

Andres Salumets

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2994477/publications.pdf>

Version: 2024-02-01

178
papers

13,215
citations

66250

44
h-index

32181

105
g-index

191
all docs

191
docs citations

191
times ranked

24882
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular vesicle research in reproductive science: Paving the way for clinical achievements. <i>Biology of Reproduction</i> , 2022, 106, 408-424.	1.2	12
2	Uterine fluid microRNAs are dysregulated in women with recurrent implantation failure. <i>Human Reproduction</i> , 2022, 37, 734-746.	0.4	23
3	Prenatal diagnosis of a 46,XY karyotype female fetus with an SRY-associated gonadal dysgenesis, conceived through an intracytoplasmic sperm injection: a case report. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 105.	0.9	0
4	Revisiting the Resazurin-Based Sensing of Cellular Viability: Widening the Application Horizon. <i>Biosensors</i> , 2022, 12, 196.	2.3	26
5	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.	1.2	16
6	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.	1.8	31
7	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.	1.7	17
8	Physical and Sedentary Activities in Association with Reproductive Outcomes among Couples Seeking Infertility Treatment: A Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2718.	1.2	5
9	Review on Volatolomic Studies as a Frontier Approach in Animal Research. <i>Advanced Biology</i> , 2021, 5, e2000397.	1.4	1
10	Progesterone triggers Rho kinase-cofilin axis during <i>in vitro</i> and <i>in vivo</i> endometrial decidualization. <i>Human Reproduction</i> , 2021, 36, 2230-2248.	0.4	6
11	Machine Learning Approaches to Classify Primary and Metastatic Cancers Using Tissue of Origin-Based DNA Methylation Profiles. <i>Cancers</i> , 2021, 13, 3768.	1.7	16
12	From late fatherhood to prenatal screening of monogenic disorders: evidence and ethical concerns. <i>Human Reproduction Update</i> , 2021, 27, 1056-1085.	5.2	7
13	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.	1.4	27
14	Hsa-mir-548 family expression in human reproductive tissues. <i>BMC Genomic Data</i> , 2021, 22, 40.	0.7	5
15	Haplotyping-based preimplantation genetic testing reveals parent-of-origin specific mechanisms of aneuploidy formation. <i>Npj Genomic Medicine</i> , 2021, 6, 81.	1.7	21
16	Cell-Penetrating Peptide and siRNA-Mediated Therapeutic Effects on Endometriosis and Cancer In Vitro Models. <i>Pharmaceutics</i> , 2021, 13, 1618.	2.0	16
17	Homing Peptide-Based Targeting of Tenascin-C and Fibronectin in Endometriosis. <i>Nanomaterials</i> , 2021, 11, 3257.	1.9	9
18	Potential innate immunity-related markers of endometrial receptivity and recurrent implantation failure (RIF). <i>Reproductive Biology</i> , 2021, 21, 100569.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Systematic evaluation of NIPT aneuploidy detection software tools with clinically validated NIPT samples. <i>PLoS Computational Biology</i> , 2021, 17, e1009684.	1.5	6
20	Coupling miR/isomiR and mRNA Expression Signatures Unveils New Molecular Layers of Endometrial Receptivity. <i>Life</i> , 2021, 11, 1391.	1.1	11
21	Uterine Fluid Proteins for Minimally Invasive Assessment of Endometrial Receptivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 219-230.	1.8	23
22	Women with polycystic ovary syndrome present with altered endometrial expression of stanniocalcin-1. <i>Biology of Reproduction</i> , 2020, 102, 306-315.	1.2	15
23	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.	1.8	40
24	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.	1.8	11
25	Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals. <i>Archives of Toxicology</i> , 2020, 94, 3359-3379.	1.9	24
26	The genetic architecture of sporadic and multiple consecutive miscarriage. <i>Nature Communications</i> , 2020, 11, 5980.	5.8	52
27	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.	1.8	19
28	Spermatozoa induce transcriptomic alterations in bovine oviductal epithelial cells prior to initial contact. <i>Journal of Cell Communication and Signaling</i> , 2020, 14, 439-451.	1.8	7
29	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.	0.4	16
30	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.	1.8	17
31	Reproductive options for families at risk of Osteogenesis Imperfecta: a review. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 128.	1.2	17
32	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.	1.2	10
33	Safeguarding Female Reproductive Health Against Endocrine Disrupting Chemicals—The FREIA Project. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3215.	1.8	28
34	Target prediction and validation of microRNAs expressed from FSHR and aromatase genes in human ovarian granulosa cells. <i>Scientific Reports</i> , 2020, 10, 2300.	1.6	17
35	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.	1.4	37
36	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.	0.9	35

