

Jie Qiao

List of Publications by Year in descending order

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Version: 2024-02-01

338
papers

18,840
citations

23567

58
h-index

18130

120
g-index

371
all docs

371
docs citations

371
times ranked

21891
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell RNA-Seq profiling of human preimplantation embryos and embryonic stem cells. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1131-1139.	8.2	1,416
2	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. <i>Human Reproduction</i> , 2018, 33, 1602-1618.	0.9	1,015
3	The DNA methylation landscape of human early embryos. <i>Nature</i> , 2014, 511, 606-610.	27.8	787
4	Recommendations from the international evidence-based guideline for the assessment and management of polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2018, 110, 364-379.	1.0	759
5	A single-cell RNA-seq survey of the developmental landscape of the human prefrontal cortex. <i>Nature</i> , 2018, 555, 524-528.	27.8	551
6	The Transcriptome and DNA Methylome Landscapes of Human Primordial Germ Cells. <i>Cell</i> , 2015, 161, 1437-1452.	28.9	500
7	Clinical Characteristics of Pregnant Women with Covid-19 in Wuhan, China. <i>New England Journal of Medicine</i> , 2020, 382, e100.	27.0	447
8	Gut microbiota-bile acid-interleukin-22 axis orchestrates polycystic ovary syndrome. <i>Nature Medicine</i> , 2019, 25, 1225-1233.	30.7	394
9	Single-Cell RNA-Seq Analysis Maps Development of Human Germline Cells and Gonadal Niche Interactions. <i>Cell Stem Cell</i> , 2017, 20, 858-873.e4.	11.1	376
10	Extra- and intra-ovarian factors in polycystic ovary syndrome: impact on oocyte maturation and embryo developmental competence. <i>Human Reproduction Update</i> , 2011, 17, 17-33.	10.8	364
11	What are the risks of COVID-19 infection in pregnant women?. <i>Lancet</i> , 2020, 395, 760-762.	13.7	360
12	Prevalence of polycystic ovary syndrome in women in China: a large community-based study. <i>Human Reproduction</i> , 2013, 28, 2562-2569.	0.9	311
13	Single-Cell RNA Sequencing Analysis Reveals Sequential Cell Fate Transition during Human Spermatogenesis. <i>Cell Stem Cell</i> , 2018, 23, 599-614.e4.	11.1	309
14	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. <i>Cell</i> , 2020, 180, 585-600.e19.	28.9	306
15	Genome Analyses of Single Human Oocytes. <i>Cell</i> , 2013, 155, 1492-1506.	28.9	279
16	Probing Meiotic Recombination and Aneuploidy of Single Sperm Cells by Whole-Genome Sequencing. <i>Science</i> , 2012, 338, 1627-1630.	12.6	273
17	Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. <i>Molecular Cell</i> , 2018, 72, 1021-1034.e4.	9.7	262
18	Single-cell multiomics sequencing and analyses of human colorectal cancer. <i>Science</i> , 2018, 362, 1060-1063.	12.6	256

