

Andres Salumets

List of Publications by Year in descending order

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Version: 2024-02-01

178
papers

13,215
citations

57758

44
h-index

28297

105
g-index

191
all docs

191
docs citations

191
times ranked

22769
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
3	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	21.4	675
4	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <i>PLoS Genetics</i> , 2018, 14, e1007813.	3.5	341
5	DNA methylome profiling of human tissues identifies global and tissue-specific methylation patterns. <i>Genome Biology</i> , 2014, 15, r54.	8.8	325
6	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	27.8	320
7	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012, 44, 260-268.	21.4	303
8	Comparison of serum exosome isolation methods for microRNA profiling. <i>Clinical Biochemistry</i> , 2014, 47, 135-138.	1.9	297
9	Characterization of the Vaginal Micro- and Mycobiome in Asymptomatic Reproductive-Age Estonian Women. <i>PLoS ONE</i> , 2013, 8, e54379.	2.5	199
10	Meta-signature of human endometrial receptivity: a meta-analysis and validation study of transcriptomic biomarkers. <i>Scientific Reports</i> , 2017, 7, 10077.	3.3	182
11	MicroRNAs miR-30b, miR-30d, and miR-494 Regulate Human Endometrial Receptivity. <i>Reproductive Sciences</i> , 2013, 20, 308-317.	2.5	169
12	Complementary seminovaginal microbiome in couples. <i>Research in Microbiology</i> , 2015, 166, 440-447.	2.1	164
13	Endometrial gene expression analysis at the time of embryo implantation in women with unexplained infertility. <i>Molecular Human Reproduction</i> , 2010, 16, 178-187.	2.8	163
14	Early cleavage predicts the viability of human embryos in elective single embryo transfer procedures. <i>Human Reproduction</i> , 2003, 18, 821-825.	0.9	159
15	Guidelines for the design, analysis and interpretation of "omics" data: focus on human endometrium. <i>Human Reproduction Update</i> , 2014, 20, 12-28.	10.8	123
16	Advances in the Molecular Pathophysiology, Genetics, and Treatment of Primary Ovarian Insufficiency. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 400-419.	7.1	118
17	Research Resource: Interactome of Human Embryo Implantation: Identification of Gene Expression Pathways, Regulation, and Integrated Regulatory Networks. <i>Molecular Endocrinology</i> , 2012, 26, 203-217.	3.7	107
18	Folate-mediated one-carbon metabolism and its effect on female fertility and pregnancy viability. <i>Nutrition Reviews</i> , 2010, 68, 99-113.	5.8	105

