

13
h-index

23
g-index

52
ext. papers

793
ext. citations

4.9
avg, IF

3.23
L-index

#	Paper	IF	Citations
47	In-depth proteomic analysis of the human sperm reveals complex protein compositions. <i>Journal of Proteomics</i> , 2013 , 79, 114-22	3.9	135
46	CRISPR/Cas9-mediated Dax1 knockout in the monkey recapitulates human AHC-HH. <i>Human Molecular Genetics</i> , 2015 , 24, 7255-64	5.6	64
45	Scanning of novel cancer/testis proteins by human testis proteomic analysis. <i>Proteomics</i> , 2013 , 13, 1200-18	4.8	47
44	An essential role for PNLDC1 in piRNA 3' end trimming and male fertility in mice. <i>Cell Research</i> , 2017 , 27, 1392-1396	24.7	44
43	Mapping of the N-linked glycoproteome of human spermatozoa. <i>Journal of Proteome Research</i> , 2013 , 12, 5750-9	5.6	44
42	Generation of a precise Oct4-hrGFP knockin cynomolgus monkey model via CRISPR/Cas9-assisted homologous recombination. <i>Cell Research</i> , 2018 , 28, 383-386	24.7	29
41	Establishment of a proteomic profile associated with gonocyte and spermatogonial stem cell maturation and differentiation in neonatal mice. <i>Proteomics</i> , 2014 , 14, 274-85	4.8	20
40	Establishment of a proteome profile and identification of molecular markers for mouse spermatogonial stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 521-34	5.6	19
39	Quantitative Proteomics Reveals the Essential Roles of Stromal Interaction Molecule 1 (STIM1) in the Testicular Cord Formation in Mouse Testis. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2682-91	7.6	17
38	BMI1 promotes steroidogenesis through maintaining redox homeostasis in mouse MLTC-1 and primary Leydig cells. <i>Cell Cycle</i> , 2020 , 19, 1884-1898	4.7	14
37	ADP-ribosylation factor-like 3, a manchette-associated protein, is essential for mouse spermiogenesis. <i>Molecular Human Reproduction</i> , 2013 , 19, 327-35	4.4	14
36	Myotubularin related protein 7 is essential for the spermatogonial stem cell homeostasis via PI3K/AKT signaling. <i>Cell Cycle</i> , 2019 , 18, 2800-2813	4.7	13
35	Cellular nucleic acid-binding protein is vital to testis development and spermatogenesis in mice. <i>Reproduction</i> , 2018 , 156, 59-69	3.8	13
34	Deficiency of Mkrn2 causes abnormal spermiogenesis and spermiation, and impairs male fertility. <i>Scientific Reports</i> , 2016 , 6, 39318	4.9	12
33	Strawberry Notch 1 (SBNO1) promotes proliferation of spermatogonial stem cells via the noncanonical Wnt pathway in mice. <i>Asian Journal of Andrology</i> , 2019 , 21, 345-350	2.8	11
32	Flotillin-2 is an acrosome-related protein involved in mouse spermiogenesis. <i>Journal of Biomedical Research</i> , 2012 , 26, 278-87	1.5	10
31	Small ribonucleoprotein particle protein Smd3 governs the homeostasis of germline stem cells and the crosstalk between the spliceosome and ribosome signals in. <i>FASEB Journal</i> , 2019 , 33, 8125-8137	0.9	9

