

## List of Publications by Year in descending order

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245  
papers

8,751  
citations

41344

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64796

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265  
docs citations

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times ranked

11830  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Perinatal depressive and anxiety symptoms of pregnant women during the coronavirus disease 2019 outbreak in China. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 240.e1-240.e9.                      | 1.3  | 438       |
| 2  | Transgenerational Glucose Intolerance With <i>Igf2</i> / <i>H19</i> Epigenetic Alterations in Mouse Islet Induced by Intrauterine Hyperglycemia. <i>Diabetes</i> , 2012, 61, 1133-1142.                                  | 0.6  | 239       |
| 3  | Lung regeneration by multipotent stem cells residing at the bronchioalveolar-duct junction. <i>Nature Genetics</i> , 2019, 51, 728-738.  | 21.4 | 231       |
| 4  | Prostate cancer cell malignancy via modulation of HIF-1 $\beta$ pathway with isoflurane and propofol alone and in combination. <i>British Journal of Cancer</i> , 2014, 111, 1338-1349.                                  | 6.4  | 203       |
| 5  | The effects of diabetes on male fertility and epigenetic regulation during spermatogenesis. <i>Asian Journal of Andrology</i> , 2015, 17, 948.   | 1.6  | 203       |
| 6  | Comparison of outcomes after unrelated cord blood and unmanipulated haploidentical stem cell transplantation in adults with acute leukemia. <i>Leukemia</i> , 2015, 29, 1891-1900.                                       | 7.2  | 199       |
| 7  | Clinical application of massively parallel sequencing-based prenatal noninvasive fetal trisomy test for trisomies 21 and 18 in 11% pregnancies with mixed risk factors. <i>Prenatal Diagnosis</i> , 2012, 32, 1225-1232. | 2.3  | 197       |
| 8  | Function of aquaporins in female and male reproductive systems. <i>Human Reproduction Update</i> , 2006, 12, 785-795.  | 10.8 | 190       |
| 9  | Enhancing the precision of genetic lineage tracing using dual recombinases. <i>Nature Medicine</i> , 2017, 23, 1488-1498.  | 30.7 | 188       |
| 10 | Cardiovascular and metabolic profiles of offspring conceived by assisted reproductive technologies: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2017, 107, 622-631.e5.                       | 1.0  | 176       |
| 11 | Correlation of sperm DNA damage with IVF and ICSI outcomes: A systematic review and meta-analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2006, 23, 367-376.   | 2.5  | 159       |
| 12 | Coronavirus disease 2019 among pregnant Chinese women: case series data on the safety of vaginal birth and breastfeeding. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 1109-1115.    | 2.3  | 156       |
| 13 | Activation of the epithelial Na <sup>+</sup> channel triggers prostaglandin E2 release and production required for embryo implantation. <i>Nature Medicine</i> , 2012, 18, 1112-1117.                                    | 30.7 | 136       |
| 14 | FSH regulates fat accumulation and redistribution in aging through the $\text{Ca}^{2+}$ /CREB pathway. <i>Aging Cell</i> , 2015, 14, 409-420.  | 6.7  | 122       |
| 15 | A molecular mechanism underlying ovarian dysfunction of polycystic ovary syndrome: hyperandrogenism induces epigenetic alterations in the granulosa cells. <i>Journal of Molecular Medicine</i> , 2012, 90, 911-923.     | 3.9  | 112       |
| 16 | Proteomic Analysis on the Alteration of Protein Expression in the Placental Villous Tissue of Early Pregnancy Loss. <i>Biology of Reproduction</i> , 2006, 75, 414-420.  | 2.7  | 111       |
| 17 | High bone morphogenetic protein-15 level in follicular fluid is associated with high quality oocyte and subsequent embryonic development. <i>Human Reproduction</i> , 2007, 22, 1526-1531.                               | 0.9  | 110       |
| 18 | Progesterone inhibits Toll-like receptor 4-mediated innate immune response in macrophages by suppressing NF- $\kappa$ B activation and enhancing SOCS1 expression. <i>Immunology Letters</i> , 2009, 125, 151-155.       | 2.5  | 104       |