#	ARTICLE	IF	CITATIONS
37	Utilising FGF2, IGF2 and FSH in serum-free protocol for long-term in vitro cultivation of primary human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2020, 510, 110816.	1.6	3
38	Demographic and evolutionary trends in ovarian function and aging. <i>Human Reproduction Update</i> , 2019, 25, 34-50.	5.2	34
39	Computational framework for targeted high-coverage sequencing based NIPT. <i>PLoS ONE</i> , 2019, 14, e0209139.	1.1	11
40	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.	15.2	43
41	EXTL3-interacting endometriosis-specific serum factors induce colony formation of endometrial stromal cells. <i>Scientific Reports</i> , 2019, 9, 12562.	1.6	2
42	MUC20 expression marks the receptive phase of the human endometrium. <i>Reproductive BioMedicine Online</i> , 2019, 39, 725-736.	1.1	5
43	Chemosensitivity and chemoresistance in endometriosis – differences for ectopic versus eutopic cells. <i>Reproductive BioMedicine Online</i> , 2019, 39, 556-568.	1.1	7
44	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.	0.8	20
45	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.	2.7	34
46	Genome-wide histone modification profiling of inner cell mass and trophectoderm of bovine blastocysts by RAT-ChIP. <i>PLoS ONE</i> , 2019, 14, e0225801.	1.1	8
47	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.	1.2	13
48	Hyperglycosylated hCG activates LH/hCG-receptor with lower activity than hCG. <i>Molecular and Cellular Endocrinology</i> , 2019, 479, 103-109.	1.6	13
49	A speculative outlook on embryonic aneuploidy: Can molecular pathways be involved?. <i>Developmental Biology</i> , 2019, 447, 3-13.	0.9	29
50	Is genital tract infection related to tubal diseases in infertile Vietnamese women?. <i>Journal of Infection in Developing Countries</i> , 2019, 13, 906-913.	0.5	5
51	DNA methylation alterations – potential cause of endometriosis pathogenesis or a reflection of tissue heterogeneity?. <i>Biology of Reproduction</i> , 2018, 99, 273-282.	1.2	11
52	NIPTmer: rapid k-mer-based software package for detection of fetal aneuploidies. <i>Scientific Reports</i> , 2018, 8, 5616.	1.6	12
53	Advances in the Molecular Pathophysiology, Genetics, and Treatment of Primary Ovarian Insufficiency. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 400-419.	3.1	118
54	A Two-Cohort RNA-seq Study Reveals Changes in Endometrial and Blood miRNome in Fertile and Infertile Women. <i>Genes</i> , 2018, 9, 574.	1.0	29

