

Haixiang Sun

List of Publications by Year in descending order

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73
papers

2,385
citations

257450

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79
all docs

79
docs citations

79
times ranked

2759
citing authors

#	ARTICLE	IF	CITATIONS
1	Transplantation of bone marrow mesenchymal stem cells on collagen scaffolds for the functional regeneration of injured rat uterus. <i>Biomaterials</i> , 2014, 35, 4888-4900.	11.4	182
2	Regeneration of uterine horns in rats by collagen scaffolds loaded with collagen-binding human basic fibroblast growth factor. <i>Biomaterials</i> , 2011, 32, 8172-8181.	11.4	131
3	miR-181a increases FoxO1 acetylation and promotes granulosa cell apoptosis via SIRT1 downregulation. <i>Cell Death and Disease</i> , 2017, 8, e3088-e3088.	6.3	116
4	Transplantation of UC-MSCs on collagen scaffold activates follicles in dormant ovaries of POF patients with long history of infertility. <i>Science China Life Sciences</i> , 2018, 61, 1554-1565.	4.9	114
5	MicroRNA-133b stimulates ovarian estradiol synthesis by targeting Foxl2. <i>FEBS Letters</i> , 2013, 587, 2474-2482.	2.8	102
6	Transplantation of adipose-derived stem cells combined with collagen scaffolds restores ovarian function in a rat model of premature ovarian insufficiency. <i>Human Reproduction</i> , 2016, 31, 1075-1086.	0.9	100
7	MicroRNA-181a Suppresses Mouse Granulosa Cell Proliferation by Targeting Activin Receptor IIA. <i>PLoS ONE</i> , 2013, 8, e59667.	2.5	97
8	Single Administration of Ultra-Low-Dose Lipopolysaccharide in Rat Early Pregnancy Induces TLR4 Activation in the Placenta Contributing to Preeclampsia. <i>PLoS ONE</i> , 2015, 10, e0124001.	2.5	87
9	Melatonin ameliorates excessive PINK1/Parkin-mediated mitophagy by enhancing SIRT1 expression in granulosa cells of PCOS. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E91-E101.	3.5	84
10	MicroRNA-145 suppresses mouse granulosa cell proliferation by targeting activin receptor 1B. <i>FEBS Letters</i> , 2012, 586, 3263-3270.	2.8	78
11	An Increase of <i>Treg</i> Cells in the Peripheral Blood is Associated with a Better <i>In Vitro</i> Fertilization Treatment Outcome. <i>American Journal of Reproductive Immunology</i> , 2012, 68, 100-106.	1.2	69
12	Transplantation of umbilical cord-derived mesenchymal stem cells on a collagen scaffold improves ovarian function in a premature ovarian failure model of mice. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 302-311.	1.5	56
13	Curcumin inhibits placental inflammation to ameliorate LPS-induced adverse pregnancy outcomes in mice via upregulation of phosphorylated Akt. <i>Inflammation Research</i> , 2017, 66, 177-185.	4.0	54
14	Live Birth Sex Ratio after In Vitro Fertilization and Embryo Transfer in China - An Analysis of 121,247 Babies from 18 Centers. <i>PLoS ONE</i> , 2014, 9, e113522.	2.5	51
15	EHD1 impairs decidualization by regulating the Wnt4/ β -catenin signaling pathway in recurrent implantation failure. <i>EBioMedicine</i> , 2019, 50, 343-354.	6.1	49
16	MicroRNA-132 promotes estradiol synthesis in ovarian granulosa cells via translational repression of Nurr1. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 94.	3.3	48
17	MicroRNA-181a is involved in the regulation of human endometrial stromal cell decidualization by inhibiting Krüppel-like factor 12. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 23.	3.3	38
18	Decreased expression of NR4A nuclear receptors in adenomyosis impairs endometrial decidualization. <i>Molecular Human Reproduction</i> , 2016, 22, 655-668.	2.8	38