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|----|--|------|-----------|
| 19 | Overweight and obesity negatively affect the outcomes of ovarian stimulation and <i>in vitro</i> fertilisation: a cohort study of 2628 Chinese women. <i>Gynecological Endocrinology</i> , 2010, 26, 325-332.  | 1.7  | 104       |
| 20 | Follicle-Stimulating Hormone Induces Postmenopausal Dyslipidemia Through Inhibiting Hepatic Cholesterol Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 254-263.  | 3.6  | 102       |
| 21 | High Maternal Serum Estradiol Environment in the First Trimester Is Associated With the Increased Risk of Small-for-Gestational-Age Birth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2217-2224.                                      | 3.6  | 96        |
| 22 | Alternative splicing of the androgen receptor in polycystic ovary syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4743-4748.   | 7.1  | 95        |
| 23 | Bisphenol A Exposure May Induce Hepatic Lipid Accumulation via Reprogramming the DNA Methylation Patterns of Genes Involved in Lipid Metabolism. <i>Scientific Reports</i> , 2016, 6, 31331.   | 3.3  | 91        |
| 24 | Matrix metalloproteinase 2 is associated with changes in steroid hormones in the sera and peritoneal fluid of patients with endometriosis. <i>Fertility and Sterility</i> , 2004, 81, 1235-1239.   | 1.0  | 85        |
| 25 | Low Thyroid Hormone in Early Pregnancy Is Associated With an Increased Risk of Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4237-4243.  | 3.6  | 85        |
| 26 | Insufficient maintenance DNA methylation is associated with abnormal embryonic development. <i>BMC Medicine</i> , 2012, 10, 26.  | 5.5  | 84        |
| 27 | An update on primary ovarian insufficiency. <i>Science China Life Sciences</i> , 2012, 55, 677-686.  | 4.9  | 83        |
| 28 | Ovarian stimulation with GnRH agonist, but not GnRH antagonist, partially restores the expression of endometrial integrin $\alpha 3$ and leukemia-inhibitory factor and improves uterine receptivity in mice. <i>Human Reproduction</i> , 2006, 21, 2521-2529. | 0.9  | 77        |
| 29 | Early Prediction of Gestational Diabetes Mellitus in the Chinese Population via Advanced Machine Learning. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1191-e1205.   | 3.6  | 77        |
| 30 | Poor ovarian response to gonadotropin stimulation is associated with low expression of follicle-stimulating hormone receptor in granulosa cells. <i>Fertility and Sterility</i> , 2007, 87, 1350-1356.   | 1.0  | 74        |
| 31 | Distinct ribotypes and rates of antimicrobial drug resistance in <i>Clostridium difficile</i> from Shanghai and Stockholm. <i>Clinical Microbiology and Infection</i> , 2009, 15, 1170-1173.   | 6.0  | 73        |
| 32 | Aberrant expression and DNA methylation of lipid metabolism genes in PCOS: a new insight into its pathogenesis. <i>Clinical Epigenetics</i> , 2018, 10, 6.   | 4.1  | 72        |
| 33 | A review of hematopoietic cell transplantation in China: data and trends during 2008-2016. <i>Bone Marrow Transplantation</i> , 2017, 52, 1512-1518.   | 2.4  | 71        |
| 34 | Downregulation of miR-320a/383-sponge-like long non-coding RNA NLC1-C (narcolepsy candidate-region) Tj ETQq0 0 0 rgBT /Overlock 1 proliferation. <i>Cell Death and Disease</i> , 2015, 6, e1960-e1960.   | 6.3  | 70        |
| 35 | A comparison between allogeneic stem cell transplantation from unmanipulated haploidentical and unrelated donors in acute leukemia. <i>Journal of Hematology and Oncology</i> , 2017, 10, 24.  | 17.0 | 70        |
| 36 | Sequential expression of long noncoding RNA as mRNA gene expression in specific stages of mouse spermatogenesis. <i>Scientific Reports</i> , 2014, 4, 5966.  | 3.3  | 67        |

