

Zi-jiang Chen

List of Publications by Year in descending order

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413
papers

15,724
citations

28274

55
h-index

34986

98
g-index

437
all docs

437
docs citations

437
times ranked

14650
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycystic ovary syndrome. Nature Reviews Disease Primers, 2016, 2, 16057.	30.5	1,004
2	Genome-wide association study identifies susceptibility loci for polycystic ovary syndrome on chromosome 2p16.3, 2p21 and 9q33.3. Nature Genetics, 2011, 43, 55-59.	21.4	604
3	Fresh versus Frozen Embryos for Infertility in the Polycystic Ovary Syndrome. New England Journal of Medicine, 2016, 375, 523-533.	27.0	576
4	Genome-wide association study identifies eight new risk loci for polycystic ovary syndrome. Nature Genetics, 2012, 44, 1020-1025.	21.4	505
5	Genetics of primary ovarian insufficiency: new developments and opportunities. Human Reproduction Update, 2015, 21, 787-808.	10.8	369
6	Transfer of Fresh versus Frozen Embryos in Ovulatory Women. New England Journal of Medicine, 2018, 378, 126-136.	27.0	367
7	Frozen versus fresh single blastocyst transfer in ovulatory women: a multicentre, randomised controlled trial. Lancet, The, 2019, 393, 1310-1318.	13.7	323
8	NOBOX Homeobox Mutation Causes Premature Ovarian Failure. American Journal of Human Genetics, 2007, 81, 576-581.	6.2	219
9	Epidemiology of infertility in China: a population-based study. BJOG: an International Journal of Obstetrics and Gynaecology, 2018, 125, 432-441.	2.3	208
10	Transcription Factor FIGLA is Mutated in Patients with Premature Ovarian Failure. American Journal of Human Genetics, 2008, 82, 1342-1348.	6.2	177
11	Molecular Genetics of Premature Ovarian Insufficiency. Trends in Endocrinology and Metabolism, 2018, 29, 795-807.	7.1	163
12	Chromatin Accessibility Landscape in Human Early Embryos and Its Association with Evolution. Cell, 2018, 173, 248-259.e15.	28.9	159
13	The optimum number of oocytes in IVF treatment: an analysis of 2455 cycles in China. Human Reproduction, 2013, 28, 2728-2734.	0.9	154
14	D-mannose induces regulatory T cells and suppresses immunopathology. Nature Medicine, 2017, 23, 1036-1045.	30.7	153
15	Confocal microscopic analysis of the spindle and chromosome configurations of human oocytes matured in vitro. Fertility and Sterility, 2006, 85, 827-832.	1.0	146
16	Live Birth with or without Preimplantation Genetic Testing for Aneuploidy. New England Journal of Medicine, 2021, 385, 2047-2058.	27.0	142
17	Brown adipose tissue transplantation ameliorates polycystic ovary syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2708-2713.	7.1	141
18	Antibiotics in neonatal life increase murine susceptibility to experimental psoriasis. Nature Communications, 2015, 6, 8424.	12.8	135

