

Haixiang Sun

List of Publications by Year in descending order

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73
papers

2,385
citations

293460

24
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274796

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docs citations

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times ranked

2932
citing authors

#	ARTICLE	IF	CITATIONS
1	The mitochondrial protease LONP1 maintains oocyte development and survival by suppressing nuclear translocation of AIFM1 in mammals. <i>EBioMedicine</i> , 2022, 75, 103790.	2.7	20
2	Transcriptome analysis of eutopic endometrium in adenomyosis after GnRH agonist treatment. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 13.	1.4	5
3	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.	1.4	1
4	Calpain7 negatively regulates human endometrial stromal cell decidualization in EMs by promoting FoxO1 nuclear exclusion via hydrolyzing AKT1. <i>Biology of Reproduction</i> , 2022, , .	1.2	3
5	Non-invasive embryo selection strategy for clinical IVF to avoid wastage of potentially competent embryos. <i>Reproductive BioMedicine Online</i> , 2022, 45, 26-34.	1.1	6
6	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.	0.9	2
7	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.	1.4	5
8	Human Endometriumâ€Derived Adventitial Cell Spheroidâ€Loaded Antimicrobial Microneedles for Uterine Regeneration. <i>Small</i> , 2022, 18, .	5.2	11
9	Umbilical cord artery-derived perivascular stem cells for treatment of ovarian failure through CD146 signaling. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	0
10	ATF3 deficiency impairs the proliferativeâ€secretory phase transition and decidualization in RIF patients. <i>Cell Death and Disease</i> , 2021, 12, 387.	2.7	18
11	A high level of KLF12 causes folic acid-resistant neural tube defects by activating the Shh signaling pathway in miceâ€. <i>Biology of Reproduction</i> , 2021, 105, 837-845.	1.2	2
12	Attenuated monoamine oxidase a impairs endometrial receptivity in women with adenomyosis via downregulation of FOXO1. <i>Biology of Reproduction</i> , 2021, 105, 1443-1457.	1.2	8
13	Human endometrial perivascular stem cells exhibit a limited potential to regenerate endometrium after xenotransplantation. <i>Human Reproduction</i> , 2021, 36, 145-159.	0.4	11
14	CD10 expression identifies a subset of human perivascular progenitor cells with high proliferation and calcification potentials. <i>Stem Cells</i> , 2020, 38, 261-275.	1.4	29
15	Human chorionic gonadotropin promotes recruitment of regulatory T cells in endometrium by inducing chemokine CCL2. <i>Journal of Reproductive Immunology</i> , 2020, 137, 102856.	0.8	23
16	The effect of adenomyosis on IVF after long or ultra-long GnRH agonist treatment. <i>Reproductive BioMedicine Online</i> , 2020, 41, 845-853.	1.1	27
17	Human chorionic gonadotropin improves endometrial receptivity by increasing the expression of homeobox A10. <i>Molecular Human Reproduction</i> , 2020, 26, 413-424.	1.3	10
18	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.	1.8	84

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19	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.	1.0	19
20	MicroRNA-181a promotes follicular granulosa cell apoptosis via sphingosine-1-phosphate receptor 1 expression downregulation. <i>Biology of Reproduction</i> , 2019, 101, 975-985.	1.2	18
21	EHD1 impairs decidualization by regulating the Wnt4/ β -catenin signaling pathway in recurrent implantation failure. <i>EBioMedicine</i> , 2019, 50, 343-354.	2.7	49
22	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.	0.9	5
23	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.	2.4	32
24	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.	0.7	56
25	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.	1.2	15
26	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.	1.0	14
27	Preliminary functional inquiry of lncRNA ENST00000433673 in embryo implantation using bioinformatics analysis. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 164-173.	1.0	10
28	Evaluation of preimplantation genetic testing based on next-generation sequencing for balanced reciprocal translocation carriers. <i>Reproductive BioMedicine Online</i> , 2019, 38, 669-675.	1.1	12
29	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.	0.7	15
30	Calpain7 impairs embryo implantation by downregulating β 3-integrin expression via degradation of HOXA10. <i>Cell Death and Disease</i> , 2018, 9, 291.	2.7	23
31	Clinical and neonatal outcomes of intrauterine insemination with frozen donor sperm. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 240-245.	1.0	7
32	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.	2.3	114
33	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.	0.7	16
34	Decreased Endometrial IL-10 Impairs Endometrial Receptivity by Downregulating HOXA10 Expression in Women with Adenomyosis. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	29
35	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.	1.2	12
36	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.	2.0	20