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|----|--|------|-----------|
| 37 | Identification of Estrogen Response Element in the Aquaporin-2 Gene That Mediates Estrogen-Induced Cell Migration and Invasion in Human Endometrial Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1399-E1408.        | 3.6  | 65        |
| 38 | Aquaporin-2 expression in human endometrium correlates with serum ovarian steroid hormones. <i>Life Sciences</i> , 2006, 79, 423-429.  | 4.3  | 64        |
| 39 | Functions of water channels in male and female reproductive systems. <i>Molecular Aspects of Medicine</i> , 2012, 33, 676-690.   | 6.4  | 64        |
| 40 | Epigenetic abnormality: A possible mechanism underlying the fetal origin of polycystic ovary syndrome. <i>Medical Hypotheses</i> , 2008, 70, 638-642.  | 1.5  | 59        |
| 41 | Assisted reproductive technology may increase clinical mutation detection in male offspring. <i>Fertility and Sterility</i> , 2008, 90, 92-96.   | 1.0  | 57        |
| 42 | A survey on unmanipulated haploidentical hematopoietic stem cell transplantation in adults with acute leukemia. <i>Leukemia</i> , 2015, 29, 1069-1075.   | 7.2  | 57        |
| 43 | The Effect of Trophoblasts on T Lymphocytes: Possible Regulatory Effector Molecules - A Proteomic Analysis. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 463-472.   | 1.6  | 55        |
| 44 | Genetic and epigenetic risks of assisted reproduction. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2017, 44, 90-104.  | 2.8  | 55        |
| 45 | miR-155 mediates suppressive effect of progesterone on TLR3, TLR4-triggered immune response. <i>Immunology Letters</i> , 2012, 146, 25-30.   | 2.5  | 54        |
| 46 | Aquaporin-1 Plays a Crucial Role in Estrogen-Induced Tubulogenesis of Vascular Endothelial Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E672-E682.   | 3.6  | 54        |
| 47 | Altered aquaporin expression in women with polycystic ovary syndrome: hyperandrogenism in follicular fluid inhibits aquaporin-9 in granulosa cells through the phosphatidylinositol 3-kinase pathway. <i>Human Reproduction</i> , 2010, 25, 1441-1450. | 0.9  | 53        |
| 48 | Endoplasmic reticulum stress induced by oxidative stress in decidual cells: a possible mechanism of early pregnancy loss. <i>Molecular Biology Reports</i> , 2012, 39, 9179-9186.  | 2.3  | 52        |
| 49 | Sustained Endoplasmic Reticulum Stress as a Cofactor of Oxidative Stress in Decidual Cells from Patients with Early Pregnancy Loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E493-E497.                                     | 3.6  | 51        |
| 50 | Identification of Estrogen Response Element in Aquaporin-3 Gene that Mediates Estrogen-induced Cell Migration and Invasion in Estrogen Receptor-positive Breast Cancer. <i>Scientific Reports</i> , 2015, 5, 12484.                                    | 3.3  | 50        |
| 51 | Association Between Maternal Thyroid Hormones and Birth Weight at Early and Late Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5853-5863.  | 3.6  | 48        |
| 52 | Increased Adverse Pregnancy Outcomes Associated With Stage 1 Hypertension in a Low-Risk Cohort. <i>Hypertension</i> , 2020, 75, 772-780.   | 2.7  | 48        |
| 53 | Maternal inheritance of glucose intolerance via oocyte TET3 insufficiency. <i>Nature</i> , 2022, 605, 761-766.   | 27.8 | 48        |
| 54 | Methylation levels at IGF2 and GNAS DMRs in infants born to preeclamptic pregnancies. <i>BMC Genomics</i> , 2013, 14, 472.   | 2.8  | 45        |