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19	Key role for CTCF in establishing chromatin structure in human embryos. <i>Nature</i> , 2019, 576, 306-310.	27.8	131
20	Tid-CRISPR Allows for Efficient and Precise Gene Knockin in Mouse and Human Cells. <i>Developmental Cell</i> , 2018, 45, 526-536.e5.	7.0	123
21	MicroRNA transcriptome in the newborn mouse ovaries determined by massive parallel sequencing. <i>Molecular Human Reproduction</i> , 2010, 16, 463-471.	2.8	122
22	Inhibition of Nox-4 activity by plumbagin, a plant-derived bioactive naphthoquinone. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 111-116.	2.4	118
23	Maternal insulin resistance causes oxidative stress and mitochondrial dysfunction in mouse oocytes. <i>Human Reproduction</i> , 2012, 27, 2130-2145.	0.9	115
24	Transcriptomic Changes During the Pre-Receptive to Receptive Transition in Human Endometrium Detected by RNA-Seq. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2744-E2753.	3.6	101
25	Elevated plasma level of HMGB1 is associated with disease activity and combined alterations with IFN-alpha and TNF-alpha in systemic lupus erythematosus. <i>Rheumatology International</i> , 2012, 32, 395-402.	3.0	96
26	Genotype-phenotype correlations of PCOS susceptibility SNPs identified by GWAS in a large cohort of Han Chinese women. <i>Human Reproduction</i> , 2013, 28, 538-544.	0.9	96
27	Cytogenetic analysis of 531 Chinese women with premature ovarian failure. <i>Human Reproduction</i> , 2012, 27, 2201-2207.	0.9	90
28	A Recurrent Missense Mutation in ZP3 Causes Empty Follicle Syndrome and Female Infertility. <i>American Journal of Human Genetics</i> , 2017, 101, 459-465.	6.2	87
29	Mutations in MSH5 in primary ovarian insufficiency. <i>Human Molecular Genetics</i> , 2017, 26, 1452-1457.	2.9	87
30	Identification and characterization of an ancient class of small RNAs enriched in serum associating with active infection. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 172-174.	3.3	86
31	MicroRNA-22-3p is down-regulated in the plasma of Han Chinese patients with premature ovarian failure. <i>Fertility and Sterility</i> , 2015, 103, 802-807.e1.	1.0	80
32	Analyses of GDF9 mutation in 100 Chinese women with premature ovarian failure. <i>Fertility and Sterility</i> , 2007, 88, 1474-1476.	1.0	79
33	Effect of fibroids not distorting the endometrial cavity on the outcome of in vitro fertilization treatment: a retrospective cohort study. <i>Fertility and Sterility</i> , 2014, 101, 716-721.e6.	1.0	79
34	Premature Ovarian Insufficiency: Phenotypic Characterization Within Different Etiologies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2281-2290.	3.6	76
35	Long non-coding RNA LINC-01572:28 inhibits granulosa cell growth via a decrease in p27 (Kip1) degradation in patients with polycystic ovary syndrome. <i>EBioMedicine</i> , 2018, 36, 526-538.	6.1	72
36	Long noncoding RNA HCP5 participates in premature ovarian insufficiency by transcriptionally regulating MSH5 and DNA damage repair via YB1. <i>Nucleic Acids Research</i> , 2020, 48, 4480-4491.	14.5	71

