

# Yuchuan Zhou

## List of Publications by Year in descending order

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18  
papers

743  
citations

759233

12  
h-index

839539

18  
g-index

18  
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18  
docs citations

18  
times ranked

1116  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Reassessment of the Proteomic Composition and Function of Extracellular Vesicles in the Seminal Plasma. <i>Endocrinology</i> , 2022, 163, .   | 2.8  | 12        |
| 2  | 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         |
| 3  | 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        |
| 4  | DICER1 regulates antibacterial function of epididymis by modulating transcription of $\beta$ -defensins. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 408-420.  | 3.3  | 4         |
| 5  | EMC10 governs male fertility via maintaining sperm ion balance. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 503-514.   | 3.3  | 23        |
| 6  | Ccdc87 is critical for sperm function and male fertility. <i>Biology of Reproduction</i> , 2018, 99, 817-827.   | 2.7  | 7         |
| 7  | Impaired sperm maturation in conditional Lcn6 knockout mice. <i>Biology of Reproduction</i> , 2018, 98, 28-41.  | 2.7  | 17        |
| 8  | CRISPR/Cas9-mediated genome editing reveals the synergistic effects of $\beta$ -defensin family members on sperm maturation in rat epididymis. <i>FASEB Journal</i> , 2018, 32, 1354-1363.                                      | 0.5  | 26        |
| 9  | 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        |
| 10 | Mettl3-/Mettl14-mediated mRNA N6-methyladenosine modulates murine spermatogenesis. <i>Cell Research</i> , 2017, 27, 1216-1230.  | 12.0 | 298       |
| 11 | 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        |
| 12 | 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         |
| 13 | Cholecystokinin receptors regulate sperm protein tyrosine phosphorylation via uptake of $HCO_3^-$ . <i>Reproduction</i> , 2015, 150, 257-268.   | 2.6  | 13        |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | Lipopolysaccharide-Induced Epididymitis Disrupts Epididymal Beta-Defensin Expression and Inhibits Sperm Motility in Rats. <i>Biology of Reproduction</i> , 2010, 83, 1064-1070.   | 2.7  | 53        |
| 18 | An Epididymis-Specific Secretory Protein HongrES1 Critically Regulates Sperm Capacitation and Male Fertility. <i>PLoS ONE</i> , 2008, 3, e4106.   | 2.5  | 78        |