

# Huatao Chen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

610  
citations

15  
h-index

22  
g-index

51  
ext. papers

869  
ext. citations

5.9  
avg, IF

3.86  
L-index

#	Paper	IF	Citations
47	The endoplasmic reticulum stress-mediated unfolded protein response protects against infection of goat endometrial epithelial cells by via autophagy.. <i>Virulence</i> , <b>2022</b> , 13, 122-136	4.7	0
46	Transcriptional Feedback Loops in the Caprine Circadian Clock System.. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 814562	3.1	0
45	BtpB inhibits innate inflammatory responses in goat alveolar macrophages through the TLR/NF- $\kappa$ B pathway and NLRP3 inflammasome during Brucella infection.. <i>Microbial Pathogenesis</i> , <b>2022</b> , 105536	3.8	1
44	Circadian clock regulates granulosa cell autophagy through NR1D1-mediated inhibition of ATG5.. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> ,	5.4	3
43	NR1D1 targeting CYP19A1 inhibits estrogen synthesis in ovarian granulosa cells.. <i>Theriogenology</i> , <b>2021</b> , 180, 17-29	2.8	1
42	African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , <b>2021</b> , 184, 1362-1376. <a href="#">doi:10.1016/j.cell.2021.08.027</a>	36.2	1827
41	promotes prostaglandin E synthesis by upregulating transcription in response to increasing estradiol levels in pregnant mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E747-E759	6	5
40	Zearalenone perturbs the circadian clock and inhibits testosterone synthesis in mouse Leydig cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2021</b> , 84, 112-124	3.2	11
39	Bisphenol A attenuates testosterone production in Leydig cells via the inhibition of NR1D1 signaling. <i>Chemosphere</i> , <b>2021</b> , 263, 128020	8.4	14
38	Hyperpolyploidization of hepatocyte initiates preneoplastic lesion formation in the liver. <i>Nature Communications</i> , <b>2021</b> , 12, 645	17.4	10
37	Trueperella pyogenes pyolysin inhibits lipopolysaccharide-induced inflammatory response in endometrium stromal cells via autophagy- and ATF6-dependent mechanism. <i>Brazilian Journal of Microbiology</i> , <b>2021</b> , 52, 939-952	2.2	3
36	Luman/CREB3 knock-down inhibit hCG induced MLTC-1 apoptosis. <i>Theriogenology</i> , <b>2021</b> , 161, 140-150	2.8	1
35	Circadian clock gene BMAL1 controls testosterone production by regulating steroidogenesis-related gene transcription in goat Leydig cells. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 6706-6725	7	9
34	Glyphosate exposure attenuates testosterone synthesis via NR1D1 inhibition of StAR expression in mouse Leydig cells. <i>Science of the Total Environment</i> , <b>2021</b> , 785, 147323	10.2	4
33	Circadian regulation of apolipoprotein gene expression affects testosterone production in mouse testis. <i>Theriogenology</i> , <b>2021</b> , 174, 9-19	2.8	6
32	Integrated Proteomic and Transcriptomic Analyses Reveal the Roles of Homolog of BAX Inhibitor 1 in Cell Division and Membrane Homeostasis of S2. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 632095	5.7	0
31	Adverse effects of circadian desynchrony on the male reproductive system: an epidemiological and experimental study. <i>Human Reproduction</i> , <b>2020</b> , 35, 1515-1528	5.7	13

