

Huatao Chen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4215560/huatao-chen-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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 | Downregulation of core clock gene Bmal1 attenuates expression of progesterone and prostaglandin biosynthesis-related genes in rat luteinizing granulosa cells. <i>American Journal of Physiology - Cell Physiology</i> , 2013 , 304, C1131-40 | 5.4 | 47 |
| 46 | 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> , 2017 , 312, C341-C353 | 5.4 | 38 |
| 45 | FSH induces the development of circadian clockwork in rat granulosa cells via a gap junction protein Cx43-dependent pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E566-75 | 6 | 37 |
| 44 | Contribution of FSH and triiodothyronine to the development of circadian clocks during granulosa cell maturation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 302, E645-53 | 6 | 29 |
| 43 | Rev-erb α regulates circadian rhythms and StAR expression in rat granulosa cells as identified by the agonist GSK4112. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 374-9 | 3.4 | 27 |
| 42 | African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , 2021 , 184, 1362-1376.e1827 | 36.2 | 27 |
| 41 | Knock-down of apoptosis inducing factor gene protects endoplasmic reticulum stress-mediated goat granulosa cell apoptosis. <i>Theriogenology</i> , 2017 , 88, 89-97 | 2.8 | 26 |
| 40 | Circadian clock and steroidogenic-related gene expression profiles in mouse Leydig cells following dexamethasone stimulation. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 483, 294-300 | 3.4 | 25 |
| 39 | Apoptosis inducing factor gene depletion inhibits zearalenone-induced cell death in a goat Leydig cell line. <i>Reproductive Toxicology</i> , 2017 , 67, 129-139 | 3.4 | 22 |
| 38 | HERP depletion inhibits zearalenone-induced apoptosis through autophagy activation in mouse ovarian granulosa cells. <i>Toxicology Letters</i> , 2019 , 301, 1-10 | 4.4 | 21 |
| 37 | 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> , 2019 , 57, 89-101 | 4.9 | 19 |
| 36 | CREB3 regulatory factor -mTOR-autophagy regulates goat endometrial function during early pregnancy. <i>Biology of Reproduction</i> , 2018 , 98, 713-721 | 3.9 | 18 |
| 35 | 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> , 2013 , 4, 82 | 5.7 | 18 |
| 34 | Removal of Rev-erb α inhibition contributes to the prostaglandin G/H synthase 2 expression in rat endometrial stromal cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E650-61 | 6 | 17 |
| 33 | Selenium Attenuates Chronic Heat Stress-Induced Apoptosis via the Inhibition of Endoplasmic Reticulum Stress in Mouse Granulosa Cells. <i>Molecules</i> , 2020 , 25, | 4.8 | 16 |
| 32 | Circadian clock regulates hepatic polyploidy by modulating Mkp1-Erk1/2 signaling pathway. <i>Nature Communications</i> , 2017 , 8, 2238 | 17.4 | 15 |
| 31 | The nuclear receptor REV-ERB α represses the transcription of growth/differentiation factor 10 and 15 genes in rat endometrium stromal cells. <i>Physiological Reports</i> , 2016 , 4, e12663 | 2.6 | 15 |

