

Chao Yu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,492
citations

394421

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docs citations

37
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	Ubiquitin-Proteasome Systemâ€“Regulated Protein Degradation in Spermatogenesis. <i>Cells</i> , 2022, 11, 1058.	4.1	14
2	NAT10-mediated 4-acetylcytidine modification is required for meiosis entry and progression in male germ cells. <i>Nucleic Acids Research</i> , 2022, 50, 10896-10913.	14.5	20
3	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. <i>Advanced Science</i> , 2021, 8, 2003636.	11.2	11
4	A bioactive injectable self-healing anti-inflammatory hydrogel with ultralong extracellular vesicles release synergistically enhances motor functional recovery of spinal cord injury. <i>Bioactive Materials</i> , 2021, 6, 2523-2534.	15.6	68
5	Interpreting the Mechanisms by which Integrins Promote the Differentiation of Mesenchymal Stem Cells and Integrin Application Prospects. <i>Current Stem Cell Research and Therapy</i> , 2021, 16, 848-857.	1.3	1
6	CFP1-dependent histone H3K4 trimethylation in murine oocytes facilitates ovarian follicle recruitment and ovulation in a cell-nonautonomous manner. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2997-3012.	5.4	19
7	Bioactive Elastic Scaffolds Loaded with Neural Stem Cells Promote Rapid Spinal Cord Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6331-6343.	5.2	24
8	Incidence of and Risk Factors for Medical Adhesiveâ€“Related Skin Injuries Among Patients. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2020, 47, 576-581.	1.0	15
9	An injectable recombinant human milk fat globuleâ€“epidermal growth factor 8â€“loaded copolymer system for spinal cord injury reduces inflammation through NF- κ B and neuronal cell death. <i>Cytotherapy</i> , 2020, 22, 193-203.	0.7	14
10	CxxC finger protein 1-mediated histone H3 lysine-4 trimethylation is essential for proper meiotic crossover formation in mice. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	13
11	Overexpression of the transcription factors OCT4 and KLF4 improves motor function after spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 940-951.	3.9	18
12	Stem Cell Transplantation: A Promising Therapy for Spinal Cord Injury. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 321-331.	1.3	32
13	Transplantation Strategies for Spinal Cord Injury Based on Microenvironment Modulation. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 522-530.	1.3	9
14	Meiosis I progression in spermatogenesis requires a type of testis-specific 20S core proteasome. <i>Nature Communications</i> , 2019, 10, 3387.	12.8	43
15	An injectable heparin-Laponite hydrogel bridge FGF4 for spinal cord injury by stabilizing microtubule and improving mitochondrial function. <i>Theranostics</i> , 2019, 9, 7016-7032.	10.0	49
16	Selective inhibition of Tmem74 expression in BLA pyramidal neurons. <i>Molecular Psychiatry</i> , 2019, 24, 1399-1399.	7.9	1
17	SPO16 binds SHOC1 to promote homologous recombination and crossing-over in meiotic prophase I. <i>Science Advances</i> , 2019, 5, eaau9780.	10.3	23
18	Functional coupling of Tmem74 and HCN1 channels regulates anxiety-like behavior in BLA neurons. <i>Molecular Psychiatry</i> , 2019, 24, 1461-1477.	7.9	14

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19	The Application of Neural Stem/Progenitor Cells for Regenerative Therapy of Spinal Cord Injury. <i>Current Stem Cell Research and Therapy</i> , 2019, 14, 495-503.	1.3	13
20	<scp>CNOT</scp> 6L couples the selective degradation of maternal transcripts to meiotic cell cycle progression in mouse oocyte. <i>EMBO Journal</i> , 2018, 37, .	7.8	97
21	Evolutionarily-conserved MZIP2 is essential for crossover formation in mammalian meiosis. <i>Communications Biology</i> , 2018, 1, 147.	4.4	21
22	CFP1 coordinates histone H3 lysine-4 trimethylation and meiotic cell cycle progression in mouse oocytes. <i>Nature Communications</i> , 2018, 9, 3477.	12.8	51
23	CFP1 Regulates Histone H3K4 Trimethylation and Developmental Potential in Mouse Oocytes. <i>Cell Reports</i> , 2017, 20, 1161-1172.	6.4	89
24	TET1 inhibits cell proliferation by inducing RASSF5 expression. <i>Oncotarget</i> , 2017, 8, 86395-86409.	1.8	12
25	BTG4 is a meiotic cell cycle-coupled maternal-zygotic-transition licensing factor in oocytes. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 387-394.	8.2	209
26	Protein synthesis and degradation are critical to regulate germline stem cell homeostasis in <i>Drosophila</i> testes. <i>Development (Cambridge)</i> , 2016, 143, 2930-45.	2.5	37
27	Oocyte-expressed yes-associated protein is a key activator of the early zygotic genome in mouse. <i>Cell Research</i> , 2016, 26, 275-287.	12.0	108
28	CRL4VprBP E3 Ligase Promotes Monoubiquitylation and Chromatin Binding of TET Dioxygenases. <i>Molecular Cell</i> , 2015, 57, 247-260.	9.7	90
29	CRL4DCAF1 is required in activated oocytes for follicle maintenance and ovulation. <i>Molecular Human Reproduction</i> , 2015, 21, 195-205.	2.8	21
30	CRL4DCAF1 ubiquitin E3 ligase directs protein phosphatase 2A degradation to control oocyte meiotic maturation. <i>Nature Communications</i> , 2015, 6, 8017.	12.8	62
31	YAP/TEAD Co-Activator Regulated Pluripotency and Chemoresistance in Ovarian Cancer Initiated Cells. <i>PLoS ONE</i> , 2014, 9, e109575.	2.5	68
32	CBP-CITED4 is required for luteinizing hormone-triggered target gene expression during ovulation. <i>Molecular Human Reproduction</i> , 2014, 20, 850-860.	2.8	26
33	CRL4 Complex Regulates Mammalian Oocyte Survival and Reprogramming by Activation of TET Proteins. <i>Science</i> , 2013, 342, 1518-1521.	12.6	100
34	Selective Smad4 Knockout in Ovarian Preovulatory Follicles Results in Multiple Defects in Ovulation. <i>Molecular Endocrinology</i> , 2013, 27, 966-978.	3.7	50
35	DNA Topoisomerase II Is Dispensable for Oocyte Meiotic Resumption but Is Essential for Meiotic Chromosome Condensation and Separation in Mice1. <i>Biology of Reproduction</i> , 2013, 89, 118.	2.7	35
36	Treatment of distal clavicle fracture with distal radius volar locking compression plate. <i>Chinese Journal of Traumatology - English Edition</i> , 2009, 12, 299-301.	1.4	13