Chao Yu

List of Publications by Year
in descending order

36 papers	1,492 citations	394421 19 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	2022 citing authors

#	Article	IF	Citations
1	BTG4 is a meiotic cell cycleâ€“coupled maternal-zygotic-transition licensing factor in oocytes. Nature Structural and Molecular Biology, 2016, 23, 387-394.	8.2	209
2	Oocyte-expressed yes-associated protein is a key activator of the early zygotic genome in mouse. Cell Research, 2016, 26, 275-287.	12.0	108
3	CRL4 Complex Regulates Mammalian Oocyte Survival and Reprogramming by Activation of TET Proteins. Science, 2013, 342, 1518-1521.	12.6	100
4	<scp>CNOT</scp> 6L couples the selective degradation of maternal transcripts to meiotic cell cycle progression in mouse oocyte. EMBO Journal, 2018, 37, .	7.8	97
5	CRL4VprBP E3 Ligase Promotes Monoubiquitylation and Chromatin Binding of TET Dioxygenases. Molecular Cell, 2015, 57, 247-260.	9.7	90
6	CFP1 Regulates Histone H3K4 Trimethylation and Developmental Potential in Mouse Oocytes. Cell Reports, 2017, 20, 1161-1172.	6.4	89
7	YAP/TEAD Co-Activator Regulated Pluripotency and Chemoresistance in Ovarian Cancer Initiated Cells. PLoS ONE, 2014, 9, e109575.	2.5	68
8	A bioactive injectable self-healing anti-inflammatory hydrogel with ultralong extracellular vesicles release synergistically enhances motor functional recovery of spinal cord injury. Bioactive Materials, 2021, 6, 2523-2534.	15.6	68
9	CRL4â€“DCAF1 ubiquitin E3 ligase directs protein phosphatase 2A degradation to control oocyte meiotic maturation. Nature Communications, 2015, 6, 8017.	12.8	62
10	CFP1 coordinates histone H3 lysine-4 trimethylation and meiotic cell cycle progression in mouse oocytes. Nature Communications, 2018, 9, 3477.	12.8	51
11	Selective Smad4 Knockout in Ovarian Preovulatory Follicles Results in Multiple Defects in Ovulation. Molecular Endocrinology, 2013, 27, 966-978.	3.7	50
12	An injectable heparin-Laponite hydrogel bridge FGF4 for spinal cord injury by stabilizing microtubule and improving mitochondrial function. Theranostics, 2019, 9, 7016-7032.	10.0	49
13	Meiosis I progression in spermatogenesis requires a type of testis-specific 20S core proteasome. Nature Communications, 2019, 10, 3387.	12.8	43
14	Protein synthesis and degradation are critical to regulate germline stem cell homeostasis in Drosophila testes. Development (Cambridge), 2016, 143, 2930-45.	2.5	37
15	DNA Topoisomerase II Is Dispensable for Oocyte Meiotic Resumption but Is Essential for Meiotic Chromosome Condensation and Separation in Mice1. Biology of Reproduction, 2013, 89, 118.	2.7	35
16	Stem Cell Transplantation: A Promising Therapy for Spinal Cord Injury. Current Stem Cell Research and Therapy, 2020, 15, 321-331.	1.3	32
17	CBP-CITED4 is required for luteinizing hormone-triggered target gene expression during ovulation. Molecular Human Reproduction, 2014, 20, 850-860.	2.8	26
18	Bioactive Elastic Scaffolds Loaded with Neural Stem Cells Promote Rapid Spinal Cord Regeneration. ACS Biomaterials Science and Engineering, 2020, 6, 6331-6343.	5.2	24

#	Article	IF	Citations
19	SPO16 binds SHOC1 to promote homologous recombination and crossing-over in meiotic prophase I. Science Advances, 2019, 5, eaau9780.	10.3	23
20	CRL4DCAF1 is required in activated oocytes for follicle maintenance and ovulation. Molecular Human Reproduction, 2015, 21, 195-205.	2.8	21
21	Evolutionarily-conserved MZIP2 is essential for crossover formation in mammalian meiosis. Communications Biology, 2018, 1, 147.	4.4	21
22	NAT10-mediated N4-acetylcytidine modification is required for meiosis entry and progression in male germ cells. Nucleic Acids Research, 2022, 50, 10896-10913.	14.5	20
23	CFP1-dependent histone H3K4 trimethylation in murine oocytes facilitates ovarian follicle recruitment and ovulation in a cell-nonautonomous manner. Cellular and Molecular Life Sciences, 2020, 77, 2997-3012.	5.4	19
24	Overexpression of the transcription factors OCT4 and KLF4 improves motor function after spinal cord injury. CNS Neuroscience and Therapeutics, 2020, 26, 940-951.	3.9	18
25	Incidence of and Risk Factors for Medical Adhesiveâ€“Related Skin Injuries Among Patients. Journal of Wound, Ostomy and Continence Nursing, 2020, 47, 576-581.	1.0	15
26	Functional coupling of Tmem74 and HCN1 channels regulates anxiety-like behavior in BLA neurons. Molecular Psychiatry, 2019, 24, 1461-1477.	7.9	14
27	An injectable recombinant human milk fat globuleâ€“epidermal growth factor 8â€“loaded copolymer system for spinal cord injury reduces inflammation through NF-ÎºB and neuronal cell death. Cytotherapy, 2020, 22, 193-203.	0.7	14
28	Ubiquitin-Proteasome Systemâ€“Regulated Protein Degradation in Spermatogenesis. Cells, 2022, 11, 1058.	4.1	14
29	CxxC finger protein 1-mediated histone H3 lysine-4 trimethylation is essential for proper meiotic crossover formation in mice. Development (Cambridge), 2020, 147, .	2.5	13
30	The Application of Neural Stem/Progenitor Cells for Regenerative Therapy of Spinal Cord Injury. Current Stem Cell Research and Therapy, 2019, 14, 495-503.	1.3	13
31	Treatment of distal clavicle fracture with distal radius volar locking compression plate. Chinese Journal of Traumatology - English Edition, 2009, 12, 299-301.	1.4	13
32	TET1 inhibits cell proliferation by inducing RASSF5 expression. Oncotarget, 2017, 8, 86395-86409.	1.8	12
33	The CNOT4 Subunit of the CCR4â€“NOT Complex is Involved in mRNA Degradation, Efficient DNA Damage Repair, and XY Chromosome Crossover during Male Germ Cell Meiosis. Advanced Science, 2021, 8, 2003636.	11.2	11
34	Transplantation Strategies for Spinal Cord Injury Based on Microenvironment Modulation. Current Stem Cell Research and Therapy, 2020, 15, 522-530.	1.3	9
35	Selective inhibition of Tmem74 expression in BLA pyramidal neurons. Molecular Psychiatry, 2019, 24, 1399-1399.	7.9	1
36	Interpreting the Mechanisms by which Integrins Promote the Differentiation of Mesenchymal Stem Cells and Integrin Application Prospects. Current Stem Cell Research and Therapy, 2021, 16, 848-857.	1.3	1