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|----|--|-----|-----------|
| 55 | General imprinting status is stable in assisted reproductionâ€œconceived offspring. <i>Fertility and Sterility</i> , 2011, 96, 1417-1423.e9.   | 1.0 | 44        |
| 56 | Down-Regulation of S100A11, a Calcium-Binding Protein, in Human Endometrium May Cause Reproductive Failure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3672-3683.   | 3.6 | 44        |
| 57 | Cardiovascular Dysfunction in Offspring of Ovarian-Hyperstimulated Women and Effects of Estradiol and Progesterone: A Retrospective Cohort Study and Proteomics Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2494-E2503. | 3.6 | 44        |
| 58 | Impaired CFTR-Dependent Amplification of FSH-Stimulated Estrogen Production in Cystic Fibrosis and PCOS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 923-932.  | 3.6 | 42        |
| 59 | Comparative proteomic analysis of human placenta derived from assisted reproductive technology. <i>Proteomics</i> , 2008, 8, 4344-4356.  | 2.2 | 41        |
| 60 | Placental trophoblasts shifted Th1/Th2 balance toward Th2 and inhibited Th17 immunity at fetomaternal interface. <i>Apmis</i> , 2011, 119, 597-604.  | 2.0 | 40        |
| 61 | Expression of Aquaporins in Human Embryos and Potential Role of AQP3 and AQP7 in Preimplantation Mouse Embryo Development. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 649-658.  | 1.6 | 39        |
| 62 | Assisted reproductive technologies impair the expression and methylation of insulin-induced gene 1 and sterol regulatory element-binding factor 1 in the fetus and placenta. <i>Fertility and Sterility</i> , 2014, 101, 974-980.e2.                       | 1.0 | 39        |
| 63 | Activin A, B and AB decrease progesterone production by down-regulating StAR in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2015, 412, 290-301.   | 3.2 | 39        |
| 64 | Hyaluronic acid reagent functional chitosan-PEI conjugate with AQP2-siRNA suppressed endometriotic lesion formation. <i>International Journal of Nanomedicine</i> , 2016, 11, 1323.  | 6.7 | 39        |
| 65 | Altered thyroid hormone profile in offspring after exposure to high estradiol environment during the first trimester of pregnancy: a cross-sectional study. <i>BMC Medicine</i> , 2014, 12, 240.   | 5.5 | 38        |
| 66 | Integrated Transcriptome Sequencing Analysis Reveals Role of miR-138-5p/ TBL1X in Placenta from Gestational Diabetes Mellitus. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 630-646.  | 1.6 | 38        |
| 67 | Dietâ€œInduced Paternal Obesity Impairs Cognitive Function in Offspring by Mediating Epigenetic Modifications in Spermatozoa. <i>Obesity</i> , 2018, 26, 1749-1757.  | 3.0 | 38        |
| 68 | Basonuclin 1 deficiency is a cause of primary ovarian insufficiency. <i>Human Molecular Genetics</i> , 2018, 27, 3787-3800.  | 2.9 | 38        |
| 69 | Serum and placental interleukin-18 are elevated in preeclampsia. <i>Journal of Reproductive Immunology</i> , 2005, 65, 77-87.  | 1.9 | 37        |
| 70 | Transcriptome sequencing of adenomyosis eutopic endometrium: A new insight into its pathophysiology. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 8381-8391.  | 3.6 | 37        |
| 71 | Auricular Acupressure Reduces Anxiety Levels and Improves Outcomes of in Vitro Fertilization: A Prospective, Randomized and Controlled Study. <i>Scientific Reports</i> , 2015, 4, 5028.   | 3.3 | 36        |
| 72 | The impaired myocardial ischemic tolerance in adult offspring of diabetic pregnancy is restored by maternal melatonin treatment. <i>Journal of Pineal Research</i> , 2016, 61, 340-352.  | 7.4 | 36        |