#	ARTICLE	IF	CITATIONS
55	TAC-seq: targeted DNA and RNA sequencing for precise biomarker molecule counting. <i>Npj Genomic Medicine</i> , 2018, 3, 34.	1.7	26
56	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.	1.5	341
57	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.	1.8	34
58	Endometrial receptivity revisited: endometrial transcriptome adjusted for tissue cellular heterogeneity. <i>Human Reproduction</i> , 2018, 33, 2074-2086.	0.4	53
59	Large-scale meta-analysis highlights the hypothalamicâ€“pituitaryâ€“gonadal axis in the genetic regulation of menstrual cycle length. <i>Human Molecular Genetics</i> , 2018, 27, 4323-4332.	1.4	20
60	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.	0.5	11
61	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.	1.8	27
62	Whole exome sequencing of benign pulmonary metastasizing leiomyoma reveals mutation in the BMP8B gene. <i>BMC Medical Genetics</i> , 2018, 19, 20.	2.1	8
63	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.	0.5	38
64	Seminal microbiome in men with and without prostatitis. <i>International Journal of Urology</i> , 2017, 24, 211-216.	0.5	84
65	Determination of biological activity of gonadotropins hCG and FSH by FÃ¶rster resonance energy transfer based biosensors. <i>Scientific Reports</i> , 2017, 7, 42219.	1.6	7
66	High-throughput mRNA sequencing of stromal cells from endometriomas and endometrium. <i>Reproduction</i> , 2017, 154, 93-100.	1.1	25
67	A novel hypothesis for histone-to-protamine transition in <i>Bos taurus</i> spermatozoa. <i>Reproduction</i> , 2017, 153, 241-251.	1.1	24
68	Optimizing bone morphogenic protein 4-mediated human embryonic stem cell differentiation into trophoblast-like cells using fibroblast growth factor 2 and transforming growth factor-Î²/activin/nodal signalling inhibition. <i>Reproductive BioMedicine Online</i> , 2017, 35, 253-263.	1.1	11
69	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.	1.6	37
70	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.	1.2	8
71	Demographic associations for autoantibodies in disease-free individuals of a European population. <i>Scientific Reports</i> , 2017, 7, 44846.	1.6	28
72	Genome stability of bovine in vivo-conceived cleavage-stage embryos is higher compared to in vitro-produced embryos. <i>Human Reproduction</i> , 2017, 32, 2348-2357.	0.4	69

#	ARTICLE	IF	CITATIONS
73	Meta-signature of human endometrial receptivity: a meta-analysis and validation study of transcriptomic biomarkers. <i>Scientific Reports</i> , 2017, 7, 10077.	1.6	182
74	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.	1.8	52
75	OMICs Studies and Endometriosis Biomarker Identification. , 2017, , 227-258.		5
76	Characterisation of probiotic properties in human vaginal lactobacilli strains. <i>Microbial Ecology in Health and Disease</i> , 2016, 27, 30484.	3.8	57
77	Assessment of Blood Contamination in Biological Fluids Using MALDI-TOF MS. <i>Protein Journal</i> , 2016, 35, 171-176.	0.7	2
78	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.	1.1	38
79	Ovarian Physiology and GWAS: Biobanks, Biology, and Beyond. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 516-528.	3.1	9
80	Zygotes segregate entire parental genomes in distinct blastomere lineages causing cleavage-stage chimerism and mixoploidy. <i>Genome Research</i> , 2016, 26, 567-578.	2.4	73
81	Imprinted genes and imprinting control regions show predominant intermediate methylation in adult somatic tissues. <i>Epigenomics</i> , 2016, 8, 789-799.	1.0	35
82	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.	1.6	20
83	Globin mRNA reduction for whole-blood transcriptome sequencing. <i>Scientific Reports</i> , 2016, 6, 31584.	1.6	42
84	C14orf132 gene is possibly related to extremely low birth weight. <i>BMC Genetics</i> , 2016, 17, 132.	2.7	4
85	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.	0.4	41
86	Stanniocalcin-1 expression in normal human endometrium and dysregulation in endometriosis. <i>Fertility and Sterility</i> , 2016, 106, 681-691.e1.	0.5	19
87	The influence of menstrual cycle and endometriosis on endometrial methylome. <i>Clinical Epigenetics</i> , 2016, 8, 2.	1.8	57
88	Pregnancy-induced thymic involution is associated with suppression of chemokines essential for T _H 1 lymphoid progenitor homing. <i>European Journal of Immunology</i> , 2016, 46, 2008-2017.	1.6	30
89	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.	1.8	36
90	Single-cell transcriptome analysis of endometrial tissue. <i>Human Reproduction</i> , 2016, 31, 844-853.	0.4	95