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37	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.	0.7	30
38	Increased KrÄppel-like factor 12 in recurrent implantation failure impairs endometrial decidualization by repressing Nur77 expression. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 25.	1.4	19
39	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.	1.4	14
40	Abnormal ratio of CD^{+57} cells to CD^{+56} cells in women with recurrent implantation failure. <i>American Journal of Reproductive Immunology</i> , 2017, 78, e12708.	1.2	24
41	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.	1.0	23
42	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.	0.8	21
43	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.	1.6	54
44	miR-181a increases FoxO1 acetylation and promotes granulosa cell apoptosis via SIRT1 downregulation. <i>Cell Death and Disease</i> , 2017, 8, e3088-e3088.	2.7	116
45	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.	1.2	20
46	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.	1.4	24
47	Attenuated expression of MTR in both prenatally androgenized mice and women with the hyperandrogenic phenotype of PCOS. <i>PLoS ONE</i> , 2017, 12, e0187427.	1.1	12
48	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.	0.5	19
49	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.	1.2	12
50	Decreased expression of NR4A nuclear receptors in adenomyosis impairs endometrial decidualization. <i>Molecular Human Reproduction</i> , 2016, 22, 655-668.	1.3	38
51	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.	1.8	22
52	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.	0.4	100
53	KrÄppel-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.	1.4	25
54	Hyaluronic acid prevents immunosuppressive drug-induced ovarian damage via up-regulating PGRMC1 expression. <i>Scientific Reports</i> , 2015, 5, 7647.	1.6	11

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55	MicroRNA-132 promotes estradiol synthesis in ovarian granulosa cells via translational repression of Nurr1. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 94.	1.4	48
56	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.	1.1	87
57	MicroRNA-181a is involved in the regulation of human endometrial stromal cell decidualization by inhibiting KrÄppel-like factor 12. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 23.	1.4	38
58	The value of HCG serum concentrations after trigger in predicting pregnancy and live birth rates in IVFâICSI. <i>Reproductive BioMedicine Online</i> , 2015, 30, 667-673.	1.1	7
59	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.	1.1	51
60	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.	5.7	182
61	Neonatal outcome of early rescue ICSI and ICSI with ejaculated sperm. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 823-828.	1.2	19
62	Activation of matrix metalloproteinase-26 by HOXA10 promotes embryo adhesion in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 622-628.	1.0	12
63	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.	1.4	23
64	KrÄppel-like factor 12 negatively regulates human endometrial stromal cell decidualization. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 11-17.	1.0	26
65	MicroRNAâ133b stimulates ovarian estradiol synthesis by targeting Foxl2. <i>FEBS Letters</i> , 2013, 587, 2474-2482.	1.3	102
66	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.	0.8	23
67	MicroRNA-181a Suppresses Mouse Granulosa Cell Proliferation by Targeting Activin Receptor IIA. <i>PLoS ONE</i> , 2013, 8, e59667.	1.1	97
68	MicroRNAâ145 suppresses mouse granulosa cell proliferation by targeting activin receptor IB. <i>FEBS Letters</i> , 2012, 586, 3263-3270.	1.3	78
69	Orphan Nuclear Receptor Nur77 Regulates Androgen Receptor Gene Expression in Mouse Ovary. <i>PLoS ONE</i> , 2012, 7, e39950.	1.1	22
70	An Increase of Treg Cells in the Peripheral Blood is Associated with a Better In Vitro Fertilization Treatment Outcome. <i>American Journal of Reproductive Immunology</i> , 2012, 68, 100-106.	1.2	69
71	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.	1.0	32
72	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.	5.7	131

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73	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.	1.0	17