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19	Single-cell DNA methylome sequencing of human preimplantation embryos. <i>Nature Genetics</i> , 2018, 50, 12-19.	21.4	248
20	Oocyte-somatic cell interactions in the human ovary novel role of bone morphogenetic proteins and growth differentiation factors. <i>Human Reproduction Update</i> , 2016, 23, 1-18.	10.8	212
21	Reconstituting the transcriptome and DNA methylome landscapes of human implantation. <i>Nature</i> , 2019, 572, 660-664.	27.8	207
22	A Lancet Commission on 70 years of women's reproductive, maternal, newborn, child, and adolescent health in China. <i>Lancet, The</i> , 2021, 397, 2497-2536.	13.7	189
23	Spatial transcriptomic survey of human embryonic cerebral cortex by single-cell RNA-seq analysis. <i>Cell Research</i> , 2018, 28, 730-745.	12.0	179
24	Generation of Blastocyst-like Structures from Mouse Embryonic and Adult Cell Cultures. <i>Cell</i> , 2019, 179, 687-702.e18.	28.9	175
25	Metabolic profiles characterizing different phenotypes of polycystic ovary syndrome: plasma metabolomics analysis. <i>BMC Medicine</i> , 2012, 10, 153.	5.5	168
26	The impact of the gut microbiota on the reproductive and metabolic endocrine system. <i>Gut Microbes</i> , 2021, 13, 1-21.	9.8	163
27	Effect of Levothyroxine on Miscarriage Among Women With Normal Thyroid Function and Thyroid Autoimmunity Undergoing In Vitro Fertilization and Embryo Transfer. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2190.	7.4	161
28	Single-cell multi-omics sequencing of human early embryos. <i>Nature Cell Biology</i> , 2018, 20, 847-858.	10.3	142
29	Tracing the expression of circular RNAs in human pre-implantation embryos. <i>Genome Biology</i> , 2016, 17, 130.	8.8	140
30	Growth Hormone Supplementation May Not Improve Live Birth Rate in Poor Responders. <i>Frontiers in Endocrinology</i> , 2020, 11, 1.	3.5	140
31	Pretreatment with coenzyme Q10 improves ovarian response and embryo quality in low-prognosis young women with decreased ovarian reserve: a randomized controlled trial. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 29.	3.3	137
32	Metabonomics Reveals Plasma Metabolic Changes and Inflammatory Marker in Polycystic Ovary Syndrome Patients. <i>Journal of Proteome Research</i> , 2012, 11, 2937-2946.	3.7	126
33	Up-Regulated Expression of WNT5a Increases Inflammation and Oxidative Stress via PI3K/AKT/NF- κ B Signaling in the Granulosa Cells of PCOS Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 201-211.	3.6	126
34	Tracing the temporal-spatial transcriptome landscapes of the human fetal digestive tract using single-cell RNA-sequencing. <i>Nature Cell Biology</i> , 2018, 20, 721-734.	10.3	125
35	Potential risks of SARS-CoV-2 infection on reproductive health. <i>Reproductive BioMedicine Online</i> , 2020, 41, 89-95.	2.4	125
36	The root of reduced fertility in aged women and possible therapeutic options: Current status and future prospects. <i>Molecular Aspects of Medicine</i> , 2014, 38, 54-85.	6.4	117

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37	Live births after simultaneous avoidance of monogenic diseases and chromosome abnormality by next-generation sequencing with linkage analyses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15964-15969.	7.1	115
38	Oocyte-expressed yes-associated protein is a key activator of the early zygotic genome in mouse. Cell Research, 2016, 26, 275-287.	12.0	108
39	Dissecting the transcriptome landscape of the human fetal neural retina and retinal pigment epithelium by single-cell RNA-seq analysis. PLoS Biology, 2019, 17, e3000365.	5.6	108
40	Association of China's universal two child policy with changes in births and birth related health factors: national, descriptive comparative study. BMJ: British Medical Journal, 2019, 366, l4680.	2.3	105
41	DNA methylation and chromatin accessibility profiling of mouse and human fetal germ cells. Cell Research, 2017, 27, 165-183.	12.0	102
42	Single-cell transcriptome analysis of the novel coronavirus (SARS-CoV-2) associated gene ACE2 expression in normal and non-obstructive azoospermia (NOA) human male testes. Science China Life Sciences, 2020, 63, 1006-1015.	4.9	96
43	MicroRNA-210 Contributes to Preeclampsia by Downregulating Potassium Channel Modulatory Factor 1. Hypertension, 2014, 64, 839-845.	2.7	94
44	CRISPR/Cas9-mediated targeted gene correction in amyotrophic lateral sclerosis patient iPSCs. Protein and Cell, 2017, 8, 365-378.	11.0	93
45	Dissecting the Global Dynamic Molecular Profiles of Human Fetal Kidney Development by Single-Cell RNA Sequencing. Cell Reports, 2018, 24, 3554-3567.e3.	6.4	91
46	Kisspeptin/Kisspeptin Receptor System in the Ovary. Frontiers in Endocrinology, 2017, 8, 365.	3.5	90
47	Single-cell transcriptome analysis reveals cell lineage specification in temporal-spatial patterns in human cortical development. Science Advances, 2020, 6, eaaz2978.	10.3	88
48	Metabolism alteration in follicular niche: The nexus among intermediary metabolism, mitochondrial function, and classic polycystic ovary syndrome. Free Radical Biology and Medicine, 2015, 86, 295-307.	2.9	85
49	Single-cell transcriptomics identifies divergent developmental lineage trajectories during human pituitary development. Nature Communications, 2020, 11, 5275.	12.8	79
50	Single-cell multiomics sequencing reveals the functional regulatory landscape of early embryos. Nature Communications, 2021, 12, 1247.	12.8	79
51	Identification of a human subcortical maternal complex. Molecular Human Reproduction, 2015, 21, 320-329.	2.8	75
52	Dynamic transcriptional symmetry-breaking in pre-implantation mammalian embryo development revealed by single-cell RNA-seq. Development (Cambridge), 2015, 142, 3468-77.	2.5	75
53	Effects of hyperandrogenism on metabolic abnormalities in patients with polycystic ovary syndrome: a meta-analysis. Reproductive Biology and Endocrinology, 2016, 14, 67.	3.3	74
54	Generation of human blastocyst-like structures from pluripotent stem cells. Cell Discovery, 2021, 7, 81.	6.7	73