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37	CSB-PGBD3 Mutations Cause Premature Ovarian Failure. <i>PLoS Genetics</i> , 2015, 11, e1005419.	3.5	70
38	A Genome-wide Association Study Reveals that Variants within the HLA Region Are Associated with Risk for Nonobstructive Azoospermia. <i>American Journal of Human Genetics</i> , 2012, 90, 900-906.	6.2	67
39	Human oocyte vitrification: the permeability of metaphase II oocytes to water and ethylene glycol and the appliance toward vitrification. <i>Fertility and Sterility</i> , 2008, 89, 1812-1825.	1.0	66
40	Changes in the distribution of mitochondria before and after in vitro maturation of human oocytes and the effect of in vitro maturation on mitochondria distribution. <i>Fertility and Sterility</i> , 2010, 93, 1550-1555.	1.0	66
41	Antimüllerian hormone: correlation with age and androgenic and metabolic factors in women from birth to postmenopause. <i>Fertility and Sterility</i> , 2016, 105, 481-485.e1.	1.0	66
42	Gq activity- and β -arrestin-1 scaffolding-mediated ADGRG2/CFTR coupling are required for male fertility. <i>ELife</i> , 2018, 7, .	6.0	66
43	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. <i>American Journal of Human Genetics</i> , 2019, 105, 1102-1111.	6.2	66
44	Birth defects after assisted reproductive technologies in China: analysis of 15,405 offspring in seven centers (2004 to 2008). <i>Fertility and Sterility</i> , 2011, 95, 458-460.	1.0	65
45	Effect of maternal age on the outcomes of in vitro fertilization and embryo transfer (IVF-ET). <i>Science China Life Sciences</i> , 2012, 55, 694-698.	4.9	65
46	Polymorphisms of KIRs Gene and HLA-C Alleles in Patients with Ankylosing Spondylitis: Possible Association with Susceptibility to the Disease. <i>Journal of Clinical Immunology</i> , 2008, 28, 343-349.	3.8	64
47	Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. <i>Nature Communications</i> , 2014, 5, 3857.	12.8	64
48	Bisphenol A and Ovarian Reserve among Infertile Women with Polycystic Ovarian Syndrome. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 18.	2.6	64
49	Per-Nucleus Crossover Covariation and Implications for Evolution. <i>Cell</i> , 2019, 177, 326-338.e16.	28.9	64
50	ESR1, HK3 and BRSK1 gene variants are associated with both age at natural menopause and premature ovarian failure. <i>Orphanet Journal of Rare Diseases</i> , 2012, 7, 5.	2.7	63
51	Metabolic disturbances in non-obese women with polycystic ovary syndrome: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2019, 111, 168-177.	1.0	63
52	Impaired telomere length and telomerase activity in peripheral blood leukocytes and granulosa cells in patients with biochemical primary ovarian insufficiency. <i>Human Reproduction</i> , 2017, 32, 201-207.	0.9	62
53	Mutation analysis of NOBOX homeodomain in chinese women with premature ovarian failure. <i>Fertility and Sterility</i> , 2009, 91, 1507-1509.	1.0	61
54	Hypomethylation of the LH/Choriogonadotropin Receptor Promoter Region Is a Potential Mechanism Underlying Susceptibility to Polycystic Ovary Syndrome. <i>Endocrinology</i> , 2014, 155, 1445-1452.	2.8	61

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55	The estrogen-regulated lncRNA H19/miR-216a-5p axis alters stromal cell invasion and migration via ACTA2 in endometriosis. <i>Molecular Human Reproduction</i> , 2019, 25, 550-561.	2.8	61
56	Influence of metabolic syndrome on female fertility and in vitro fertilization outcomes in PCOS women. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 138.e1-138.e12.	1.3	61
57	Age-specific serum anti-1/4 allergic hormone levels in women with and without polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2014, 102, 230-236.e2.	1.0	59
58	Transcriptomic Profiling in Human Decidua of Severe Preeclampsia Detected by RNA Sequencing. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 607-615.	2.6	59
59	Oral dydrogesterone versus intravaginal micronized progesterone gel for luteal phase support in IVF: a randomized clinical trial. <i>Human Reproduction</i> , 2018, 33, 2212-2221.	0.9	59
60	Identification of <i>YAP1</i> as a novel susceptibility gene for polycystic ovary syndrome. <i>Journal of Medical Genetics</i> , 2012, 49, 254-257.	3.2	58
61	Speedy A-Cdk2 binding mediates initial telomere nuclear envelope attachment during meiotic prophase I independent of Cdk2 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 592-597.	7.1	58
62	Dysregulated Pseudogene <i>HK2P1</i> May Contribute to Preeclampsia as a Competing Endogenous RNA for Hexokinase 2 by Impairing Decidualization. <i>Hypertension</i> , 2018, 71, 648-658.	2.7	58
63	Obstetric complications after frozen versus fresh embryo transfer in women with polycystic ovary syndrome: results from a randomized trial. <i>Fertility and Sterility</i> , 2018, 109, 324-329.	1.0	58
64	Melatonin levels in follicular fluid as markers for IVF outcomes and predicting ovarian reserve. <i>Reproduction</i> , 2017, 153, 443-451.	2.6	57
65	RNA-Binding Protein IGF2BP2/IMP2 is a Critical Maternal Activator in Early Zygotic Genome Activation. <i>Advanced Science</i> , 2019, 6, 1900295.	11.2	57
66	Reconstruction of Functional Ocular Surface by Acellular Porcine Cornea Matrix Scaffold and Limbal Stem Cells Derived from Human Embryonic Stem Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 2412-2425.	3.1	55
67	Rates of live birth after mosaic embryo transfer compared with euploid embryo transfer. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 165-172.	2.5	54
68	Increased activating killer immunoglobulin-like receptor genes and decreased specific HLA-C alleles in couples with recurrent spontaneous abortion. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 696-701.	2.1	53
69	An Increase in Vascular Endothelial Growth Factor (VEGF) and VEGF Soluble Receptor-1 (sFlt-1) Are Associated with Early Recurrent Spontaneous Abortion. <i>PLoS ONE</i> , 2013, 8, e75759.	2.5	53
70	Metagenomic analysis identified microbiome alterations and pathological association between intestinal microbiota and polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2020, 113, 1286-1298.e4.	1.0	53
71	Highly efficient base editing in human tripronuclear zygotes. <i>Protein and Cell</i> , 2017, 8, 772-775.	11.0	52
72	Roles of TGF- β Superfamily Proteins in Extravillous Trophoblast Invasion. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 170-189.	7.1	52