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19	Genetic predictors of controlled ovarian hyperstimulation: where do we stand today?. Human Reproduction Update, 2011, 17, 813-828.	10.8	105
20	A genome-wide association study of early menopause and the combined impact of identified variants. Human Molecular Genetics, 2013, 22, 1465-1472.	2.9	104
21	The predictive value of pronuclear morphology of zygotes in the assessment of human embryo quality. Human Reproduction, 2001, 16, 2177-2181.	0.9	100
22	Single-cell transcriptome analysis of endometrial tissue. Human Reproduction, 2016, 31, 844-853.	0.9	95
23	Seminal microbiome in men with and without prostatitis. International Journal of Urology, 2017, 24, 211-216.	1.0	84
24	Variations in folate pathway genes are associated with unexplained female infertility. Fertility and Sterility, 2010, 94, 130-137.	1.0	81
25	Circulating miR-200 family micro-RNAs have altered plasma levels in patients with endometriosis and vary with blood collection time. Fertility and Sterility, 2015, 104, 938-946.e2.	1.0	81
26	Follicular Proinflammatory Cytokines and Chemokines as Markers of IVF Success. Clinical and Developmental Immunology, 2012, 2012, 1-10.	3.3	78
27	Frozen embryo transfers: implications of clinical and embryological factors on the pregnancy outcome. Human Reproduction, 2006, 21, 2368-2374.	0.9	77
28	Using RNA sequencing for identifying gene imprinting and random monoallelic expression in human placenta. Epigenetics, 2014, 9, 1397-1409.	2.7	74
29	Zygotes segregate entire parental genomes in distinct blastomere lineages causing cleavage-stage chimerism and mixoploidy. Genome Research, 2016, 26, 567-578.	5.5	73
30	Effect of developmental stage of embryo at freezing on pregnancy outcome of frozen-thawed embryo transfer. Human Reproduction, 2003, 18, 1890-1895.	0.9	71
31	Allelic estrogen receptor 1 (ESR1) gene variants predict the outcome of ovarian stimulation in in vitro fertilization. Molecular Human Reproduction, 2007, 13, 521-526.	2.8	71
32	Genome stability of bovine in vivo-conceived cleavage-stage embryos is higher compared to in vitro-produced embryos. Human Reproduction, 2017, 32, 2348-2357.	0.9	69
33	The prevalence and phenotypic characteristics of spontaneous premature ovarian failure: a general population registry-based study. Human Reproduction, 2015, 30, 1229-1238.	0.9	68
34	The differential transcriptome and ontology profiles of floating and cumulus granulosa cells in stimulated human antral follicles. Molecular Human Reproduction, 2010, 16, 229-240.	2.8	61
35	Review on Autoimmune Reactions in Female Infertility: Antibodies to Follicle Stimulating Hormone. Clinical and Developmental Immunology, 2012, 2012, 1-15.	3.3	59
36	Characterisation of probiotic properties in human vaginal lactobacilli strains. Microbial Ecology in Health and Disease, 2016, 27, 30484.	3.5	57

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37	The influence of menstrual cycle and endometriosis on endometrial methylome. <i>Clinical Epigenetics</i> , 2016, 8, 2.	4.1	57
38	Studies of cellulose binding by cellobiose dehydrogenase and a comparison with cellobiohydrolase 1. <i>Biochemical Journal</i> , 1997, 324, 833-838.	3.7	56
39	DNA mismatch repair gene MSH6 implicated in determining age at natural menopause. <i>Human Molecular Genetics</i> , 2014, 23, 2490-2497.	2.9	56
40	Polymorphisms in <i>ESR1</i> , <i>ESR2</i> and <i>HSD17B1</i> genes are associated with fertility status in endometriosis. <i>Gynecological Endocrinology</i> , 2011, 27, 425-433.	1.7	53
41	Endometrial receptivity revisited: endometrial transcriptome adjusted for tissue cellular heterogeneity. <i>Human Reproduction</i> , 2018, 33, 2074-2086.	0.9	53
42	Challenges in endometriosis miRNA studies – From tissue heterogeneity to disease specific miRNAs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2282-2292.	3.8	52
43	The genetic architecture of sporadic and multiple consecutive miscarriage. <i>Nature Communications</i> , 2020, 11, 5980.	12.8	52
44	Research Resource: Small RNA-seq of Human Granulosa Cells Reveals miRNAs in FSHR and Aromatase Genes. <i>Molecular Endocrinology</i> , 2013, 27, 1128-1141.	3.7	49
45	Influence of oocytes and spermatozoa on early embryonic development. <i>Fertility and Sterility</i> , 2002, 78, 1082-1087.	1.0	45
46	Circulating microRNA Profile throughout the Menstrual Cycle. <i>PLoS ONE</i> , 2013, 8, e81166.	2.5	43
47	In vitro fertilization does not increase the incidence of de novo copy number alterations in fetal and placental lineages. <i>Nature Medicine</i> , 2019, 25, 1699-1705.	30.7	43
48	Globin mRNA reduction for whole-blood transcriptome sequencing. <i>Scientific Reports</i> , 2016, 6, 31584.	3.3	42
49	Changes in the Transcriptome of the Human Endometrial Ishikawa Cancer Cell Line Induced by Estrogen, Progesterone, Tamoxifen, and Mifepristone (RU486) as Detected by RNA-Sequencing. <i>PLoS ONE</i> , 2013, 8, e68907.	2.5	42
50	Copy number variation analysis detects novel candidate genes involved in follicular growth and oocyte maturation in a cohort of premature ovarian failure cases. <i>Human Reproduction</i> , 2016, 31, 1913-1925.	0.9	41
51	A Polygenic and Phenotypic Risk Prediction for Polycystic Ovary Syndrome Evaluated by Phenome-Wide Association Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1918-1936.	3.6	40
52	High-Throughput Sequencing Approach Uncovers the miRNome of Peritoneal Endometriotic Lesions and Adjacent Healthy Tissues. <i>PLoS ONE</i> , 2014, 9, e112630.	2.5	40
53	Endometrial transcriptome analysis indicates superiority of natural over artificial cycles in recurrent implantation failure patients undergoing frozen embryo transfer. <i>Reproductive BioMedicine Online</i> , 2016, 32, 597-613.	2.4	38
54	Karyotype of the blastocoel fluid demonstrates low concordance with both trophectoderm and inner cell mass. <i>Fertility and Sterility</i> , 2018, 109, 1127-1134.e1.	1.0	38