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55	Endometrial Abnormality in Women With Polycystic Ovary Syndrome. <i>Reproductive Sciences</i> , 2012, 19, 674-683.	2.5	72
56	High-Fat Diet Induces Significant Metabolic Disorders in a Mouse Model of Polycystic Ovary Syndrome. <i>Biology of Reproduction</i> , 2014, 91, 127.	2.7	72
57	Impact of Covid-19 in pregnancy on mother's psychological status and infant's neurobehavioral development: a longitudinal cohort study in China. <i>BMC Medicine</i> , 2020, 18, 347.	5.5	70
58	Expression of growth differentiation factor-9 and bone morphogenetic protein-15 in oocytes and cumulus granulosa cells of patients with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2010, 94, 261-267.	1.0	69
59	TET1 inhibits EMT of ovarian cancer cells through activating Wnt/ β -catenin signaling inhibitors DKK1 and SFRP2. <i>Gynecologic Oncology</i> , 2017, 147, 408-417.	1.4	69
60	Concurrent Hearing and Genetic Screening of 180,469 Neonates with Follow-up in Beijing, China. <i>American Journal of Human Genetics</i> , 2019, 105, 803-812.	6.2	66
61	Role of Sirt3 in mitochondrial biogenesis and developmental competence of human in vitro matured oocytes. <i>Human Reproduction</i> , 2016, 31, 607-622.	0.9	65
62	Association of serum levels of typical organic pollutants with polycystic ovary syndrome (PCOS): a case-control study. <i>Human Reproduction</i> , 2015, 30, 1964-1973.	0.9	64
63	Regulation of anti-Müllerian hormone (AMH) in males and the associations of serum AMH with the disorders of male fertility. <i>Asian Journal of Andrology</i> , 2019, 21, 109.	1.6	63
64	Potential roles for the kisspeptin/kisspeptin receptor system in implantation and placentation. <i>Human Reproduction Update</i> , 2019, 25, 326-343.	10.8	60
65	Effects of combined epidermal growth factor, brain-derived neurotrophic factor and insulin-like growth factor-1 on human oocyte maturation and early fertilized and cloned embryo development. <i>Human Reproduction</i> , 2012, 27, 2146-2159.	0.9	59
66	Vitamin C alleviates aging defects in a stem cell model for Werner syndrome. <i>Protein and Cell</i> , 2016, 7, 478-488.	11.0	58
67	Association of Insulin Resistance and Elevated Androgen Levels with Polycystic Ovarian Syndrome (PCOS): A Review of Literature. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-13.	1.9	58
68	Is interleukin-18 associated with polycystic ovary syndrome?. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 7.	3.3	57
69	Role of Regulatory T Cells in Regulating Fetal-Maternal Immune Tolerance in Healthy Pregnancies and Reproductive Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 1023.	4.8	56
70	Heterogeneity of glial progenitor cells during the neurogenesis-to-gliogenesis switch in the developing human cerebral cortex. <i>Cell Reports</i> , 2021, 34, 108788.	6.4	55
71	Severity of Anemia During Pregnancy and Adverse Maternal and Fetal Outcomes. <i>JAMA Network Open</i> , 2022, 5, e2147046.	5.9	55
72	Microarray evaluation of endometrial receptivity in Chinese women with polycystic ovary syndrome. <i>Reproductive BioMedicine Online</i> , 2008, 17, 425-435.	2.4	54