#	ARTICLE	IF	CITATIONS
91	Comprehensive elucidation of amino acid profile in human follicular fluid and plasma of <i>in vitro</i> fertilization patients. <i>Gynecological Endocrinology</i> , 2015, 31, 9-17.	0.7	3
92	Somatic mosaicism for copy-neutral loss of heterozygosity and DNA copy number variations in the human genome. <i>BMC Genomics</i> , 2015, 16, 703.	1.2	17
93	Expression Pattern and Localization Dynamics of Guanine Nucleotide Exchange Factor RIC8 during Mouse Oogenesis. <i>PLoS ONE</i> , 2015, 10, e0129131.	1.1	5
94	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
95	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
96	Folic acid supplementation and methylenetetrahydrofolate reductase (MTHFR) gene variations in relation to <i>in vitro</i> fertilization pregnancy outcome. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2015, 94, 65-71.	1.3	23
97	Bovine sperm plasma membrane proteomics through biotinylation and subcellular enrichment. <i>Proteomics</i> , 2015, 15, 1906-1920.	1.3	33
98	Pregnancy Rate in Endometriosis Patients according to the Severity of the Disease after Using a Combined Approach of Laparoscopy, GnRH Agonist Treatment and <i>in vitro</i> Fertilization. <i>Gynecologic and Obstetric Investigation</i> , 2015, 79, 34-39.	0.7	10
99	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.	1.1	18
100	Circulating miR-200 family micro-RNAs have altered plasma levels in patients with endometriosis and vary with blood collection time. <i>Fertility and Sterility</i> , 2015, 104, 938-946.e2.	0.5	81
101	Systemic oxidative stress could predict assisted reproductive technique outcome. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 699-704.	1.2	18
102	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.	1.1	26
103	The prevalence and phenotypic characteristics of spontaneous premature ovarian failure: a general population registry-based study. <i>Human Reproduction</i> , 2015, 30, 1229-1238.	0.4	68
104	Complementary seminovaginal microbiome in couples. <i>Research in Microbiology</i> , 2015, 166, 440-447.	1.0	164
105	Characterization of the Biological Activities of Human Luteinizing Hormone and Chorionic Gonadotropin by a Förster Resonance Energy Transfer-Based Biosensor Assay. <i>Analytical Letters</i> , 2015, 48, 2799-2809.	1.0	8
106	Using RNA sequencing for identifying gene imprinting and random monoallelic expression in human placenta. <i>Epigenetics</i> , 2014, 9, 1397-1409.	1.3	74
107	DNA mismatch repair gene MSH6 implicated in determining age at natural menopause. <i>Human Molecular Genetics</i> , 2014, 23, 2490-2497.	1.4	56
108	Autoimmune Activation toward Embryo Implantation is Rare in Immune-Privileged Human Endometrium. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 376-384.	0.5	19