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73	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
74	Phosphorylation of STAT3 mediates the induction of cyclooxygenase-2 by cortisol in the human amnion at parturition. <i>Science Signaling</i> , 2015, 8, ra106.	3.6	51
75	Novel variants in the SOHLH2 gene are implicated in human premature ovarian failure. <i>Fertility and Sterility</i> , 2014, 101, 1104-1109.e6.	1.0	50
76	Androgen-induced gut dysbiosis disrupts glucolipid metabolism and endocrinal functions in polycystic ovary syndrome. <i>Microbiome</i> , 2021, 9, 101.	11.1	50
77	Association of +45G15G(T/G) and +276(G/T) polymorphisms in the ADIPOQ gene with polycystic ovary syndrome among Han Chinese women. <i>European Journal of Endocrinology</i> , 2008, 158, 255-260.	3.7	49
78	Higher PDCD4 expression is associated with obesity, insulin resistance, lipid metabolism disorders, and granulosa cell apoptosis in polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2016, 105, 1330-1337.e3.	1.0	49
79	Association of basal serum testosterone levels with ovarian response and in vitro fertilization outcome. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 9.	3.3	48
80	Dual roles of TRF1 in tethering telomeres to the nuclear envelope and protecting them from fusion during meiosis. <i>Cell Death and Differentiation</i> , 2018, 25, 1174-1188.	11.2	48
81	Polymorphisms of KIR Gene and HLA-C Alleles: Possible Association with Susceptibility to HLA-B27-Positive Patients with Ankylosing Spondylitis. <i>Journal of Clinical Immunology</i> , 2010, 30, 840-844.	3.8	47
82	Family-based analysis of susceptibility loci for polycystic ovary syndrome on chromosome 2p16.3, 2p21 and 9q33.3. <i>Human Reproduction</i> , 2012, 27, 294-298.	0.9	47
83	Differential expression profile of plasma exosomal microRNAs in women with polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2021, 115, 782-792.	1.0	46
84	Early apoptotic changes in human spermatozoa and their relationships with conventional semen parameters and sperm DNA fragmentation. <i>Asian Journal of Andrology</i> , 2008, 10, 227-235.	1.6	44
85	Melatonin Receptor 1A Gene Polymorphism Associated with Polycystic Ovary Syndrome. <i>Gynecologic and Obstetric Investigation</i> , 2011, 72, 130-134.	1.6	44
86	Variants in <i>FSHB</i> Are Associated With Polycystic Ovary Syndrome and Luteinizing Hormone Level in Han Chinese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2178-2184.	3.6	44
87	Analysis of LHX8 mutation in premature ovarian failure. <i>Fertility and Sterility</i> , 2008, 89, 1012-1014.	1.0	43
88	Association Study between Polycystic Ovarian Syndrome and the Susceptibility Genes Polymorphisms in Hui Chinese Women. <i>PLoS ONE</i> , 2015, 10, e0126505.	2.5	43
89	Genetic Studies on Polycystic Ovary Syndrome. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2016, 37, 56-65.	2.8	43
90	Effect of pretreatment with oral contraceptives and progestins on IVF outcomes in women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2017, 32, 354-361.	0.9	43