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73	Impaired Oocyte Quality Induced by Dehydroepiandrosterone Is Partially Rescued by Metformin Treatment. PLoS ONE, 2015, 10, e0122370.	2.5	54
74	Rescue of premature aging defects in Cockayne syndrome stem cells by CRISPR/Cas9-mediated gene correction. Protein and Cell, 2020, 11, 1-22.	11.0	54
75	Gonadotrophin-induced paracrine regulation of human oocyte maturation by BDNF and GDNF secreted by granulosa cells. Human Reproduction, 2011, 26, 695-702.	0.9	53
76	Bioinspired α -Proline Oligomers for the Cryopreservation of Oocytes via Controlling Ice Growth. ACS Applied Materials & Interfaces, 2020, 12, 18352-18362.	8.0	52
77	Visualization of aging-associated chromatin alterations with an engineered TALE system. Cell Research, 2017, 27, 483-504.	12.0	51
78	Human single follicle growth <i>in vitro</i> from cryopreserved ovarian tissue after slow freezing or vitrification. Human Reproduction, 2016, 31, 763-773.	0.9	50
79	Mesenchymal stem cell-derived angiogenin promotes primordial follicle survival and angiogenesis in transplanted human ovarian tissue. Reproductive Biology and Endocrinology, 2017, 15, 18.	3.3	50
80	Single-Cell Transcriptomics of Human Oocytes: Environment-Driven Metabolic Competition and Compensatory Mechanisms During Oocyte Maturation. Antioxidants and Redox Signaling, 2019, 30, 542-559.	5.4	50
81	Metabolic heterogeneity of follicular amino acids in polycystic ovary syndrome is affected by obesity and related to pregnancy outcome. BMC Pregnancy and Childbirth, 2014, 14, 11.	2.4	48
82	MnSiP ₂ : A New Mid-IR Ternary Phosphide with Strong SHG Effect and Ultrabroad Transparency Range. Chemistry of Materials, 2019, 31, 2010-2018.	6.7	47
83	Assisted reproductive technology in China: compliance and non-compliance. Translational Pediatrics, 2014, 3, 91-7.	1.2	47
84	Central Regulation of PCOS: Abnormal Neuronal-Reproductive-Metabolic Circuits in PCOS Pathophysiology. Frontiers in Endocrinology, 2021, 12, 667422.	3.5	46
85	Epigenomic Landscape of Human Fetal Brain, Heart, and Liver. Journal of Biological Chemistry, 2016, 291, 4386-4398.	3.4	45
86	Transforming growth factor- β 2 is involved in maintaining oocyte meiotic arrest by promoting natriuretic peptide type C expression in mouse granulosa cells. Cell Death and Disease, 2019, 10, 558.	6.3	44
87	Changes in histone methylation during human oocyte maturation and IVF- or ICSI-derived embryo development. Fertility and Sterility, 2010, 93, 1628-1636.	1.0	42
88	Validation of a next-generation sequencing-based protocol for 24-chromosome aneuploidy screening of blastocysts. Fertility and Sterility, 2016, 105, 1532-1536.	1.0	41
89	Effects of tumor necrosis factor-alpha on porcine oocyte meiosis progression, spindle organization, and chromosome alignment. Fertility and Sterility, 2010, 93, 920-926.	1.0	40
90	Dose selection of chloroquine phosphate for treatment of COVID-19 based on a physiologically based pharmacokinetic model. Acta Pharmaceutica Sinica B, 2020, 10, 1216-1227.	12.0	40