30	Selenium Attenuates Chronic Heat Stress-Induced Apoptosis via the Inhibition of Endoplasmic Reticulum Stress in Mouse Granulosa Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	16
29	Bta-miR-34b inhibits proliferation and promotes apoptosis via the MEK/ERK pathway by targeting MAP2K1 in bovine primary Sertoli cells. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	4
28	Prostaglandin F <sub>2</sub> α Induces Goat Corpus Luteum Regression via Endoplasmic Reticulum Stress and Autophagy. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 868	4.6	4
27	ER stress activation impairs the expression of circadian clock and clock-controlled genes in NIH3T3 cells via an ATF4-dependent mechanism. <i>Cellular Signalling</i> , <b>2019</b> , 57, 89-101	4.9	19
26	Inhibition of Luman/CREB3 expression leads to the upregulation of testosterone synthesis in mouse Leydig cells. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 15257	7	6
25	COP55 negatively regulates goat endometrial function via the ERN1 and mTOR-autophagy pathways during early pregnancy. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 18666-18678	7	5
24	Coordination between the circadian clock and androgen signaling is required to sustain rhythmic expression of in mouse liver. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 7046-7056	5.4	10
23	HERP depletion inhibits zearalenone-induced apoptosis through autophagy activation in mouse ovarian granulosa cells. <i>Toxicology Letters</i> , <b>2019</b> , 301, 1-10	4.4	21
22	CREB3 regulatory factor -mTOR-autophagy regulates goat endometrial function during early pregnancy. <i>Biology of Reproduction</i> , <b>2018</b> , 98, 713-721	3.9	18
21	Interferon-γ regulates prostaglandin release in goat endometrial stromal cells via JAB1 - unfolded protein response pathway. <i>Theriogenology</i> , <b>2018</b> , 113, 237-246	2.8	5
20	induces unfolded protein response and inflammatory response via GntR in alveolar macrophages. <i>Oncotarget</i> , <b>2018</b> , 9, 5184-5196	3.3	7
19	Hormone regulates endometrial function via cooperation of endoplasmic reticulum stress and mTOR-autophagy. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 6644-6659	7	11
18	Activation of CREBZF Increases Cell Apoptosis in Mouse Ovarian Granulosa Cells by Regulating the ERK1/2 and mTOR Signaling Pathways. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	5
17	ATF6 knockdown decreases apoptosis, arrests the S phase of the cell cycle, and increases steroid hormone production in mouse granulosa cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2017</b> , 312, C341-C353	5.4	38
16	Circadian clock and steroidogenic-related gene expression profiles in mouse Leydig cells following dexamethasone stimulation. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 294-300	3.4	25
15	Apoptosis inducing factor gene depletion inhibits zearalenone-induced cell death in a goat Leydig cell line. <i>Reproductive Toxicology</i> , <b>2017</b> , 67, 129-139	3.4	22
14	Knock-down of apoptosis inducing factor gene protects endoplasmic reticulum stress-mediated goat granulosa cell apoptosis. <i>Theriogenology</i> , <b>2017</b> , 88, 89-97	2.8	26
13	An immortalized steroidogenic goat granulosa cell line as a model system to study the effect of the endoplasmic reticulum (ER)-stress response on steroidogenesis. <i>Journal of Reproduction and Development</i> , <b>2017</b> , 63, 27-36	2.1	14

12	Circadian clock regulates hepatic polyploidy by modulating Mkp1-Erk1/2 signaling pathway. <i>Nature Communications</i> , <b>2017</b> , 8, 2238	17.4	15
11	Generation of $\beta$ -lactoglobulin-modified transgenic goats by homologous recombination. <i>FEBS Journal</i> , <b>2016</b> , 283, 4600-4613	5.7	10
10	The nuclear receptor REV-ERB $\beta$ represses the transcription of growth/differentiation factor 10 and 15 genes in rat endometrium stromal cells. <i>Physiological Reports</i> , <b>2016</b> , 4, e12663	2.6	15
9	Removal of Rev-erb $\beta$ inhibition contributes to the prostaglandin G/H synthase 2 expression in rat endometrial stromal cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 308, E650-61	6	17
8	Inhibitory role of REV-ERB $\beta$ in the expression of bone morphogenetic protein gene family in rat uterus endometrium stromal cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 308, C528-38	5.4	14
7	Integration of the nuclear receptor REV-ERB $\beta$ linked with circadian oscillators in the expressions of <i>Alas1</i> , <i>Ppargc1a</i> , and <i>Il6</i> genes in rat granulosa cells. <i>Chronobiology International</i> , <b>2015</b> , 32, 739-49	3.6	10
6	REV-ERB $\beta$ inhibits the <i>PTGS2</i> expression in bovine uterus endometrium stromal and epithelial cells exposed to ovarian steroids. <i>Journal of Reproduction and Development</i> , <b>2014</b> , 60, 362-70	2.1	5
5	Profiling of circadian genes expressed in the uterus endometrial stromal cells of pregnant rats as revealed by DNA microarray coupled with RNA interference. <i>Frontiers in Endocrinology</i> , <b>2013</b> , 4, 82	5.7	18
4	Downregulation of core clock gene <i>Bmal1</i> attenuates expression of progesterone and prostaglandin biosynthesis-related genes in rat luteinizing granulosa cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2013</b> , 304, C1131-40	5.4	47
3	FSH induces the development of circadian clockwork in rat granulosa cells via a gap junction protein <i>Cx43</i> -dependent pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E566-75	6	37
2	Rev-erb $\beta$ regulates circadian rhythms and <i>StAR</i> expression in rat granulosa cells as identified by the agonist GSK4112. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 420, 374-9	3.4	27
1	Contribution of FSH and triiodothyronine to the development of circadian clocks during granulosa cell maturation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E645-53	6	29