#	ARTICLE	IF	CITATIONS
109	Tissue-specific mitochondrial heteroplasmy at position 16,093 within the same individual. <i>Current Genetics</i> , 2014, 60, 11-16.	0.8	20
110	Comparison of serum exosome isolation methods for microRNA profiling. <i>Clinical Biochemistry</i> , 2014, 47, 135-138.	0.8	297
111	Sequencing and annotated analysis of full genome of Holstein breed bull. <i>Mammalian Genome</i> , 2014, 25, 363-373.	1.0	13
112	DNA methylome profiling of human tissues identifies global and tissue-specific methylation patterns. <i>Genome Biology</i> , 2014, 15, r54.	3.8	325
113	Guidelines for the design, analysis and interpretation of "omics" data: focus on human endometrium. <i>Human Reproduction Update</i> , 2014, 20, 12-28.	5.2	123
114	Folic acid supplementation and IVF pregnancy outcome in women with unexplained infertility. <i>Reproductive BioMedicine Online</i> , 2014, 28, 766-772.	1.1	32
115	27. Folate and female infertility: folate-metabolizing pathway in folliculogenesis, infertility treatment, and implantation. <i>Human Health Handbooks</i> , 2014, , 431-448.	0.1	0
116	High-Throughput Sequencing Approach Uncovers the miRNome of Peritoneal Endometriotic Lesions and Adjacent Healthy Tissues. <i>PLoS ONE</i> , 2014, 9, e112630.	1.1	40
117	Sequencing and annotated analysis of the Holstein cow genome. <i>Mammalian Genome</i> , 2013, 24, 309-321.	1.0	11
118	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	9.4	675
119	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
120	Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy. <i>Reproductive BioMedicine Online</i> , 2013, 26, 345-352.	1.1	37
121	A genome-wide association study of early menopause and the combined impact of identified variants. <i>Human Molecular Genetics</i> , 2013, 22, 1465-1472.	1.4	104
122	MicroRNAs miR-30b, miR-30d, and miR-494 Regulate Human Endometrial Receptivity. <i>Reproductive Sciences</i> , 2013, 20, 308-317.	1.1	169
123	Characterization of the Vaginal Micro- and Mycobiome in Asymptomatic Reproductive-Age Estonian Women. <i>PLoS ONE</i> , 2013, 8, e54379.	1.1	199
124	Circulating microRNA Profile throughout the Menstrual Cycle. <i>PLoS ONE</i> , 2013, 8, e81166.	1.1	43
125	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.	1.1	42
126	Immunological Aspects of Human Reproduction. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-2.	3.3	1

#	ARTICLE	IF	CITATIONS
127	Follicular Proinflammatory Cytokines and Chemokines as Markers of IVF Success. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-10.	3.3	78
128	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
129	Review on Autoimmune Reactions in Female Infertility: Antibodies to Follicle Stimulating Hormone. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-15.	3.3	59
130	No evidence of somatic DNA copy number alterations in eutopic and ectopic endometrial tissue in endometriosis. <i>Human Reproduction</i> , 2012, 27, 1857-1864.	0.4	15
131	Survivin promoter polymorphisms and autoantibodies in endometriosis. <i>Journal of Reproductive Immunology</i> , 2012, 96, 95-100.	0.8	9
132	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	13.7	320
133	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.	9.4	303
134	Serum sTREM1 (Soluble Triggering Receptor Expressed on Myeloid Cells) Associates Negatively with Embryo Quality in Infertility Patients. <i>American Journal of Reproductive Immunology</i> , 2012, 68, 68-74.	1.2	5
135	A folate receptor alpha double-mutated haplotype 1816delC1841A is distributed throughout Eurasia and associated with lower erythrocyte folate levels. <i>Molecular Biology Reports</i> , 2012, 39, 4471-4478.	1.0	8
136	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.	0.7	53
137	A novel genomic diagnostic tool for sperm quality?. <i>Reproductive BioMedicine Online</i> , 2011, 22, 405-407.	1.1	11
138	Folate-metabolizing gene variants and pregnancy outcome of IVF. <i>Reproductive BioMedicine Online</i> , 2011, 22, 603-614.	1.1	36
139	Mannose-binding lectin genotypes: potential role in tubal damage and adverse IVF outcome. <i>Journal of Reproductive Immunology</i> , 2011, 92, 62-67.	0.8	7
140	Genetic predictors of controlled ovarian hyperstimulation: where do we stand today?. <i>Human Reproduction Update</i> , 2011, 17, 813-828.	5.2	105
141	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.	1.1	20
142	Androgen receptor epigenetic variations influence early follicular phase gonadotropin levels. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2010, 89, 1557-1563.	1.3	23
143	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.	0.8	24
144	Molecular diagnosis of Down syndrome using quantitative APEX2 microarrays. <i>Prenatal Diagnosis</i> , 2010, 30, 1170-1177.	1.1	1