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55	The contribution of genetic variations of aryl hydrocarbon receptor pathway genes to male factor infertility. <i>Fertility and Sterility</i> , 2007, 88, 854-859.	1.0	37
56	Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy. <i>Reproductive BioMedicine Online</i> , 2013, 26, 345-352.	2.4	37
57	DNA methylation changes in endometrium and correlation with gene expression during the transition from pre-receptive to receptive phase. <i>Scientific Reports</i> , 2017, 7, 3916.	3.3	37
58	The complex microbiome from native semen to embryo culture environment in human in vitro fertilization procedure. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 3.	3.3	37
59	Polymorphisms in MMP-2 and MMP-9 promoter regions are associated with endometriosis. <i>Fertility and Sterility</i> , 2010, 94, 1560-1563.	1.0	36
60	Folate-metabolizing gene variants and pregnancy outcome of IVF. <i>Reproductive BioMedicine Online</i> , 2011, 22, 603-614.	2.4	36
61	Deep Quantitative Proteomics Reveals Extensive Metabolic Reprogramming and Cancer-Like Changes of Ectopic Endometriotic Stromal Cells. <i>Journal of Proteome Research</i> , 2016, 15, 572-584.	3.7	36
62	Imprinted genes and imprinting control regions show predominant intermediate methylation in adult somatic tissues. <i>Epigenomics</i> , 2016, 8, 789-799.	2.1	35
63	Individually cultured bovine embryos produce extracellular vesicles that have the potential to be used as non-invasive embryo quality markers. <i>Theriogenology</i> , 2020, 149, 104-116.	2.1	35
64	Differentially-Expressed miRNAs in Ectopic Stromal Cells Contribute to Endometriosis Development: The Plausible Role of miR-139-5p and miR-375. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3789.	4.1	34
65	Demographic and evolutionary trends in ovarian function and aging. <i>Human Reproduction Update</i> , 2019, 25, 34-50.	10.8	34
66	Specific trophoblast transcripts transferred by extracellular vesicles affect gene expression in endometrial epithelial cells and may have a role in embryo-maternal crosstalk. <i>Cell Communication and Signaling</i> , 2019, 17, 146.	6.5	34
67	Fine-scale quantification of HCG beta gene transcription in human trophoblastic and non-malignant non-trophoblastic tissues. <i>Molecular Human Reproduction</i> , 2008, 14, 23-31.	2.8	33
68	Follicle-Stimulating Hormone Receptor Gene Haplotypes and Male Infertility in Estonian Population and Meta-Analysis. <i>Systems Biology in Reproductive Medicine</i> , 2010, 56, 84-90.	2.1	33
69	Bovine sperm plasma membrane proteomics through biotinylation and subcellular enrichment. <i>Proteomics</i> , 2015, 15, 1906-1920.	2.2	33
70	Folic acid supplementation and IVF pregnancy outcome in women with unexplained infertility. <i>Reproductive BioMedicine Online</i> , 2014, 28, 766-772.	2.4	32
71	The Gut Microbiome in Polycystic Ovary Syndrome and Its Association with Metabolic Traits. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 858-871.	3.6	31
72	Aromatase gene (CYP19A1) variants, female infertility and ovarian stimulation outcome: a preliminary report. <i>Reproductive BioMedicine Online</i> , 2009, 18, 651-657.	2.4	30

