

# Su-Ren Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6863417/publications.pdf>

Version: 2024-02-01

42  
papers

1,411  
citations

361413

20  
h-index

345221

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2057  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of spermatogonial stem cell self-renewal and spermatocyte meiosis by Sertoli cell signaling. <i>Reproduction</i> , 2015, 149, R159-R167.	2.6	210
2	Molecular genetics of infertility: loss-of-function mutations in humans and corresponding knockout/mutated mice. <i>Human Reproduction Update</i> , 2021, 27, 154-189.	10.8	122
3	Testicular germ cell tumor: a comprehensive review. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1713-1727.	5.4	98
4	Mechanisms of Long Non-Coding RNAs in Cancers and Their Dynamic Regulations. <i>Cancers</i> , 2020, 12, 1245.	3.7	95
5	Loss of <i>Gata4</i> in Sertoli cells impairs the spermatogonial stem cell niche and causes germ cell exhaustion by attenuating chemokine signaling. <i>Oncotarget</i> , 2015, 6, 37012-37027.	1.8	64
6	Sodium-hydrogen exchanger NHA1 and NHA2 control sperm motility and male fertility. <i>Cell Death and Disease</i> , 2016, 7, e2152-e2152.	6.3	53
7	Cyclin B2 can compensate for Cyclin B1 in oocyte meiosis I. <i>Journal of Cell Biology</i> , 2018, 217, 3901-3911.	5.2	53
8	The Heat-Induced Reversible Change in the Blood-Testis Barrier (BTB) Is Regulated by the Androgen Receptor (AR) via the Partitioning-Defective Protein (Par) Polarity Complex in the Mouse1. <i>Biology of Reproduction</i> , 2013, 89, 12.	2.7	49
9	Melatonin promotes sheep Leydig cell testosterone secretion in a co-culture with Sertoli cells. <i>Theriogenology</i> , 2018, 106, 170-177.	2.1	49
10	The control of male fertility by spermatid-specific factors: searching for contraceptive targets from spermatozoons' head to tail. <i>Cell Death and Disease</i> , 2016, 7, e2472-e2472.	6.3	45
11	Melatonin promotes development of haploid germ cells from early developing spermatogenic cells of <i>Suffolk</i> sheep under in vitro condition. <i>Journal of Pineal Research</i> , 2016, 60, 435-447.	7.4	42
12	A miR-125b/CSF1-CX3CL1/tumor-associated macrophage recruitment axis controls testicular germ cell tumor growth. <i>Cell Death and Disease</i> , 2018, 9, 962.	6.3	39
13	Serine protease and ovarian paracrine factors in regulation of ovulation. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 650.	3.0	34
14	Requirement for CCNB1 in mouse spermatogenesis. <i>Cell Death and Disease</i> , 2017, 8, e3142-e3142.	6.3	34
15	Wt1 deficiency causes undifferentiated spermatogonia accumulation and meiotic progression disruption in neonatal mice. <i>Reproduction</i> , 2014, 147, 45-52.	2.6	31
16	Androgen receptor in Sertoli cells regulates DNA double-strand break repair and chromosomal synapsis of spermatocytes partially through intercellular EGF-EGFR signaling. <i>Oncotarget</i> , 2016, 7, 18722-18735.	1.8	30
17	The Wilms Tumor Gene, Wt1, Maintains Testicular Cord Integrity by Regulating the Expression of Col4a1 and Col4a21. <i>Biology of Reproduction</i> , 2013, 88, 56.	2.7	28
18	Regulation of blood-testis barrier assembly <i>in vivo</i> by germ cells. <i>FASEB Journal</i> , 2018, 32, 1653-1664.	0.5	28

