

Xiaolong Wu

List of Publications by Year in descending order

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25
papers

371
citations

1040056

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all docs

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docs citations

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times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Human obstructive (postvasectomy) and nonobstructive azoospermia â€“ Insights from scRNA-Seq and transcriptome analysis. <i>Genes and Diseases</i> , 2022, 9, 766-776.	3.4	13
2	Single-cell ATAC-Seq reveals cell type-specific transcriptional regulation and unique chromatin accessibility in human spermatogenesis. <i>Human Molecular Genetics</i> , 2022, 31, 321-333.	2.9	22
3	mTORC1/rpS6 and p-FAK-Y407 signaling regulate spermatogenesis: Insights from studies of the adjuvant pharmaceutical/toxicant model. <i>Seminars in Cell and Developmental Biology</i> , 2022, 121, 53-62.	5.0	4
4	A laminin-based local regulatory network in the testis that supports spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2022, 121, 40-52.	5.0	7
5	Planar cell polarity (PCP) proteins support spermatogenesis through cytoskeletal organization in the testis. <i>Seminars in Cell and Developmental Biology</i> , 2022, 121, 99-113.	5.0	11
6	Role of laminin and collagen chains in human spermatogenesis â€“ Insights from studies in rodents and scRNA-Seq transcriptome profiling. <i>Seminars in Cell and Developmental Biology</i> , 2022, 121, 125-132.	5.0	7
7	PCP Protein Inversin Regulates Testis Function Through Changes in Cytoskeletal Organization of Actin and Microtubules. <i>Endocrinology</i> , 2022, 163, .	2.8	6
8	Cell-Cell Interaction-Mediated Signaling in the Testis Induces Reproductive Dysfunctionâ€”Lesson from the Toxicant/Pharmaceutical Models. <i>Cells</i> , 2022, 11, 591.	4.1	7
9	Multimomics analysis of male infertility. <i>Biology of Reproduction</i> , 2022, 107, 118-134.	2.7	11
10	Male Infertility in Humans: An Update on Non-obstructive Azoospermia (NOA) and Obstructive Azoospermia (OA). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1288, 161-173.	1.6	13
11	Motor Proteins and Spermatogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1288, 131-159.	1.6	10
12	Mn(II)-Catalysed ortho-alkenylation of aromatic amines and its application in reproductive diseases. <i>RSC Advances</i> , 2021, 11, 164-167.	3.6	3
13	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.	6.3	8
14	AKAP9 supports spermatogenesis through its effects on microtubule and actin cytoskeletons in the rat testis. <i>FASEB Journal</i> , 2021, 35, e21925.	0.5	3
15	Signaling Proteins That Regulate Spermatogenesis Are the Emerging Target of Toxicant-Induced Male Reproductive Dysfunction. <i>Frontiers in Endocrinology</i> , 2021, 12, 800327.	3.5	4
16	Microtubule-associated proteins (MAPs) in microtubule cytoskeletal dynamics and spermatogenesis. <i>Histology and Histopathology</i> , 2021, 36, 249-265.	0.7	6
17	Tethering of Telomeres to the Nuclear Envelope Is Mediated by SUN1-MAJIN and Possibly Promoted by SPDYA-CDK2 During Meiosis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 845.	3.7	8
18	Actin binding proteins, actin cytoskeleton and spermatogenesis â€“ Lesson from toxicant models. <i>Reproductive Toxicology</i> , 2020, 96, 76-89.	2.9	22

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19	Unraveling epigenomic abnormality in azoospermic human males by WGBS, RNA-Seq, and transcriptome profiling analyses. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 789-802.	2.5	21
20	Nicotine affects rat Leydig cell function in vivo and vitro via down-regulating some key steroidogenic enzyme expressions. <i>Food and Chemical Toxicology</i> , 2017, 110, 13-24.	3.6	29
21	A brief exposure to cadmium impairs Leydig cell regeneration in the adult rat testis. <i>Scientific Reports</i> , 2017, 7, 6337.	3.3	93
22	A Short-Term Exposure to Tributyltin Blocks Leydig Cell Regeneration in the Adult Rat Testis. <i>Frontiers in Pharmacology</i> , 2017, 8, 704.	3.5	38
23	Butylated Hydroxyanisole Potently Inhibits Rat and Human 11 β -Hydroxysteroid Dehydrogenase Type 2. <i>Pharmacology</i> , 2016, 97, 10-17.	2.2	9
24	Zearalenone Inhibits Rat and Human 11 β -Hydroxysteroid Dehydrogenase Type 2. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	11
25	Determination of Caudatin in Rat Plasma by UPLC-MS/MS: Application to a Preclinical Pharmacokinetic Study. <i>Pharmacology</i> , 2015, 96, 49-54.	2.2	5