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73	ORIGINAL ARTICLE: Serum Anti-Endometrial Antibodies in Infertile Women – Potential Risk Factor for Implantation Failure. <i>American Journal of Reproductive Immunology</i> , 2010, 63, 349-357.	1.2	30
74	Pregnancy-induced thymic involution is associated with suppression of chemokines essential for T-lymphoid progenitor homing. <i>European Journal of Immunology</i> , 2016, 46, 2008-2017.	2.9	30
75	A Two-Cohort RNA-seq Study Reveals Changes in Endometrial and Blood miRNome in Fertile and Infertile Women. <i>Genes</i> , 2018, 9, 574.	2.4	29
76	A speculative outlook on embryonic aneuploidy: Can molecular pathways be involved?. <i>Developmental Biology</i> , 2019, 447, 3-13.	2.0	29
77	Demographic associations for autoantibodies in disease-free individuals of a European population. <i>Scientific Reports</i> , 2017, 7, 44846.	3.3	28
78	Safeguarding Female Reproductive Health Against Endocrine Disrupting Chemicals – The FREIA Project. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3215.	4.1	28
79	rs10732516 polymorphism at the IGF2/H19 locus associates with genotype-specific effects on placental DNA methylation and birth weight of newborns conceived by assisted reproductive technology. <i>Clinical Epigenetics</i> , 2018, 10, 80.	4.1	27
80	Trophoblast derived extracellular vesicles specifically alter the transcriptome of endometrial cells and may constitute a critical component of embryo-maternal communication. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 115.	3.3	27
81	Physical activity, fatness, educational level and snuff consumption as determinants of semen quality: findings of the ActiART study. <i>Reproductive BioMedicine Online</i> , 2015, 31, 108-119.	2.4	26
82	TAC-seq: targeted DNA and RNA sequencing for precise biomarker molecule counting. <i>Npj Genomic Medicine</i> , 2018, 3, 34.	3.8	26
83	Revisiting the Resazurin-Based Sensing of Cellular Viability: Widening the Application Horizon. <i>Biosensors</i> , 2022, 12, 196.	4.7	26
84	High-throughput mRNA sequencing of stromal cells from endometriomas and endometrium. <i>Reproduction</i> , 2017, 154, 93-100.	2.6	25
85	Anti-FSH antibodies associate with poor outcome of ovarian stimulation in IVF. <i>Reproductive BioMedicine Online</i> , 2008, 16, 350-355.	2.4	24
86	Association of CCR5, TLR2, TLR4 and MBL genetic variations with genital tract infections and tubal factor infertility. <i>Journal of Reproductive Immunology</i> , 2010, 87, 74-81.	1.9	24
87	A novel hypothesis for histone-to-protamine transition in <i>Bos taurus</i> spermatozoa. <i>Reproduction</i> , 2017, 153, 241-251.	2.6	24
88	Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals. <i>Archives of Toxicology</i> , 2020, 94, 3359-3379.	4.2	24
89	Androgen receptor epigenetic variations influence early follicular phase gonadotropin levels. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2010, 89, 1557-1563.	2.8	23
90	Folic acid supplementation and methylenetetrahydrofolate reductase (MTHFR) gene variations in relation to in vitro fertilization pregnancy outcome. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015, 94, 65-71.	2.8	23