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91	Neonatal outcomes after the transfer of vitrified blastocysts: closed versus open vitrification system. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 107.	3.3	39
92	The construction of an interfacial valve-based microfluidic chip for chemotaxis evaluation of human sperm. <i>Biomicrofluidics</i> , 2014, 8, 024102.	2.4	39
93	Dual role for the unfolded protein response in the ovary: adaption and apoptosis. <i>Protein and Cell</i> , 2017, 8, 14-24.	11.0	39
94	Prevalence and predictors of metabolic abnormalities in Chinese women with PCOS: a cross-sectional study. <i>BMC Endocrine Disorders</i> , 2014, 14, 76.	2.2	38
95	Epigenetic regulation of an adverse metabolic phenotype in polycystic ovary syndrome: the impact of the leukocyte methylation of PPARC1A promoter. <i>Fertility and Sterility</i> , 2017, 107, 467-474.e5.	1.0	38
96	High-fat diets exaggerate endocrine and metabolic phenotypes in a rat model of DHEA-induced PCOS. <i>Reproduction</i> , 2016, 151, 431-441.	2.6	37
97	Re-analysis of aneuploidy blastocysts with an inner cell mass and different regional trophectoderm cells. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 487-493.	2.5	37
98	A brief update on the evidence supporting the treatment of infertility in polycystic ovary syndrome. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2019, 59, 867-873.	1.0	37
99	L-proline: a highly effective cryoprotectant for mouse oocyte vitrification. <i>Scientific Reports</i> , 2016, 6, 26326.	3.3	36
100	Aquaporin-dependent excessive intrauterine fluid accumulation is a major contributor in hyper-estrogen induced aberrant embryo implantation. <i>Cell Research</i> , 2015, 25, 139-142.	12.0	35
101	Mechanistic insights into acephalic spermatozoa syndrome—associated mutations in the human SUN5 gene. <i>Journal of Biological Chemistry</i> , 2018, 293, 2395-2407.	3.4	35
102	TrkB agonist antibody ameliorates fertility deficits in aged and cyclophosphamide-induced premature ovarian failure model mice. <i>Nature Communications</i> , 2022, 13, 914.	12.8	34
103	Ovarian stimulation in infertile women treated with the use of intrauterine insemination: a cohort study from China. <i>Fertility and Sterility</i> , 2018, 109, 872-878.	1.0	33
104	Increased expression of P450scc and CYP17 in development of endogenous hyperandrogenism in a rat model of PCOS. <i>Endocrine</i> , 2013, 43, 184-190.	2.3	32
105	Effect of repeated cryopreservation on human embryo developmental potential. <i>Reproductive BioMedicine Online</i> , 2017, 35, 627-632.	2.4	32
106	Poly(ADP-ribose) mediates asymmetric division of mouse oocyte. <i>Cell Research</i> , 2018, 28, 462-475.	12.0	32
107	Validation of multiple annealing and looping-based amplification cycle sequencing for 24-chromosome aneuploidy screening of cleavage-stage embryos. <i>Fertility and Sterility</i> , 2014, 102, 1685-1691.	1.0	31
108	Effect of Local Basic Fibroblast Growth Factor and Vascular Endothelial Growth Factor on Subcutaneously Allografted Ovarian Tissue in Ovariectomized Mice. <i>PLoS ONE</i> , 2015, 10, e0134035.	2.5	31

