Haiqi Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1042948/publications.pdf

Version: 2024-02-01

25	812	430442	610482
papers	citations	18 h-index	24 g-index

29	29	29	740
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Male germ cells support long-term propagation of Zika virus. Nature Communications, 2018, 9, 2090.	5.8	75
2	rpS6 Regulates Blood-Testis Barrier Dynamics Through Arp3-Mediated Actin Microfilament Organization in Rat Sertoli Cells. An In Vitro Study. Endocrinology, 2015, 156, 1900-1913.	1.4	64
3	Efficient, continuous mutagenesis in human cells using a pseudo-random DNA editor. Nature Biotechnology, 2020, 38, 165-168.	9.4	59
4	Dissecting mammalian spermatogenesis using spatial transcriptomics. Cell Reports, 2021, 37, 109915.	2.9	54
5	Regulation of the bloodâ€testis barrier by a local axis in the testis: role of laminin Î±2 in the basement membrane. FASEB Journal, 2017, 31, 584-597.	0.2	46
6	Basement Membrane Laminin Î±2 Regulation of BTB Dynamics via Its Effects on F-Actin and Microtubule Cytoskeletons Is Mediated Through mTORC1 Signaling. Endocrinology, 2017, 158, 963-978.	1.4	39
7	In vivo hypermutation and continuous evolution. Nature Reviews Methods Primers, 2022, 2, .	11.8	39
8	Perfluorooctanesulfonate (PFOS)-induced Sertoli cell injury through a disruption of F-actin and microtubule organization is mediated by Akt1/2. Scientific Reports, 2017, 7, 1110.	1.6	38
9	Regulation of spermatogenesis by a local functional axis in the testis: role of the basement membraneâ€“derived noncollagenous 1 domain peptide. FASEB Journal, 2017, 31, 3587-3607.	0.2	38
10	mTORC1/rpS6 regulates blood-testis barrier dynamics and spermatogenetic function in the testis in vivo. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E174-E190.	1.8	38
11	Sperm Release at Spermiation Is Regulated by Changes in the Organization of Actin- and Microtubule-Based Cytoskeletons at the Apical Ectoplasmic Specializationâ€”A Study Using the Adjudin Model. Endocrinology, 2017, 158, 4300-4316.	1.4	36
12	Rescue of perfluorooctanesulfonate (PFOS)-mediated Sertoli cell injury by overexpression of gap junction protein connexin 43. Scientific Reports, 2016, 6, 29667.	1.6	33
13	High-resolution Slide-seqV2 spatial transcriptomics enables discovery of disease-specific cell neighborhoods and pathways. IScience, 2022, 25, 104097.	1.9	32
14	Planar Cell Polarity (PCP) Protein Vangl2 Regulates Ectoplasmic Specialization Dynamics via Its Effects on Actin Microfilaments in the Testes of Male Rats. Endocrinology, 2016, 157, 2140-2159.	1.4	29
15	Cell polarity, cell adhesion, and spermatogenesis: role of cytoskeletons. F1000Research, 2017, 6, 1565.	0.8	28
16	Rescue of PFOS-induced human Sertoli cell injury by overexpressing a p-FAK-Y407E phosphomimetic mutant. Scientific Reports, 2017, 7, 15810.	1.6	25
17	Effective Delivery of Male Contraceptives Behind the Blood-Testis Barrier (BTB) â€“ Lesson from Adjudin. Current Medicinal Chemistry, 2016, 23, 701-713.	1.2	23
18	Vangl2 regulates spermatid planar cell polarity through microtubule (MT)-based cytoskeleton in the rat testis. Cell Death and Disease, 2018, 9, 340.	2.7	20

#	Article	IF	Citations
19	Monitoring the Integrity of the Blood-Testis Barrier (BTB): An In Vivo Assay. Methods in Molecular Biology, 2018, 1748, 245-252.	0.4	19
20	Human Spermatogenesis and Its Regulation. , 2017, , 49-72.		16
21	Planar cell polarity (PCP) proteins and spermatogenesis. Seminars in Cell and Developmental Biology, 2016, 59, 99-109.	2.3	14
22	Cell polarity and planar cell polarity (PCP) in spermatogenesis. Seminars in Cell and Developmental Biology, 2018, 81, 71-77.	2.3	13
23	F5-peptide enhances the efficacy of the non-hormonal male contraceptive adjudin. Contraception, 2019, 99, 350-356.	0.8	8
24	Single-Cell Transcriptomics Reveal Disrupted Kidney Filter Cell-Cell Interactions after Early and Selective Podocyte Injury. American Journal of Pathology, 2022, 192, 281-294.	1.9	7
25	Drebrin and Spermatogenesis. Advances in Experimental Medicine and Biology, 2017, 1006, 291-312.	0.8	4