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91	Uterine Fluid Proteins for Minimally Invasive Assessment of Endometrial Receptivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 219-230.	3.6	23
92	Uterine fluid microRNAs are dysregulated in women with recurrent implantation failure. <i>Human Reproduction</i> , 2022, 37, 734-746.	0.9	23
93	Genes targeted by the estrogen and progesterone receptors in the human endometrial cell lines HEC1A and RL95-2. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 150.	3.3	22
94	Genetic variations in vascular endothelial growth factor but not in angiotensin I-converting enzyme genes are associated with endometriosis in Estonian women. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 153, 85-89.	1.1	22
95	Putative Predictors of Antibodies Against Follicle-Stimulating Hormone in Female Infertility: A Study Based on In Vitro Fertilization Patients. <i>American Journal of Reproductive Immunology</i> , 2007, 57, 193-200.	1.2	21
96	Haplotyping-based preimplantation genetic testing reveals parent-of-origin specific mechanisms of aneuploidy formation. <i>Npj Genomic Medicine</i> , 2021, 6, 81.	3.8	21
97	Tissue Factor and Tissue Factor Pathway Inhibitors TFPI and TFPI2 in Human Secretory Endometrium—Possible Link to Female Infertility. <i>Reproductive Sciences</i> , 2011, 18, 666-678.	2.5	20
98	Tissue-specific mitochondrial heteroplasmy at position 16,093 within the same individual. <i>Current Genetics</i> , 2014, 60, 11-16.	1.7	20
99	Compartmentalized gene expression profiling of receptive endometrium reveals progesterone regulated ENPP3 is differentially expressed and secreted in glycosylated form. <i>Scientific Reports</i> , 2016, 6, 33811.	3.3	20
100	Large-scale meta-analysis highlights the hypothalamic—pituitary—gonadal axis in the genetic regulation of menstrual cycle length. <i>Human Molecular Genetics</i> , 2018, 27, 4323-4332.	2.9	20
101	A case report and follow-up of the first live birth after heterotopic transplantation of cryopreserved ovarian tissue in Eastern Europe. <i>BMC Women's Health</i> , 2019, 19, 65.	2.0	20
102	Androgen receptor gene haplotype is associated with male infertility. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 395-402.	3.6	19
103	Autoimmune Activation toward Embryo Implantation is Rare in Immune-Privileged Human Endometrium. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 376-384.	1.1	19
104	Stanniocalcin-1 expression in normal human endometrium and dysregulation in endometriosis. <i>Fertility and Sterility</i> , 2016, 106, 681-691.e1.	1.0	19
105	Bovine Follicular Fluid and Extracellular Vesicles Derived from Follicular Fluid Alter the Bovine Oviductal Epithelial Cells Transcriptome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5365.	4.1	19
106	Genetic variants associated with female reproductive ageing — potential markers for assessing ovarian function and ovarian stimulation outcome. <i>Reproductive BioMedicine Online</i> , 2015, 31, 199-209.	2.4	18
107	Systemic oxidative stress could predict assisted reproductive technique outcome. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 699-704.	2.5	18
108	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 379-384.	2.2	17