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109	Hyperhomocysteinemia Promotes Insulin Resistance and Adipose Tissue Inflammation in PCOS Mice Through Modulating M2 Macrophage Polarization via Estrogen Suppression. <i>Endocrinology</i> , 2017, 158, 1181-1193.	2.8	30
110	Genome wide abnormal DNA methylome of human blastocyst in assisted reproductive technology. <i>Journal of Genetics and Genomics</i> , 2017, 44, 475-481.	3.9	30
111	The therapeutic effect of interleukin-22 in high androgen-induced polycystic ovary syndrome. <i>Journal of Endocrinology</i> , 2020, 245, 281-289.	2.6	30
112	Modeling xeroderma pigmentosum associated neurological pathologies with patients-derived iPSCs. <i>Protein and Cell</i> , 2016, 7, 210-221.	11.0	29
113	Retrospective cohort study: AMH is the best ovarian reserve markers in predicting ovarian response but has unfavorable value in predicting clinical pregnancy in GnRH antagonist protocol. <i>Archives of Gynecology and Obstetrics</i> , 2017, 295, 763-770.	1.7	29
114	Epigenetic Regulation and Risk Factors During the Development of Human Gametes and Early Embryos. <i>Annual Review of Genomics and Human Genetics</i> , 2019, 20, 21-40.	6.2	29
115	Prevalence of intimate partner violence against infertile women in low-income and middle-income countries: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2022, 10, e820-e830.	6.3	29
116	Mesenchymal Stem Cells Facilitate In Vitro Development of Human Preantral Follicle. <i>Reproductive Sciences</i> , 2015, 22, 1367-1376.	2.5	28
117	MiR-125b regulates endometrial receptivity by targeting MMP26 in women undergoing IVF-ET with elevated progesterone on HCG priming day. <i>Scientific Reports</i> , 2016, 6, 25302.	3.3	28
118	Dissecting the epigenomic dynamics of human fetal germ cell development at single-cell resolution. <i>Cell Research</i> , 2021, 31, 463-477.	12.0	28
119	Eight-lncRNA signature of cervical cancer were identified by integrating DNA methylation, copy number variation and transcriptome data. <i>Journal of Translational Medicine</i> , 2021, 19, 58.	4.4	28
120	Absolute Risk of Adverse Obstetric Outcomes Among Twin Pregnancies After In Vitro Fertilization by Maternal Age. <i>JAMA Network Open</i> , 2021, 4, e2123634.	5.9	28
121	Clinical applications of MARSALA for preimplantation genetic diagnosis of spinal muscular atrophy. <i>Journal of Genetics and Genomics</i> , 2016, 43, 541-547.	3.9	27
122	SARS-CoV-2 Entry Factors: ACE2 and TMPRSS2 Are Expressed in Peri-Implantation Embryos and the Maternal-Fetal Interface. <i>Engineering</i> , 2020, 6, 1162-1169.	6.7	27
123	A novel homozygous mutation of phospholipase C zeta leading to defective human oocyte activation and fertilization failure. <i>Human Reproduction</i> , 2020, 35, 977-985.	0.9	27
124	A randomised controlled trial to clinically validate follitropin delta in its individualised dosing regimen for ovarian stimulation in Asian IVF/ICSI patients. <i>Human Reproduction</i> , 2021, 36, 2452-2462.	0.9	27
125	Increased Incidence of Mitochondrial Cytochrome C Oxidase 1 Gene Mutations in Patients with Primary Ovarian Insufficiency. <i>PLoS ONE</i> , 2015, 10, e0132610.	2.5	27
126	Triplet whole-exome sequencing and preimplantation genetic diagnosis for unexplained recurrent fetal malformations. <i>Human Mutation</i> , 2020, 41, 432-448.	2.5	26