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19	The orphan nuclear receptor Nur77 regulates decidual prolactin expression in human endometrial stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 628-633.	2.1	32
20	Transplantation of human endometrial perivascular cells with elevated CYR61 expression induces angiogenesis and promotes repair of a full-thickness uterine injury in rat. <i>Stem Cell Research and Therapy</i> , 2019, 10, 179.	5.5	32
21	The effect of first trimester subchorionic hematoma on pregnancy outcomes in patients underwent IVF/ICSI treatment. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 406-410.	1.5	30
22	Decreased Endometrial IL-10 Impairs Endometrial Receptivity by Downregulating HOXA10 Expression in Women with Adenomyosis. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	29
23	CD10 expression identifies a subset of human perivascular progenitor cells with high proliferation and calcification potentials. <i>Stem Cells</i> , 2020, 38, 261-275.	3.2	29
24	The effect of adenomyosis on IVF after long or ultra-long GnRH agonist treatment. <i>Reproductive BioMedicine Online</i> , 2020, 41, 845-853.	2.4	27
25	Krüppel-like factor 12 negatively regulates human endometrial stromal cell decidualization. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 11-17.	2.1	26
26	Krüppel-like factor 12 is a novel negative regulator of forkhead box O1 expression: a potential role in impaired decidualization. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 80.	3.3	25
27	Abnormal ratio of CD57 ⁺ cells to CD56 ⁺ cells in women with recurrent implantation failure. <i>American Journal of Reproductive Immunology</i> , 2017, 78, e12708.	1.2	24
28	Low-dose lymphocyte immunotherapy rebalances the peripheral blood Th1/Th2/Treg paradigm in patients with unexplained recurrent miscarriage. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 95.	3.3	24
29	CAPN 7 promotes the migration and invasion of human endometrial stromal cell by regulating matrix metalloproteinase 2 activity. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 64.	3.3	23
30	High circulating CD3 ⁺ CD56 ⁺ CD16 ⁺ natural killer-like T cell levels predict a better IVF treatment outcome. <i>Journal of Reproductive Immunology</i> , 2013, 97, 197-203.	1.9	23
31	The clinical application of NGS-based SNP haplotyping for PGD of Hb H disease. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 212-217.	2.1	23
32	Calpain7 impairs embryo implantation by downregulating β 3-integrin expression via degradation of HOXA10. <i>Cell Death and Disease</i> , 2018, 9, 291.	6.3	23
33	Human chorionic gonadotropin promotes recruitment of regulatory T cells in endometrium by inducing chemokine CCL2. <i>Journal of Reproductive Immunology</i> , 2020, 137, 102856.	1.9	23
34	Orphan Nuclear Receptor Nur77 Regulates Androgen Receptor Gene Expression in Mouse Ovary. <i>PLoS ONE</i> , 2012, 7, e39950.	2.5	22
35	miR-133b Reverses the Hydrosalpinx-induced Impairment of Embryo Attachment Through Down-regulation of SGK1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1478-1489.	3.6	22
36	Association between the number of oocytes retrieved and cumulative live birth rate in women aged 35-40 years undergoing long GnRH agonist IVF/ICSI cycles. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 1005-1012.	1.7	21

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37	Different Angiogenic Potentials of Mesenchymal Stem Cells Derived from Umbilical Artery, Umbilical Vein, and Wharton's Jelly. <i>Stem Cells International</i> , 2017, 2017, 1-15.	2.5	20
38	Increased Krüppel-like factor 12 impairs embryo attachment via downregulation of leukemia inhibitory factor in women with recurrent implantation failure. <i>Cell Death Discovery</i> , 2018, 4, 23.	4.7	20
39	The mitochondrial protease LONP1 maintains oocyte development and survival by suppressing nuclear translocation of AIFM1 in mammals. <i>EBioMedicine</i> , 2022, 75, 103790.	6.1	20
40	Neonatal outcome of early rescue ICSI and ICSI with ejaculated sperm. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 823-828.	2.5	19
41	Pregnancy, Delivery, and Neonatal Outcomes of In Vitro Fertilization-Embryo Transfer in Patient with Previous Cesarean Scar. <i>Medical Science Monitor</i> , 2016, 22, 3288-3295.	1.1	19
42	Increased Krüppel-like factor 12 in recurrent implantation failure impairs endometrial decidualization by repressing Nur77 expression. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 25.	3.3	19
43	The clinical application of single-sperm-based SNP haplotyping for PGD of osteogenesis imperfecta. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 75-80.	2.1	19
44	MicroRNA-181a promotes follicular granulosa cell apoptosis via sphingosine-1-phosphate receptor 1 expression downregulation. <i>Biology of Reproduction</i> , 2019, 101, 975-985.	2.7	18
45	ATF3 deficiency impairs the proliferative secretory phase transition and decidualization in RIF patients. <i>Cell Death and Disease</i> , 2021, 12, 387.	6.3	18
46	HOXA10 suppresses p/CAF promoter activity via three consecutive TTAT units in human endometrial stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 16-21.	2.1	17
47	In vitro fertilization-frozen embryo transfer in a patient with cytochrome P450 oxidoreductase deficiency: a case report. <i>Gynecological Endocrinology</i> , 2018, 34, 385-388.	1.7	16
48	miR-21 reverses impaired decidualization through modulation of KLF12 and NR4A1 expression in human endometrial stromal cells. <i>Biology of Reproduction</i> , 2019, 100, 1395-1405.	2.7	15
49	High granulocytic myeloid-derived suppressor cell levels in the peripheral blood predict a better IVF treatment outcome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1092-1097.	1.5	15
50	Activating transcription factor 3 promotes embryo attachment via up-regulation of leukemia inhibitory factor in vitro. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 42.	3.3	14
51	Mitochondrial transfer from aged adipose-derived stem cells does not improve the quality of aged oocytes in C57BL/6 mice. <i>Molecular Reproduction and Development</i> , 2019, 86, 516-529.	2.0	14
52	Activation of matrix metalloproteinase-26 by HOXA10 promotes embryo adhesion in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 622-628.	2.1	12
53	The clinical application of preimplantation genetic diagnosis for the patient affected by congenital contractural arachnodactyly and spinal and bulbar muscular atrophy. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1459-1466.	2.5	12
54	Effect of embryo and blastocyst transfer on the birthweight of live-born singletons from FET cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1905-1910.	2.5	12