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91	The histone modification reader ZCWPW1 is required for meiosis prophase I in male but not in female mice. <i>Science Advances</i> , 2019, 5, eaax1101.	10.3	43
92	Common Variant rs9939609 in Gene FTO Confers Risk to Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2013, 8, e66250.	2.5	42
93	MicroRNA-379-5p is associated with biochemical premature ovarian insufficiency through PARP1 and XRCC6. <i>Cell Death and Disease</i> , 2018, 9, 106.	6.3	42
94	lnc-MAP3K13-7:1 Inhibits Ovarian GC Proliferation in PCOS via DNMT1 Downregulation-Mediated CDKN1A Promoter Hypomethylation. <i>Molecular Therapy</i> , 2021, 29, 1279-1293.	8.2	42
95	The polycystic ovary syndrome-associated gene Yap1 is regulated by gonadotropins and sex steroid hormones in hyperandrogenism-induced oligo-ovulation in mouse. <i>Molecular Human Reproduction</i> , 2017, 23, 698-707.	2.8	41
96	Decline of semen quality among Chinese sperm bank donors within 7 years (2008-2014). <i>Asian Journal of Andrology</i> , 2017, 19, 521.	1.6	41
97	Combination of calcium ionophore A23187 with puromycin salvages human unfertilized oocytes after ICSI. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2006, 126, 72-76.	1.1	40
98	Autophagy regulates differentiation of ovarian granulosa cells through degradation of WT1. <i>Autophagy</i> , 2022, 18, 1864-1878.	9.1	40
99	Cyclosporin A Disrupts Bradykinin Signaling Through Superoxide. <i>Hypertension</i> , 2003, 41, 1136-1142.	2.7	39
100	Association between Genetic Variations in MTNR1A and MTNR1B Genes and Gestational Diabetes Mellitus in Han Chinese Women. <i>Gynecologic and Obstetric Investigation</i> , 2013, 76, 221-227.	1.6	39
101	Effect of body mass index on the outcomes of controlled ovarian hyperstimulation in Chinese women with polycystic ovary syndrome: a multicenter, prospective, observational study. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 61-70.	2.5	39
102	Polycomb subunit BMI1 determines uterine progesterone responsiveness essential for normal embryo implantation. <i>Journal of Clinical Investigation</i> , 2017, 128, 175-189.	8.2	39
103	Comparison of the phenotype of Chinese versus Dutch Caucasian women presenting with polycystic ovary syndrome and oligo/amenorrhoea. <i>Human Reproduction</i> , 2012, 27, 1481-1488.	0.9	38
104	Polycystic ovary syndrome susceptibility single nucleotide polymorphisms in women with a single PCOS clinical feature. <i>Human Reproduction</i> , 2015, 30, 732-736.	0.9	38
105	The Proto-oncogene Transcription Factor Ets1 Regulates Neural Crest Development through Histone Deacetylase 1 to Mediate Output of Bone Morphogenetic Protein Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 21925-21938.	3.4	38
106	Dosage of exogenous gonadotropins is not associated with blastocyst aneuploidy or live-birth rates in PGS cycles in Chinese women. <i>Human Reproduction</i> , 2018, 33, 1875-1882.	0.9	38
107	Melatonin promotes human oocyte maturation and early embryo development by enhancing clathrin-mediated endocytosis. <i>Journal of Pineal Research</i> , 2019, 67, e12601.	7.4	38
108	<i>BRCA2</i> in Ovarian Development and Function. <i>New England Journal of Medicine</i> , 2019, 380, 1086-1087.	27.0	38

