

Carlos M Simon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7613684/publications.pdf>

Version: 2024-02-01

401
papers

24,135
citations

4942

84
h-index

13727

129
g-index

416
all docs

416
docs citations

416
times ranked

14637
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence that the endometrial microbiota has an effect on implantation success or failure. American Journal of Obstetrics and Gynecology, 2016, 215, 684-703.	0.7	535
2	A genomic diagnostic tool for human endometrial receptivity based on the transcriptomic signature. Fertility and Sterility, 2011, 95, 50-60.e15.	0.5	502
3	The endometrial receptivity array for diagnosis and personalized embryo transfer as a treatment for patients with repeated implantation failure. Fertility and Sterility, 2013, 100, 818-824.	0.5	398
4	Gene expression profiling of human endometrial receptivity on days LH+2 versus LH+7 by microarray technology. Molecular Human Reproduction, 2003, 9, 253-264.	1.3	375
5	Genome-wide parent-of-origin DNA methylation analysis reveals the intricacies of human imprinting and suggests a germline methylation-independent mechanism of establishment. Genome Research, 2014, 24, 554-569.	2.4	311
6	Premature luteinization during gonadotropin-releasing hormone antagonist cycles and its relationship with in vitro fertilization outcome. Fertility and Sterility, 2003, 80, 1444-1449.	0.5	299
7	In vitro fertilization with preimplantation genetic diagnosis for aneuploidies in advanced maternal age: a randomized, controlled study. Fertility and Sterility, 2017, 107, 1122-1129.	0.5	291
8	Human pre-implantation embryo development. Development (Cambridge), 2012, 139, 829-841.	1.2	289
9	Single-cell transcriptomic atlas of the human endometrium during the menstrual cycle. Nature Medicine, 2020, 26, 1644-1653.	15.2	287
10	Increasing levels of estradiol are deleterious to embryonic implantation because they directly affect the embryo. Fertility and Sterility, 2001, 76, 962-968.	0.5	270
11	Effect of controlled ovarian hyperstimulation in IVF on endometrial gene expression profiles. Molecular Human Reproduction, 2004, 11, 195-205.	1.3	255
12	The accuracy and reproducibility of the endometrial receptivity array is superior to histology as a diagnostic method for endometrial receptivity. Fertility and Sterility, 2013, 99, 508-517.	0.5	244
13	Obesity and the risk of spontaneous abortion after oocyte donation. Fertility and Sterility, 2003, 79, 1136-1140.	0.5	238
14	Autologous cell therapy with CD133+ bone marrow-derived stem cells for refractory Asherman's syndrome and endometrial atrophy: a pilot cohort study. Human Reproduction, 2016, 31, 1087-1096.	0.4	237
15	Human germ cell differentiation from fetal- and adult-derived induced pluripotent stem cells. Human Molecular Genetics, 2011, 20, 752-762.	1.4	230
16	Defective decidualization during and after severe preeclampsia reveals a possible maternal contribution to the etiology. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8468-E8477.	3.3	230
17	Increasing uterine receptivity by decreasing estradiol levels during the preimplantation period in high responders with the use of a follicle-stimulating hormone step-down regimen. Fertility and Sterility, 1998, 70, 234-239.	0.5	227
18	Forty years of IVF. Fertility and Sterility, 2018, 110, 185-324.e5.	0.5	211