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109	Somatic mosaicism for copy-neutral loss of heterozygosity and DNA copy number variations in the human genome. <i>BMC Genomics</i> , 2015, 16, 703.	2.8	17
110	Cellular, Extracellular and Extracellular Vesicular miRNA Profiles of Pre-Ovulatory Follicles Indicate Signaling Disturbances in Polycystic Ovaries. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9550.	4.1	17
111	Reproductive options for families at risk of Osteogenesis Imperfecta: a review. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 128.	2.7	17
112	Target prediction and validation of microRNAs expressed from FSHR and aromatase genes in human ovarian granulosa cells. <i>Scientific Reports</i> , 2020, 10, 2300.	3.3	17
113	Oviduct as a sensor of embryo quality: deciphering the extracellular vesicle (EV)-mediated embryo-maternal dialogue. <i>Journal of Molecular Medicine</i> , 2021, 99, 685-697.	3.9	17
114	Syndecan-1 modulates the invasive potential of endometrioma via TGF- β 2 signalling in a subgroup of women with endometriosis. <i>Human Reproduction</i> , 2020, 35, 2280-2293.	0.9	16
115	Machine Learning Approaches to Classify Primary and Metastatic Cancers Using Tissue of Origin-Based DNA Methylation Profiles. <i>Cancers</i> , 2021, 13, 3768.	3.7	16
116	Cell-Penetrating Peptide and siRNA-Mediated Therapeutic Effects on Endometriosis and Cancer In Vitro Models. <i>Pharmaceutics</i> , 2021, 13, 1618.	4.5	16
117	In vivo and in vitro postovulatory aging: when time works against oocyte quality?. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 905-918.	2.5	16
118	No evidence of somatic DNA copy number alterations in eutopic and ectopic endometrial tissue in endometriosis. <i>Human Reproduction</i> , 2012, 27, 1857-1864.	0.9	15
119	Women with polycystic ovary syndrome present with altered endometrial expression of stanniocalcin-1. <i>Biology of Reproduction</i> , 2020, 102, 306-315.	2.7	15
120	Sequencing and annotated analysis of full genome of Holstein breed bull. <i>Mammalian Genome</i> , 2014, 25, 363-373.	2.2	13
121	Chromosomal scan of single sperm cells by combining fluorescence-activated cell sorting and next-generation sequencing. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 91-97.	2.5	13
122	Hyperglycosylated hCG activates LH/hCG-receptor with lower activity than hCG. <i>Molecular and Cellular Endocrinology</i> , 2019, 479, 103-109.	3.2	13
123	NIPTmer: rapid k-mer-based software package for detection of fetal aneuploidies. <i>Scientific Reports</i> , 2018, 8, 5616.	3.3	12
124	Extracellular vesicle research in reproductive science: Paving the way for clinical achievements. <i>Biology of Reproduction</i> , 2022, 106, 408-424.	2.7	12
125	Controlled Ovarian Hyperstimulation Changes the Prevalence of Serum Autoantibodies in In Vitro Fertilization Patients. <i>American Journal of Reproductive Immunology</i> , 2006, 56, 364-370.	1.2	11
126	A novel genomic diagnostic tool for sperm quality?. <i>Reproductive BioMedicine Online</i> , 2011, 22, 405-407.	2.4	11