#	ARTICLE	IF	CITATIONS
145	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
146	Folate-mediated one-carbon metabolism and its effect on female fertility and pregnancy viability. <i>Nutrition Reviews</i> , 2010, 68, 99-113.	2.6	105
147	The differential transcriptome and ontology profiles of floating and cumulus granulosa cells in stimulated human antral follicles. <i>Molecular Human Reproduction</i> , 2010, 16, 229-240.	1.3	61
148	Endometrial gene expression analysis at the time of embryo implantation in women with unexplained infertility. <i>Molecular Human Reproduction</i> , 2010, 16, 178-187.	1.3	163
149	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.	1.0	33
150	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
151	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.	0.5	22
152	Variations in folate pathway genes are associated with unexplained female infertility. <i>Fertility and Sterility</i> , 2010, 94, 130-137.	0.5	81
153	Polymorphisms in MMP-2 and MMP-9 promoter regions are associated with endometriosis. <i>Fertility and Sterility</i> , 2010, 94, 1560-1563.	0.5	36
154	Fetal trisomy 13 and 21 mosaicism diagnosed at amniocentesis: a case report. <i>Prenatal Diagnosis</i> , 2009, 29, 995-997.	1.1	0
155	Aromatase gene (CYP19A1) variants, female infertility and ovarian stimulation outcome: a preliminary report. <i>Reproductive BioMedicine Online</i> , 2009, 18, 651-657.	1.1	30
156	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.	1.4	22
157	Incontinentia pigmenti in a female conceived by in vitro fertilization. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 3092-3094.	0.7	1
158	Androgen receptor gene haplotype is associated with male infertility. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 395-402.	3.6	19
159	Anti-FSH antibodies associate with poor outcome of ovarian stimulation in IVF. <i>Reproductive BioMedicine Online</i> , 2008, 16, 350-355.	1.1	24
160	Circulating anti-follicle-stimulating hormone immunoglobulin A in women: a sperm-prone reaction of mucosal tolerance?. <i>Fertility and Sterility</i> , 2008, 90, 1253-1255.	0.5	7
161	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.	1.3	33
162	The contribution of genetic variations of aryl hydrocarbon receptor pathway genes to male factor infertility. <i>Fertility and Sterility</i> , 2007, 88, 854-859.	0.5	37

#	ARTICLE	IF	CITATIONS
163	Allelic estrogen receptor 1 (ESR1) gene variants predict the outcome of ovarian stimulation in in vitro fertilization. <i>Molecular Human Reproduction</i> , 2007, 13, 521-526.	1.3	71
164	Cytogenetic and molecular characterization of the derivative Y chromosome: a case study of an azoospermic patient. <i>Clinical Genetics</i> , 2007, 72, 460-463.	1.0	6
165	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
166	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.	1.3	8
167	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
168	Frozen embryo transfers: implications of clinical and embryological factors on the pregnancy outcome. <i>Human Reproduction</i> , 2006, 21, 2368-2374.	0.4	77
169	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.	0.5	10
170	Sperm morphology and rate of blastomere cleavage; correlation?. <i>Fertility and Sterility</i> , 2003, 80, 675-676.	0.5	0
171	Early cleavage predicts the viability of human embryos in elective single embryo transfer procedures. <i>Human Reproduction</i> , 2003, 18, 821-825.	0.4	159
172	Effect of developmental stage of embryo at freezing on pregnancy outcome of frozen-thawed embryo transfer. <i>Human Reproduction</i> , 2003, 18, 1890-1895.	0.4	71
173	Influence of oocytes and spermatozoa on early embryonic development. <i>Fertility and Sterility</i> , 2002, 78, 1082-1087.	0.5	45
174	The predictive value of pronuclear morphology of zygotes in the assessment of human embryo quality. <i>Human Reproduction</i> , 2001, 16, 2177-2181.	0.4	100
175	Studies of cellulose binding by cellobiose dehydrogenase and a comparison with cellobiohydrolase 1. <i>Biochemical Journal</i> , 1997, 324, 833-838.	1.7	56
176	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 379-384.	1.1	17
177	Uterine fluid proteins for minimally invasive assessment of endometrial receptivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 0, , .	1.8	4
178	Uterine fluid proteins for minimally invasive assessment of endometrial receptivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 0, , .	1.8	0