#	ARTICLE	IF	CITATIONS
19	Testis Cord Maintenance in Mouse Embryos: Genes and Signaling1. <i>Biology of Reproduction</i> , 2016, 94, 42.	2.7	24
20	EZH2 deletion promotes spermatogonial differentiation and apoptosis. <i>Reproduction</i> , 2017, 154, 615-625.	2.6	24
21	Disruption of genital ridge development causes aberrant primordial germ cell proliferation but does not affect their directional migration. <i>BMC Biology</i> , 2013, 11, 22.	3.8	22
22	Elevated intracellular pH appears in aged oocytes and causes oocyte aneuploidy associated with the loss of cohesion in mice. <i>Cell Cycle</i> , 2016, 15, 2454-2463.	2.6	22
23	The perinuclear theca protein Calicin helps shape the sperm head and maintain the nuclear structure in mice. <i>Cell Reports</i> , 2022, 40, 111049.	6.4	22
24	Merotelic kinetochore attachment in oocyte meiosis II causes sister chromatids segregation errors in aged mice. <i>Cell Cycle</i> , 2017, 16, 1404-1413.	2.6	20
25	Melatonin up-regulates the expression of the GATA-4 transcription factor and increases testosterone secretion from Leydig cells through ROR $\alpha$ signaling in an in vitro goat spermatogonial stem cell differentiation culture system. <i>Oncotarget</i> , 2017, 8, 110592-110605.	1.8	20
26	Loss of perinuclear theca ACTRT1 causes acrosome detachment and severe male subfertility in mice. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	18
27	CRISPR/Cas9-mediated genome editing induces gene knockdown by altering the pre-mRNA splicing in mice. <i>BMC Biotechnology</i> , 2018, 18, 61.	3.3	17
28	InÂvitro production of functional haploid sperm cells from male germ cells of Saanen dairy goat. <i>Theriogenology</i> , 2017, 90, 120-128.	2.1	16
29	Does murine spermatogenesis require WNT signalling? A lesson from Gpr177 conditional knockout mouse models. <i>Cell Death and Disease</i> , 2016, 7, e2281-e2281.	6.3	14
30	<i>Myh11</i>-Cre is not limited to peritubular myoid cells and interaction between Sertoli and peritubular myoid cells needs investigation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2352.	7.1	14
31	Role of WNT signaling in epididymal sperm maturation. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 229-236.	2.5	14
32	CD83, a Novel MAPK Signaling Pathway Interactor, Determines Ovarian Cancer Cell Fate. <i>Cancers</i> , 2020, 12, 2269.	3.7	12
33	GATA4 is a negative regulator of contractility in testicular peritubular myoid cells. <i>Reproduction</i> , 2018, 156, 343-351.	2.6	8
34	An exploration of the role of Sertoli cells on fetal testis development using cell ablation strategy. <i>Molecular Reproduction and Development</i> , 2020, 87, 223-230.	2.0	8
35	Recent advances in the regulation of testicular germ cell tumors by microRNAs. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 765-776.	3.0	8
36	Biologic response of sperm and seminal plasma to transient testicular heating. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 1401-1425.	3.0	5

#	ARTICLE	IF	CITATIONS
37	Selective deletion of WLS in peritubular myoid cells does not affect spermatogenesis or fertility in mice. <i>Molecular Reproduction and Development</i> , 2018, 85, 559-561.	2.0	4
38	Distinct Metabolic Features of Seminoma and Embryonal Carcinoma Revealed by Combined Transcriptome and Metabolome Analyses. <i>Journal of Proteome Research</i> , 2019, 18, 1819-1826.	3.7	4
39	The mutation c.346-1G&gt;A in <i>SOHLH1</i> impairs sperm production in the homozygous but not in the heterozygous condition. <i>Human Molecular Genetics</i> , 2022, 31, 1013-1021.	2.9	4
40	Selective deletion of <i>Smad4</i> in postnatal germ cells does not affect spermatogenesis or fertility in mice. <i>Molecular Reproduction and Development</i> , 2016, 83, 615-623.	2.0	3
41	Abnormal Meiosis Initiation in Germ Cell Caused by Aberrant Differentiation of Gonad Somatic Cell. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-8.	4.0	3
42	Focuses on the impact of Zika virus infection on the male reproductive tract. <i>National Science Review</i> , 2017, 4, 157-157.	9.5	1