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109	The HMGA2-IMP2 Pathway Promotes Granulosa Cell Proliferation in Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1049-1059.	3.6	38
110	Effects of sucrose concentration on the developmental potential of human frozen-thawed oocytes at different stages of maturity. <i>Human Reproduction</i> , 2004, 19, 2345-2349.	0.9	37
111	Association of rs10830963 and rs10830962 SNPs in the melatonin receptor (MTNR1B) gene among Han Chinese women with polycystic ovary syndrome. <i>Molecular Human Reproduction</i> , 2011, 17, 193-198.	2.8	37
112	Effects of BMAL1-SIRT1-positive cycle on estrogen synthesis in human ovarian granulosa cells: an implicative role of BMAL1 in PCOS. <i>Endocrine</i> , 2016, 53, 574-584.	2.3	37
113	Inhibitory KIR and specific HLA-C gene combinations confer susceptibility to or protection against chronic hepatitis B. <i>Clinical Immunology</i> , 2010, 137, 139-146.	3.2	35
114	The Plasma Level of Soluble Receptor for Advanced Glycation End Products is Decreased in Patients with Systemic Lupus Erythematosus. <i>Scandinavian Journal of Immunology</i> , 2012, 75, 614-622.	2.7	35
115	Association of VEGF Genetic Polymorphisms with Recurrent Spontaneous Abortion Risk: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0123696.	2.5	35
116	Generation of human haploid embryonic stem cells from parthenogenetic embryos obtained by microsurgical removal of male pronucleus. <i>Cell Research</i> , 2016, 26, 743-746.	12.0	35
117	Minichromosome maintenance complex component 8 mutations cause primary ovarian insufficiency. <i>Fertility and Sterility</i> , 2016, 106, 1485-1489.e2.	1.0	35
118	11 β -HSD1 in Human Fetal Membranes as a Potential Therapeutic Target for Preterm Birth. <i>Endocrine Reviews</i> , 2018, 39, 241-260.	20.1	35
119	Fertility factors affect the vaginal microbiome in women of reproductive age. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13220.	1.2	35
120	Continuous Light-Induced PCOS-Like Changes in Reproduction, Metabolism, and Gut Microbiota in Sprague-Dawley Rats. <i>Frontiers in Microbiology</i> , 2019, 10, 3145.	3.5	35
121	The role of male chromosomal polymorphism played in spermatogenesis and the outcome of IVF/ICSI treatment. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 802-809.	3.6	34
122	Recurrent miscarriage is associated with a decline of decidual natural killer cells expressing killer cell immunoglobulin-like receptors specific for human leukocyte antigen <sc>C</sc>. <i>Journal of Obstetrics and Gynaecology Research</i> , 2014, 40, 1288-1295.	1.3	34
123	Hypertension in women with polycystic ovary syndrome: prevalence and associated cardiovascular risk factors. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 173, 66-70.	1.1	34
124	Loss of oocyte Rps26 in mice arrests oocyte growth and causes premature ovarian failure. <i>Cell Death and Disease</i> , 2018, 9, 1144.	6.3	34
125	Altered circadian clock as a novel therapeutic target for constant darkness-induced insulin resistance and hyperandrogenism of polycystic ovary syndrome. <i>Translational Research</i> , 2020, 219, 13-29.	5.0	34
126	The histone modification reader ZCWPW1 links histone methylation to PRDM9-induced double-strand break repair. <i>ELife</i> , 2020, 9, .	6.0	34