30	BMI1 Drives Steroidogenesis Through Epigenetically Repressing the p38 MAPK Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 665089	5.7	9
29	Srlp is crucial for the self-renewal and differentiation of germline stem cells via RpL6 signals in <i>Drosophila</i> testes. <i>Cell Death and Disease</i> , 2019 , 10, 294	9.8	8
28	Unraveling the proteomic profile of mice testis during the initiation of meiosis. <i>Journal of Proteomics</i> , 2015 , 120, 35-43	3.9	7
27	Biochemical clinical factors associated with missed abortion independent of maternal age: A retrospective study of 795 cases with missed abortion and 694 cases with normal pregnancy. <i>Medicine (United States)</i> , 2018 , 97, e13573	1.8	7
26	Stromal interaction molecule 1 is required for neonatal testicular development in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 504, 909-915	3.4	7
25	Retinoic Acid Induced Protein 14 () is dispensable for mouse spermatogenesis. <i>PeerJ</i> , 2021 , 9, e10847	3.1	6
24	A Comparative Proteome Profile of Female Mouse Gonads Suggests a Tight Link between the Electron Transport Chain and Meiosis Initiation. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 31-42	7.6	5
23	ATP synthase is required for male fertility and germ cell maturation in <i>Drosophila</i> testes. <i>Molecular Medicine Reports</i> , 2019 , 19, 1561-1570	2.9	4
22	Transferrin receptor (TFRC) is essential for meiotic progression during mouse spermatogenesis. <i>Zygote</i> , 2021 , 29, 169-175	1.6	4
21	Systematic re-analysis strategy of serum indices identifies alkaline phosphatase as a potential predictive factor for cervical cancer. <i>Oncology Letters</i> , 2019 , 18, 2356-2365	2.6	3
20	RpS13 controls the homeostasis of germline stem cell niche through Rho1-mediated signals in the <i>Drosophila</i> testis. <i>Cell Proliferation</i> , 2020 , 53, e12899	7.9	3
19	MRNIP is essential for meiotic progression and spermatogenesis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 550, 127-133	3.4	3
18	CFAP43-mediated intra-manchette transport is required for sperm head shaping and flagella formation. <i>Zygote</i> , 2021 , 29, 75-81	1.6	3
17	Precursor RNA processing 3 is required for male fertility, and germline stem cell self-renewal and differentiation via regulating spliceosome function in <i>Drosophila</i> testes. <i>Scientific Reports</i> , 2019 , 9, 9988 ⁴⁻⁹	4.9	2
16	INTS7-ABCD3 Interaction Stimulates the Proliferation and Osteoblastic Differentiation of Mouse Bone Marrow Mesenchymal Stem Cells by Suppressing Oxidative Stress. <i>Frontiers in Physiology</i> , 2021 , 12, 758607	4.6	2
15	BMI1 promotes spermatogonia proliferation through epigenetic repression of Ptpm. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 583, 169-177	3.4	2
14	Importance of a semen analysis report for determining the relationship between SCSA sperm DNA fragmentation index and assisted reproductive technology pregnancy rate. <i>Reproductive Biology</i> , 2020 , 20, 460-464	2.3	2
13	Correlation between NM23 protein overexpression and prognostic value and clinicopathologic features of ovarian cancer: a meta-analysis. <i>Archives of Gynecology and Obstetrics</i> , 2018 , 297, 449-458	2.5	1

12	CG6015 controls spermatogonia transit-amplifying divisions by epidermal growth factor receptor signaling in <i>Drosophila</i> testes. <i>Cell Death and Disease</i> , 2021 , 12, 491	9.8	1
11	E3 ubiquitin ligase ASB17 is required for spermiation in mice.. <i>Translational Andrology and Urology</i> , 2021 , 10, 4320-4332	2.3	1
10	Somatic CG6015 mediates cyst stem cell maintenance and germline stem cell differentiation via EGFR signaling in <i>Drosophila</i> testes. <i>Cell Death Discovery</i> , 2021 , 7, 68	6.9	0
9	BMI1 promotes spermatogonial stem cell maintenance by epigenetically repressing Wnt10b/Ecatenin signaling.. <i>International Journal of Biological Sciences</i> , 2022 , 18, 2807-2820	11.2	0
8	The plasminogen receptor directs maintenance of spermatogonial stem cells by targeting BMI1.. <i>Molecular Biology Reports</i> , 2022 , 1	2.8	0
7	BMI1 promotes osteosarcoma proliferation and metastasis by repressing the transcription of SIK1.. <i>Cancer Cell International</i> , 2022 , 22, 136	6.4	0
6	LINC00624/TEX10/NF- κ B axis promotes proliferation and migration of human prostate cancer cells.. <i>Biochemical and Biophysical Research Communications</i> , 2022 , 601, 1-8	3.4	0
5	Long non-coding RNA promotes proliferation and migration of human gastric cancer cells HGC-27 via the human antigen R-F11R pathway.. <i>Journal of International Medical Research</i> , 2022 , 50, 3000605221093135	1.4	0
4	Testis-enriched is not required for spermatogenesis and fertility in mice.. <i>Translational Andrology and Urology</i> , 2022 , 11, 168-178	2.3	
3	Genetic analysis and intracytoplasmic sperm injection outcomes of Chinese patients with congenital bilateral absence of vas deferens.. <i>Journal of Assisted Reproduction and Genetics</i> , 2022 , 1	3.4	
2	SYMPK Is Required for Meiosis and Involved in Alternative Splicing in Male Germ Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 715733	5.7	
1	Quantitative proteomics and functional analysis identified novel targets for missed abortion. <i>Experimental Cell Research</i> , 2022 , 417, 113216	4.2	