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|----|---|-----|-----------|
| 73 | Association of Serum and Follicular Fluid Leptin Concentrations with Granulosa Cell Phosphorylated Signal Transducer and Activator of Transcription 3 Expression in Fertile Patients with Polycystic Ovarian Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 4771-4776. | 3.6 | 35        |
| 74 | Involvement of cyclin B1 in progesterone-mediated cell growth inhibition, G2/M cell cycle arrest, and apoptosis in human endometrial cell. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 144.  | 3.3 | 35        |
| 75 | Functional Expression of Large-Conductance Calcium-Activated Potassium Channels in Human Endometrium: A Novel Mechanism Involved in Endometrial Receptivity and Embryo Implantation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 543-553.                                     | 3.6 | 35        |
| 76 | Increased methylation at differentially methylated region of GNAS in infants born to gestational diabetes. <i>BMC Medical Genetics</i> , 2014, 15, 108.   | 2.1 | 35        |
| 77 | Evaluation of DNA methylation status at differentially methylated regions in IVF-conceived newborn twins. <i>Fertility and Sterility</i> , 2011, 95, 1975-1979.   | 1.0 | 33        |
| 78 | Small-volume vitrification for human spermatozoa in the absence of cryoprotectants by using Cryotop. <i>Andrologia</i> , 2015, 47, 694-699.   | 2.1 | 33        |
| 79 | Attenuated oocyte fertilization and embryo development associated with altered growth factor/signal transduction induced by endometriotic peritoneal fluid. <i>Fertility and Sterility</i> , 2010, 93, 2538-2544.   | 1.0 | 32        |
| 80 | High Maternal Serum Estradiol Levels Induce Dyslipidemia in Human Newborns via a Hepatic HMGCR Estrogen Response Element. <i>Scientific Reports</i> , 2015, 5, 10086.   | 3.3 | 32        |
| 81 | Intrauterine hyperglycemia exposure results in intergenerational inheritance via DNA methylation reprogramming on F1 PGCs. <i>Epigenetics and Chromatin</i> , 2018, 11, 20.   | 3.9 | 32        |
| 82 | Expression of aquaporin 1 in normal, hyperplastic, and carcinomatous endometria. <i>International Journal of Gynecology and Obstetrics</i> , 2008, 101, 239-244.  | 2.3 | 31        |
| 83 | Increased expression of c-fos protein associated with increased matrix metalloproteinase-9 protein expression in the endometrium of endometriotic patients. <i>Fertility and Sterility</i> , 2008, 90, 1000-1007.   | 1.0 | 31        |
| 84 | Effects of growth differentiation factor 9 on cell cycle regulators and ERK42/44 in human granulosa cell proliferation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1344-E1353.  | 3.5 | 30        |
| 85 | Down-regulation of miR-378a-3p induces decidual cell apoptosis: a possible mechanism for early pregnancy loss. <i>Human Reproduction</i> , 2018, 33, 11-22.   | 0.9 | 30        |
| 86 | Insulin Therapy for Gestational Diabetes Mellitus Does Not Fully Protect Offspring From Diet-Induced Metabolic Disorders. <i>Diabetes</i> , 2019, 68, 696-708.  | 0.6 | 30        |
| 87 | High expression levels of cyclin B1 and Polo-like kinase 1 in ectopic endometrial cells associated with abnormal cell cycle regulation of endometriosis. <i>Fertility and Sterility</i> , 2009, 91, 979-987.  | 1.0 | 29        |
| 88 | Donor TLR9 gene tagSNPs influence susceptibility to aGVHD and CMV reactivation in the allo-HSCT setting without polymorphisms in the TLR4 and NOD2 genes. <i>Bone Marrow Transplantation</i> , 2014, 49, 241-247.   | 2.4 | 29        |
| 89 | Maternal low thyroxin levels are associated with adverse pregnancy outcomes in a Chinese population. <i>PLoS ONE</i> , 2017, 12, e0178100.  | 2.5 | 29        |
| 90 | Homeobox A7 stimulates breast cancer cell proliferation by up-regulating estrogen receptor-alpha. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 652-657.  | 2.1 | 28        |