| | | | |
|----|---|------|----|
| 30 | Inhibitory role of REV-ERB α in the expression of bone morphogenetic protein gene family in rat uterus endometrium stromal cells. <i>American Journal of Physiology - Cell Physiology</i> , 2015 , 308, C528-38 | 5.4 | 14 |
| 29 | 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> , 2017 , 63, 27-36 | 2.1 | 14 |
| 28 | Bisphenol A attenuates testosterone production in Leydig cells via the inhibition of NR1D1 signaling. <i>Chemosphere</i> , 2021 , 263, 128020 | 8.4 | 14 |
| 27 | Adverse effects of circadian desynchrony on the male reproductive system: an epidemiological and experimental study. <i>Human Reproduction</i> , 2020 , 35, 1515-1528 | 5.7 | 13 |
| 26 | 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> , 2021 , 84, 112-124 | 3.2 | 11 |
| 25 | Hormone regulates endometrial function via cooperation of endoplasmic reticulum stress and mTOR-autophagy. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6644-6659 | 7 | 11 |
| 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> , 2019 , 294, 7046-7056 | 5.4 | 10 |
| 23 | Integration of the nuclear receptor REV-ERB α linked with circadian oscillators in the expressions of Alas1, Ppargc1a, and Il6 genes in rat granulosa cells. <i>Chronobiology International</i> , 2015 , 32, 739-49 | 3.6 | 10 |
| 22 | Generation of β -lactoglobulin-modified transgenic goats by homologous recombination. <i>FEBS Journal</i> , 2016 , 283, 4600-4613 | 5.7 | 10 |
| 21 | Hyperpolyploidization of hepatocyte initiates preneoplastic lesion formation in the liver. <i>Nature Communications</i> , 2021 , 12, 645 | 17.4 | 10 |
| 20 | Circadian clock gene BMAL1 controls testosterone production by regulating steroidogenesis-related gene transcription in goat Leydig cells. <i>Journal of Cellular Physiology</i> , 2021 , 236, 6706-6725 | 7 | 9 |
| 19 | induces unfolded protein response and inflammatory response via GntR in alveolar macrophages. <i>Oncotarget</i> , 2018 , 9, 5184-5196 | 3.3 | 7 |
| 18 | Inhibition of Luman/CREB3 expression leads to the upregulation of testosterone synthesis in mouse Leydig cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 15257 | 7 | 6 |
| 17 | Circadian regulation of apolipoprotein gene expression affects testosterone production in mouse testis. <i>Theriogenology</i> , 2021 , 174, 9-19 | 2.8 | 6 |
| 16 | COPS5 negatively regulates goat endometrial function via the ERN1 and mTOR-autophagy pathways during early pregnancy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 18666-18678 | 7 | 5 |
| 15 | Interferon- β regulates prostaglandin release in goat endometrial stromal cells via JAB1 - unfolded protein response pathway. <i>Theriogenology</i> , 2018 , 113, 237-246 | 2.8 | 5 |
| 14 | REV-ERB α inhibits the PTGS2 expression in bovine uterus endometrium stromal and epithelial cells exposed to ovarian steroids. <i>Journal of Reproduction and Development</i> , 2014 , 60, 362-70 | 2.1 | 5 |
| 13 | 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> , 2021 , 320, E747-E759 | 6 | 5 |

| | | | |
|----|--|------|---|
| 12 | 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> , 2018 , 19, | 6.3 | 5 |
| 11 | 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> , 2020 , 98, | 0.7 | 4 |
| 10 | Prostaglandin F ₂ α Induces Goat Corpus Luteum Regression via Endoplasmic Reticulum Stress and Autophagy. <i>Frontiers in Physiology</i> , 2020 , 11, 868 | 4.6 | 4 |
| 9 | Glyphosate exposure attenuates testosterone synthesis via NR1D1 inhibition of StAR expression in mouse Leydig cells. <i>Science of the Total Environment</i> , 2021 , 785, 147323 | 10.2 | 4 |
| 8 | Circadian clock regulates granulosa cell autophagy through NR1D1-mediated inhibition of ATG5.. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , | 5.4 | 3 |
| 7 | Trueperella pyogenes pyolysin inhibits lipopolysaccharide-induced inflammatory response in endometrium stromal cells via autophagy- and ATF6-dependent mechanism. <i>Brazilian Journal of Microbiology</i> , 2021 , 52, 939-952 | 2.2 | 3 |
| 6 | NR1D1 targeting CYP19A1 inhibits estrogen synthesis in ovarian granulosa cells.. <i>Theriogenology</i> , 2021 , 180, 17-29 | 2.8 | 1 |
| 5 | Luman/CREB3 knock-down inhibit hCG induced MLTC-1 apoptosis. <i>Theriogenology</i> , 2021 , 161, 140-150 | 2.8 | 1 |
| 4 | BtpB inhibits innate inflammatory responses in goat alveolar macrophages through the TLR/NF-κB pathway and NLRP3 inflammasome during Brucella infection.. <i>Microbial Pathogenesis</i> , 2022 , 105536 | 3.8 | 1 |
| 3 | 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> , 2021 , 12, 632095 | 5.7 | 0 |
| 2 | The endoplasmic reticulum stress-mediated unfolded protein response protects against infection of goat endometrial epithelial cells by via autophagy.. <i>Virulence</i> , 2022 , 13, 122-136 | 4.7 | 0 |
| 1 | Transcriptional Feedback Loops in the Caprine Circadian Clock System.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 814562 | 3.1 | 0 |