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127	Changes in the prevalence of polycystic ovary syndrome in China over the past decade. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 25, 100494.	2.9	26
128	High anti-Müllerian hormone levels are associated with preterm delivery in patients with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2020, 113, 444-452.e1.	1.0	25
129	DNA methylome reveals cellular origin of cell-free DNA in spent medium of human preimplantation embryos. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	25
130	Novel DPY19L2 variants in globozoospermic patients and the overcoming this male infertility. <i>Asian Journal of Andrology</i> , 2019, 21, 183.	1.6	25
131	Anti-Müllerian hormone for prediction of ovarian response in Chinese infertile women undergoing IVF/ICSI cycles: a prospective, multi-centre, observational study. <i>Reproductive BioMedicine Online</i> , 2016, 33, 506-512.	2.4	24
132	Overexpression of IL-18 in the Proliferative Phase Endometrium of Patients With Polycystic Ovary Syndrome. <i>Reproductive Sciences</i> , 2017, 24, 252-257.	2.5	24
133	Activation of hedgehog signaling and its association with cisplatin resistance in ovarian epithelial tumors. <i>Oncology Letters</i> , 2018, 15, 5569-5576.	1.8	24
134	Intracytoplasmic sperm injection (ICSI) versus conventional in vitro fertilisation (IVF) in couples with non-severe male infertility (NSMI-ICSI): protocol for a multicentre randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e030366.	1.9	24
135	Regulation of LH secretion by RFRP-3 from the hypothalamus to the pituitary. <i>Frontiers in Neuroendocrinology</i> , 2019, 52, 12-21.	5.2	24
136	Association between exposure to airborne particulate matter less than 2.5 µm and human fecundity in China. <i>Environment International</i> , 2021, 146, 106231.	10.0	24
137	Effects of Androgen Excess-Related Metabolic Disturbances on Granulosa Cell Function and Follicular Development. <i>Frontiers in Endocrinology</i> , 2022, 13, 815968.	3.5	24
138	Value of transferring embryos that show no evidence of fertilization at the time of fertilization assessment. <i>Fertility and Sterility</i> , 2015, 104, 607-611.e2.	1.0	23
139	The role of anti-Müllerian hormone in the pathogenesis and pathophysiological characteristics of polycystic ovary syndrome. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 199, 82-87.	1.1	23
140	Recent advances in mammalian reproductive biology. <i>Science China Life Sciences</i> , 2020, 63, 18-58.	4.9	23
141	Protein Lysine Acetylation in Ovarian Granulosa Cells Affects Metabolic Homeostasis and Clinical Presentations of Women With Polycystic Ovary Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 567028.	3.7	23
142	Effects of vitrification and cryostorage duration on single-cell RNA-Seq profiling of vitrified-thawed human metaphase II oocytes. <i>Frontiers of Medicine</i> , 2021, 15, 144-154.	3.4	23
143	Study on the Prevalence of Vascular Calcification in Different Types of Arteries and Influencing Factors in Maintenance Peritoneal Dialysis Patients. <i>Blood Purification</i> , 2019, 47, 8-16.	1.8	22
144	Characteristics of abnormal menstrual cycle and polycystic ovary syndrome in community and hospital populations. <i>Chinese Medical Journal</i> , 2010, 123, 2185-9.	2.3	22

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145	Metabolomics and correlation network analysis of follicular fluid reveals associations between tryptophan, tyrosine and polycystic ovary syndrome. <i>Biomedical Chromatography</i> , 2021, 35, e4993.	1.7	21
146	Retain singleton or twins? Multifetal pregnancy reduction strategies in triplet pregnancies with monochorionic twins. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 167, 146-148.	1.1	20
147	Effect of ABO blood type on ovarian reserve in Chinese women. <i>Fertility and Sterility</i> , 2014, 102, 1729-1732.e2.	1.0	20
148	Altered amphiregulin expression induced by diverse luteinizing hormone receptor reactivity in granulosa cells affects IVF outcomes. <i>Reproductive BioMedicine Online</i> , 2015, 30, 593-601.	2.4	20
149	Natriuretic peptide type C induces sperm attraction for fertilization in mouse. <i>Scientific Reports</i> , 2017, 7, 39711.	3.3	20
150	Low KLOTHO level related to aging is associated with diminished ovarian reserve. <i>Fertility and Sterility</i> , 2020, 114, 1250-1255.	1.0	20
151	CircleBase: an integrated resource and analysis platform for human eccDNAs. <i>Nucleic Acids Research</i> , 2022, 50, D72-D82.	14.5	20
152	NAT10-mediated N ⁴ -acetylcytidine modification is required for meiosis entry and progression in male germ cells. <i>Nucleic Acids Research</i> , 2022, 50, 10896-10913.	14.5	20
153	Ovulation induction and intrauterine insemination in infertile women with polycystic ovary syndrome: A comparison of drugs. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 231, 117-121.	1.1	19
154	Aberrant spliceosome expression and altered alternative splicing events correlate with maturation deficiency in human oocytes. <i>Cell Cycle</i> , 2020, 19, 2182-2194.	2.6	19
155	Association of serum anti-Müllerian hormone and other factors with cumulative live birth rate following IVF. <i>Reproductive BioMedicine Online</i> , 2020, 40, 675-683.	2.4	19
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