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127	Live birth after fresh embryo transfer vs elective embryo cryopreservation/frozen embryo transfer in women with polycystic ovary syndrome undergoing IVF (FreFro-PCOS): study protocol for a multicenter, prospective, randomized controlled clinical trial. <i>Trials</i> , 2014, 15, 154.	1.6	33
128	Novel WT1 Missense Mutations in Han Chinese Women with Premature Ovarian Failure. <i>Scientific Reports</i> , 2015, 5, 13983.	3.3	33
129	Local Regeneration of Cortisol by 11 β -HSD1 Contributes to Insulin Resistance of the Granulosa Cells in PCOS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2168-2177.	3.6	33
130	Melatonin concentration in follicular fluid is correlated with antral follicle count (AFC) and <i>in vitro</i> fertilization (IVF) outcomes in women undergoing assisted reproductive technology (ART) procedures. <i>Gynecological Endocrinology</i> , 2018, 34, 446-450.	1.7	33
131	Dysfunction of pseudogene PGK1P2 is involved in preeclampsia by acting as a competing endogenous RNA of PGK1. <i>Pregnancy Hypertension</i> , 2018, 13, 37-45.	1.4	33
132	Melatonin inhibits 17 β -estradiol-induced migration, invasion and epithelial-mesenchymal transition in normal and endometriotic endometrial epithelial cells. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 62.	3.3	33
133	Raman profiling of embryo culture medium to identify aneuploid and euploid embryos. <i>Fertility and Sterility</i> , 2019, 111, 753-762.e1.	1.0	33
134	Lifestyle and environmental contributions to ovulatory dysfunction in women of polycystic ovary syndrome. <i>BMC Endocrine Disorders</i> , 2020, 20, 19.	2.2	33
135	Analysis of clinical characteristics in large-scale Chinese women with polycystic ovary syndrome. <i>Neuroendocrinology Letters</i> , 2007, 28, 807-10.	0.2	33
136	Prediction of IVF/ICSI outcome based on the follicular output rate. <i>Reproductive BioMedicine Online</i> , 2013, 27, 147-153.	2.4	32
137	A novel homozygous mutation in the FSHR gene is causative for primary ovarian insufficiency. <i>Fertility and Sterility</i> , 2017, 108, 1050-1055.e2.	1.0	32
138	Low anti-M μ llerian hormone concentration is associated with increased risk of embryonic aneuploidy in women of advanced age. <i>Reproductive BioMedicine Online</i> , 2018, 37, 178-183.	2.4	32
139	Stimulation of Membrane-Bound Guanylate Cyclase Activity by 17- β Estradiol. <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 639-642.	2.1	31
140	Thyroid peroxidase antibody in women with unexplained recurrent miscarriage: prevalence, prognostic value, and response to empirical thyroxine therapy. <i>Fertility and Sterility</i> , 2012, 98, 378-382.	1.0	31
141	Association of cystic fibrosis transmembrane-conductance regulator gene mutation with negative outcome of intracytoplasmic sperm injection pregnancy in cases of congenital bilateral absence of vas deferens. <i>Fertility and Sterility</i> , 2014, 101, 1255-1260.e1.	1.0	30
142	Comparative genome analysis of <i>Prevotella intermedia</i> strain isolated from infected root canal reveals features related to pathogenicity and adaptation. <i>BMC Genomics</i> , 2015, 16, 122.	2.8	30
143	Genome-Wide Association Studies for Polycystic Ovary Syndrome. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 224-229.	1.1	30
144	MicroRNA-10a promotes granulosa cells tumor development via PTEN-AKT/Wnt regulatory axis. <i>Cell Death and Disease</i> , 2018, 9, 1076.	6.3	30

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145	Wdr62 is involved in female meiotic initiation via activating JNK signaling and associated with POI in humans. <i>PLoS Genetics</i> , 2018, 14, e1007463.	3.5	30
146	The Attenuation of Trophoblast Invasion Caused by the Downregulation of EZH2 Is Involved in the Pathogenesis of Human Recurrent Miscarriage. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 377-387.	5.1	30
147	Increased risk of metabolic dysfunction in children conceived by assisted reproductive technology. <i>Diabetologia</i> , 2020, 63, 2150-2157.	6.3	30
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