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127	Sequencing and annotated analysis of the Holstein cow genome. <i>Mammalian Genome</i> , 2013, 24, 309-321.	2.2	11
128	Optimizing bone morphogenic protein 4-mediated human embryonic stem cell differentiation into trophoblast-like cells using fibroblast growth factor 2 and transforming growth factor- β /activin/nodal signalling inhibition. <i>Reproductive BioMedicine Online</i> , 2017, 35, 253-263.	2.4	11
129	DNA methylation alterationsâ€™ potential cause of endometriosis pathogenesis or a reflection of tissue heterogeneity?â€™. <i>Biology of Reproduction</i> , 2018, 99, 273-282.	2.7	11
130	Thinning and drilling laser-assisted hatching in thawed embryo transfer: A randomized controlled trial. <i>Clinical and Experimental Reproductive Medicine</i> , 2018, 45, 129-134.	1.5	11
131	Computational framework for targeted high-coverage sequencing based NIPT. <i>PLoS ONE</i> , 2019, 14, e0209139.	2.5	11
132	Identification of fetal unmodified and 5-hydroxymethylated CG sites in maternal cell-free DNA for non-invasive prenatal testing. <i>Clinical Epigenetics</i> , 2020, 12, 153.	4.1	11
133	Coupling miR/isomiR and mRNA Expression Signatures Unveils New Molecular Layers of Endometrial Receptivity. <i>Life</i> , 2021, 11, 1391.	2.4	11
134	Elevated incidence of chromosomally chaotic embryos among frozen-thawed preimplantation embryos. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2004, 114, 59-63.	1.1	10
135	Analysis of Polymorphisms in the SRD5A2 Gene and Semen Parameters in Estonian Men. <i>Journal of Andrology</i> , 2010, 31, 372-378.	2.0	10
136	Pregnancy Rate in Endometriosis Patients according to the Severity of the Disease after Using a Combined Approach of Laparoscopy, GnRH Agonist Treatment and in vitro Fertilization. <i>Gynecologic and Obstetric Investigation</i> , 2015, 79, 34-39.	1.6	10
137	Maternal physical activity and sedentary behaviour before and during in vitro fertilization treatment: a longitudinal study exploring the associations with controlled ovarian stimulation and pregnancy outcomes. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1869-1881.	2.5	10
138	Survivin promoter polymorphisms and autoantibodies in endometriosis. <i>Journal of Reproductive Immunology</i> , 2012, 96, 95-100.	1.9	9
139	Ovarian Physiology and GWAS: Biobanks, Biology, and Beyond. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 516-528.	7.1	9
140	Homing Peptide-Based Targeting of Tenascin-C and Fibronectin in Endometriosis. <i>Nanomaterials</i> , 2021, 11, 3257.	4.1	9
141	VNTR I/I genotype of insulin gene is associated with the increase of follicle number independent from polycystic ovary syndrome. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2007, 86, 726-732.	2.8	8
142	A folate receptor alpha double-mutated haplotype 1816delCâ€™1841A is distributed throughout Eurasia and associated with lower erythrocyte folate levels. <i>Molecular Biology Reports</i> , 2012, 39, 4471-4478.	2.3	8
143	Characterization of the Biological Activities of Human Luteinizing Hormone and Chorionic Gonadotropin by a FÃ¶rster Resonance Energy Transfer-Based Biosensor Assay. <i>Analytical Letters</i> , 2015, 48, 2799-2809.	1.8	8
144	Compliance to the recommended use of folic acid supplements for women in Sweden is higher among those under treatment for infertility than among fertile controls and is also related to socioeconomic status and lifestyle. <i>Food and Nutrition Research</i> , 2017, 61, 1334483.	2.6	8

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145	Whole exome sequencing of benign pulmonary metastasizing leiomyoma reveals mutation in the BMP8B gene. BMC Medical Genetics, 2018, 19, 20.	2.1	8
146	Genome-wide histone modification profiling of inner cell mass and trophectoderm of bovine blastocysts by RAT-ChIP. PLoS ONE, 2019, 14, e0225801.	2.5	8
147	Circulating anti-follicle-stimulating hormone immunoglobulin A in women: a sperm-prone reaction of mucosal tolerance?. Fertility and Sterility, 2008, 90, 1253-1255.	1.0	7
148	Mannose-binding lectin genotypes: potential role in tubal damage and adverse IVF outcome. Journal of Reproductive Immunology, 2011, 92, 62-67.	1.9	7
149	Determination of biological activity of gonadotropins hCG and FSH by Förster resonance energy transfer based biosensors. Scientific Reports, 2017, 7, 42219.	3.3	7
150	Chemosensitivity and chemoresistance in endometriosis – differences for ectopic versus eutopic cells. Reproductive BioMedicine Online, 2019, 39, 556-568.	2.4	7
151	Spermatozoa induce transcriptomic alterations in bovine oviductal epithelial cells prior to initial contact. Journal of Cell Communication and Signaling, 2020, 14, 439-451.	3.4	7
152	From late fatherhood to prenatal screening of monogenic disorders: evidence and ethical concerns. Human Reproduction Update, 2021, 27, 1056-1085.	10.8	7
153	Potential innate immunity-related markers of endometrial receptivity and recurrent implantation failure (RIF). Reproductive Biology, 2021, 21, 100569.	1.9	7
154	Cytogenetic and molecular characterization of the derivative Y chromosome: a case study of an azoospermic patient. Clinical Genetics, 2007, 72, 460-463.	2.0	6
155	Progesterone triggers Rho kinase-cofilin axis during <i>in vitro</i> and <i>in vivo</i> endometrial decidualization. Human Reproduction, 2021, 36, 2230-2248.	0.9	6
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