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55	Evaluation of preimplantation genetic testing based on next-generation sequencing for balanced reciprocal translocation carriers. <i>Reproductive BioMedicine Online</i> , 2019, 38, 669-675.	2.4	12
56	Attenuated expression of MTR in both prenatally androgenized mice and women with the hyperandrogenic phenotype of PCOS. <i>PLoS ONE</i> , 2017, 12, e0187427.	2.5	12
57	Hyaluronic acid prevents immunosuppressive drug-induced ovarian damage via up-regulating PGRMC1 expression. <i>Scientific Reports</i> , 2015, 5, 7647.	3.3	11
58	Human endometrial perivascular stem cells exhibit a limited potential to regenerate endometrium after xenotransplantation. <i>Human Reproduction</i> , 2021, 36, 145-159.	0.9	11
59	Human Endometrium-Derived Adventitial Cell Spheroid-Loaded Antimicrobial Microneedles for Uterine Regeneration. <i>Small</i> , 2022, 18, .	10.0	11
60	Preliminary functional inquiry of lncRNA ENST00000433673 in embryo implantation using bioinformatics analysis. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 164-173.	2.1	10
61	Human chorionic gonadotropin improves endometrial receptivity by increasing the expression of homeobox A10. <i>Molecular Human Reproduction</i> , 2020, 26, 413-424.	2.8	10
62	Attenuated monoamine oxidase a impairs endometrial receptivity in women with adenomyosis via downregulation of FOXO1. <i>Biology of Reproduction</i> , 2021, 105, 1443-1457.	2.7	8
63	The value of HCG serum concentrations after trigger in predicting pregnancy and live birth rates in IVF+ICSI. <i>Reproductive BioMedicine Online</i> , 2015, 30, 667-673.	2.4	7
64	Clinical and neonatal outcomes of intrauterine insemination with frozen donor sperm. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 240-245.	2.1	7
65	Non-invasive embryo selection strategy for clinical IVF to avoid wastage of potentially competent embryos. <i>Reproductive BioMedicine Online</i> , 2022, 45, 26-34.	2.4	6
66	Influence of surgical evacuation on pregnancy outcomes of subsequent embryo transfer cycle following miscarriage in an initial IVF cycle: a retrospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 409.	2.4	5
67	Transcriptome analysis of eutopic endometrium in adenomyosis after GnRH agonist treatment. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 13.	3.3	5
68	Increased homocysteine regulated by androgen activates autophagy by suppressing the mammalian target of rapamycin pathway in the granulosa cells of polycystic ovary syndrome mice. <i>Bioengineered</i> , 2022, 13, 10875-10888.	3.2	5
69	Calpain7 negatively regulates human endometrial stromal cell decidualization in EMs by promoting FoxO1 nuclear exclusion via hydrolyzing AKT1. <i>Biology of Reproduction</i> , 2022, , .	2.7	3
70	A high level of KLF12 causes folic acid-resistant neural tube defects by activating the Shh signaling pathway in mice. <i>Biology of Reproduction</i> , 2021, 105, 837-845.	2.7	2
71	The relationship between serum oestrogen levels and clinical outcomes of hormone replacement therapy-frozen embryo transfer: a retrospective clinical study. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 265.	2.4	2
72	Association between gestational trophoblastic disease (GTD) history and clinical outcomes in in vitro fertilization/intracytoplasmic sperm injection (IVF/ICSI) cycles. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 27.	3.3	1

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73	Umbilical cord artery-derived perivascular stem cells for treatment of ovarian failure through CD146 signaling. Signal Transduction and Targeted Therapy, 2022, 7, .	17.1	0