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|-----|---|-----|-----------|
| 91  | Persistency of Thyroid Dysfunction from Early to Late Pregnancy. <i>Thyroid</i> , 2019, 29, 1475-1484.  | 4.5 | 28        |
| 92  | Comparative Analysis of Lower Genital Tract Microbiome Between PCOS and Healthy Women. <i>Frontiers in Physiology</i> , 2020, 11, 1108.   | 2.8 | 28        |
| 93  | Elevated serum levels of interleukin-15 and interleukin-16 in preeclampsia. <i>Journal of Reproductive Immunology</i> , 2007, 73, 166-171.  | 1.9 | 27        |
| 94  | Alteration of fatty acid metabolism in the liver, adipose tissue, and testis of male mice conceived through assisted reproductive technologies: fatty acid metabolism in ART mice. <i>Lipids in Health and Disease</i> , 2013, 12, 5.                           | 3.0 | 27        |
| 95  | Preliminary proteomic analysis on the alterations in follicular fluid proteins from women undergoing natural cycles or controlled ovarian hyperstimulation. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 417-427.                           | 2.5 | 27        |
| 96  | Decreased expression of endometrial vessel AQP1 and endometrial epithelium AQP2 related to anovulatory uterine bleeding in premenopausal women. <i>Menopause</i> , 2008, 15, 648-654.   | 2.0 | 26        |
| 97  | Growth Differentiation Factor 9 Reverses Activin A Suppression of Steroidogenic Acute Regulatory Protein Expression and Progesterone Production in Human Granulosa-Lutein Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E172-E180. | 3.6 | 26        |
| 98  | Novel PGK1 determines SKP2-dependent AR stability and reprograms granular cell glucose metabolism facilitating ovulation dysfunction. <i>EBioMedicine</i> , 2020, 61, 103058.   | 6.1 | 26        |
| 99  | Perinatal outcomes of neonates born from different endometrial preparation protocols after frozen embryo transfer: a retrospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 341.   | 2.4 | 26        |
| 100 | Differential proteomic analysis of umbilical artery tissue from preeclampsia patients, using iTRAQ isobaric tags and 2D nano LC-MS/MS. <i>Journal of Proteomics</i> , 2015, 112, 262-273.   | 2.4 | 25        |
| 101 | Association between first caesarean delivery and adverse outcomes in subsequent pregnancy: a retrospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 273.   | 2.4 | 25        |
| 102 | Reduced Expression and Function of Aquaporin-3 in Mouse Metaphase-II Oocytes Induced by Controlled Ovarian Hyperstimulation were Associated with Subsequent Low Fertilization Rate. <i>Cellular Physiology and Biochemistry</i> , 2008, 21, 123-128.            | 1.6 | 24        |
| 103 | 50-Hertz Electromagnetic Fields Induce gammaH2AX Foci Formation in Mouse Preimplantation Embryos In Vitro. <i>Biology of Reproduction</i> , 2006, 75, 673-680.  | 2.7 | 23        |
| 104 | Effects of In Vitro Maturation on Histone Acetylation in Metaphase II Oocytes and Early Cleavage Embryos. <i>Obstetrics and Gynecology International</i> , 2010, 2010, 1-9.   | 1.3 | 23        |
| 105 | Recent advances in mammalian reproductive biology. <i>Science China Life Sciences</i> , 2020, 63, 18-58.  | 4.9 | 23        |
| 106 | G546A polymorphism of growth differentiation factor-9 contributes to the poor outcome of ovarian stimulation in women with diminished ovarian reserve. <i>Fertility and Sterility</i> , 2010, 94, 2490-2492.  | 1.0 | 22        |
| 107 | Different sperm sources and parameters can influence intracytoplasmic sperm injection outcomes before embryo implantation. <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 1-10.   | 2.8 | 22        |
| 108 | Leptin down-regulates $\beta$ -ENaC expression: a novel mechanism involved in low endometrial receptivity. <i>Fertility and Sterility</i> , 2015, 103, 228-235.e3.  | 1.0 | 22        |



