

Yuchuan Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

743
citations

759233

12
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839539

18
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18
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18
docs citations

18
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Mettl3-/Mettl14-mediated mRNA N6-methyladenosine modulates murine spermatogenesis. <i>Cell Research</i> , 2017, 27, 1216-1230.	12.0	298
2	An Epididymis-Specific Secretory Protein HongrES1 Critically Regulates Sperm Capacitation and Male Fertility. <i>PLoS ONE</i> , 2008, 3, e4106.	2.5	78
3	Acetylproteomic Analysis Reveals Functional Implications of Lysine Acetylation in Human Spermatozoa (sperm). <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1009-1023.	3.8	70
4	Lipopolysaccharide-Induced Epididymitis Disrupts Epididymal Beta-Defensin Expression and Inhibits Sperm Motility in Rats1. <i>Biology of Reproduction</i> , 2010, 83, 1064-1070.	2.7	53
5	A sequence of 28S rRNA-derived small RNAs is enriched in mature sperm and various somatic tissues and possibly associates with inflammation. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 256-259.	3.3	45
6	CRISPR/Cas9-mediated genome editing reveals the synergistic effects of β -defensin family members on sperm maturation in rat epididymis. <i>FASEB Journal</i> , 2018, 32, 1354-1363.	0.5	26
7	Sperm epigenetic alterations contribute to inter- and transgenerational effects of paternal exposure to long-term psychological stress via evading offspring embryonic reprogramming. <i>Cell Discovery</i> , 2021, 7, 101.	6.7	26
8	Tripeptidyl Peptidase II Regulates Sperm Function by Modulating Intracellular Ca ²⁺ Stores via the Ryanodine Receptor. <i>PLoS ONE</i> , 2013, 8, e66634.	2.5	24
9	EMC10 governs male fertility via maintaining sperm ion balance. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 503-514.	3.3	23
10	Epididymal Region-Specific miRNA Expression and DNA Methylation and Their Roles in Controlling Gene Expression in Rats. <i>PLoS ONE</i> , 2015, 10, e0124450.	2.5	21
11	Impaired sperm maturation in conditional Lcn6 knockout mice. <i>Biology of Reproduction</i> , 2018, 98, 28-41.	2.7	17
12	Cholecystokinin receptors regulate sperm protein tyrosine phosphorylation via uptake of HCO ₃ ⁻ . <i>Reproduction</i> , 2015, 150, 257-268.	2.6	13
13	Bisphenol A accelerates capacitation-associated protein tyrosine phosphorylation of rat sperm by activating protein kinase A. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 573-580.	2.0	13
14	Reassessment of the Proteomic Composition and Function of Extracellular Vesicles in the Seminal Plasma. <i>Endocrinology</i> , 2022, 163, .	2.8	12
15	Transient receptor potential-canonical 3 modulates sperm motility and capacitation-associated protein tyrosine phosphorylation via [Ca ²⁺] _i mobilization. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 404-413.	2.0	7
16	Ccdc87 is critical for sperm function and male fertility. <i>Biology of Reproduction</i> , 2018, 99, 817-827.	2.7	7
17	Dietary restriction and/or exercise training impairs spermatogenesis in normal rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 229-237.	1.9	6
18	DICER1 regulates antibacterial function of epididymis by modulating transcription of β -defensins. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 408-420.	3.3	4