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|-----|---|------|-----------|
| 109 | Reduced Intellectual Ability in Offspring of Ovarian Hyperstimulation Syndrome: A Cohort Study. <i>EBioMedicine</i> , 2017, 20, 263-267.  | 6.1  | 22        |
| 110 | Prevalence of Prediabetes Risk in Offspring Born to Mothers with Hyperandrogenism. <i>EBioMedicine</i> , 2017, 16, 275-283.   | 6.1  | 21        |
| 111 | Homeobox A7 increases cell proliferation by up-regulation of epidermal growth factor receptor expression in human granulosa cells. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 61.                             | 3.3  | 20        |
| 112 | Genome-wide DNA methylation patterns in IVF-conceived mice and their progeny: A putative model for ART-conceived humans. <i>Reproductive Toxicology</i> , 2011, 32, 98-105.   | 2.9  | 20        |
| 113 | Bone morphogenetic protein-15 in follicle fluid combined with age may differentiate between successful and unsuccessful poor ovarian responders. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 116.             | 3.3  | 20        |
| 114 | Alteration in methylation level at 11 $\beta$ -hydroxysteroid dehydrogenase type 2 gene promoter in infants born to preeclamptic women. <i>BMC Genetics</i> , 2014, 15, 96.   | 2.7  | 20        |
| 115 | Advances in research into gamete and embryo-fetal origins of adult diseases. <i>Science China Life Sciences</i> , 2019, 62, 360-368.  | 4.9  | 20        |
| 116 | Early-life undernutrition reprograms CD4+ T-cell glycolysis and epigenetics to facilitate asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2038-2051.e12.   | 2.9  | 20        |
| 117 | Prenatal High Estradiol Exposure Induces Sex-Specific and Dietarily Reversible Insulin Resistance Through Decreased Hypothalamic INSR. <i>Endocrinology</i> , 2018, 159, 465-476.   | 2.8  | 19        |
| 118 | Novel distance-progesterone-combined selection approach improves human sperm quality. <i>Journal of Translational Medicine</i> , 2018, 16, 203.   | 4.4  | 19        |
| 119 | Association between levonorgestrel emergency contraception and the risk of ectopic pregnancy: a multicenter case-control study. <i>Scientific Reports</i> , 2015, 5, 8487.  | 3.3  | 18        |
| 120 | Aquaporin7 plays a crucial role in tolerance to hyperosmotic stress and in the survival of oocytes during cryopreservation. <i>Scientific Reports</i> , 2015, 5, 17741.   | 3.3  | 18        |
| 121 | Successive and cyclic oral contraceptive pill pretreatment improves IVF/ICSI outcomes of PCOS patients and ameliorates hyperandrogenism and antral follicle excess. <i>Gynecological Endocrinology</i> , 2015, 31, 332-336. | 1.7  | 18        |
| 122 | Estrogen receptor alpha inhibits RLR-mediated immune response via ubiquitinating TRAF3. <i>Cellular Signalling</i> , 2015, 27, 1977-1983.   | 3.6  | 18        |
| 123 | Maternal High Triglyceride Levels During Early Pregnancy and Risk of Preterm Delivery: A Retrospective Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1249-1258.                        | 3.6  | 18        |
| 124 | A new model for embryo implantation: coculture of blastocysts and Ishikawa cells. <i>Gynecological Endocrinology</i> , 2012, 28, 288-292.   | 1.7  | 17        |
| 125 | Genetic lineage tracing of resident stem cells by DealT. <i>Nature Protocols</i> , 2018, 13, 2217-2246.   | 12.0 | 17        |
| 126 | Profiles for long non-coding RNAs in ovarian granulosa cells from women with PCOS with or without hyperandrogenism. <i>Reproductive BioMedicine Online</i> , 2018, 37, 613-623.   | 2.4  | 17        |



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|-----|---|-----|-----------|
| 127 | Abnormal Glucose Metabolism in Male Mice Offspring Conceived by in vitro Fertilization and Frozen-Thawed Embryo Transfer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637781.   | 3.7 | 17        |
| 128 | Cryoprotectants up-regulate expression of mouse oocyte AQP7, which facilitates water diffusion during cryopreservation. <i>Fertility and Sterility</i> , 2013, 99, 1428-1435.   | 1.0 | 16        |
| 129 | Viperin is induced following toll-like receptor 3 (TLR3) ligation and has a virus-responsive function in human trophoblast cells. <i>Placenta</i> , 2015, 36, 667-673.  | 1.5 | 16        |
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