#	ARTICLE	IF	CITATIONS
19	Hsa-miR-30d, secreted by the human endometrium, is taken up by the pre-implantation embryo and might modify its transcriptome. <i>Development (Cambridge)</i> , 2015, 142, 3210-3221.	1.2	205
20	Impact of stage iiiâ€“iv endometriosis on recipients of sibling oocytes: matched case-control study. <i>Fertility and Sterility</i> , 2000, 74, 31-34.	0.5	204
21	Mitochondrial DNA content as a viability score in human euploid embryos: less is better. <i>Fertility and Sterility</i> , 2015, 104, 534-541.e1.	0.5	198
22	The pathogenesis of ovarian hyperstimulation syndrome: in vivo studies investigating the role of interleukin-1 β , interleukin-6, and vascular endothelial growth factor. <i>Fertility and Sterility</i> , 1999, 71, 482-489.	0.5	193
23	Interactions of the hormones leptin, ghrelin, adiponectin, resistin, and PYY3-36 with the reproductive system. <i>Fertility and Sterility</i> , 2006, 85, 1563-1581.	0.5	189
24	Dopamine Agonist Cabergoline Reduces Hemoconcentration and Ascites in Hyperstimulated Women Undergoing Assisted Reproduction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 2931-2937.	1.8	189
25	The diagnosis of chronic endometritis in infertile asymptomatic women: a comparative study of histology, microbial cultures, hysteroscopy, and molecular microbiology. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 602.e1-602.e16.	0.7	188
26	Targeting the vascular endothelial growth factor system to prevent ovarian hyperstimulation syndrome. <i>Human Reproduction Update</i> , 2008, 14, 321-333.	5.2	187
27	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
28	Leptin and Leptin Receptor Are Expressed in the Human Endometrium and Endometrial Leptin Secretion Is Regulated by the Human Blastocyst1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4883-4888.	1.8	181
29	Paracrine regulators of implantation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2000, 14, 815-826.	1.4	177
30	Controlled Ovarian Stimulation Induces a Functional Genomic Delay of the Endometrium with Potential Clinical Implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4500-4510.	1.8	177
31	The follicular and endocrine environment in women with endometriosis: local and systemic cytokine production. <i>Fertility and Sterility</i> , 1998, 70, 425-431.	0.5	173
32	Age and Uterine Receptiveness: Predicting the Outcome of Oocyte Donation Cycles. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4399-4404.	1.8	164
33	Lower implantation rates in high responders: evidence for an altered endocrine milieu during the preimplantation period. <i>Fertility and Sterility</i> , 1996, 65, 1190-1195.	0.5	163
34	Vascular Endothelial Growth Factor Receptor-2 Activation Induces Vascular Permeability in Hyperstimulated Rats, and this Effect Is Prevented by Receptor Blockade. <i>Endocrinology</i> , 2002, 143, 4339-4348.	1.4	161
35	Human Endometrial Side Population Cells Exhibit Genotypic, Phenotypic and Functional Features of Somatic Stem Cells. <i>PLoS ONE</i> , 2010, 5, e10964.	1.1	161
36	Follicular hormonal environment and embryo quality in women with endometriosis. <i>Human Reproduction Update</i> , 2000, 6, 67-74.	5.2	157

#	ARTICLE	IF	CITATIONS
37	Cytokines and embryo implantation. <i>Journal of Reproductive Immunology</i> , 1998, 39, 117-131.	0.8	154
38	Reconstruction of Endometrium from Human Endometrial Side Population Cell Lines. <i>PLoS ONE</i> , 2011, 6, e21221.	1.1	154
39	Endometrial Decidualization: The Primary Driver of Pregnancy Health. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4092.	1.8	151
40	Low-Dose Dopamine Agonist Administration Blocks Vascular Endothelial Growth Factor (VEGF)-Mediated Vascular Hyperpermeability without Altering VEGF Receptor 2-Dependent Luteal Angiogenesis in a Rat Ovarian Hyperstimulation Model. <i>Endocrinology</i> , 2006, 147, 5400-5411.	1.4	150
41	Menstruation: science and society. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 624-664.	0.7	149
42	Role of Endometrial Factors in Regulating Secretion of Components of the Immunoreactive Human Embryonic Interleukin-1 System during Embryonic Development1. <i>Biology of Reproduction</i> , 1996, 54, 563-574.	1.2	146
43	Divergent RNA-binding Proteins, DAZL and VASA, Induce Meiotic Progression in Human Germ Cells Derived in Vitro. <i>Stem Cells</i> , 2012, 30, 441-451.	1.4	146
44	Extracellular Vesicles in Human Reproduction in Health and Disease. <i>Endocrine Reviews</i> , 2018, 39, 292-332.	8.9	146
45	Bacterial vaginosis and its association with infertility, endometritis, and pelvic inflammatory disease. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 251-257.	0.7	146
46	Profiling the gene signature of endometrial receptivity: clinical results. <i>Fertility and Sterility</i> , 2013, 99, 1078-1085.	0.5	141
47	Preimplantation genetic screening using fluorescence in situ hybridization in patients with repetitive implantation failure and advanced maternal age: two randomized trials. <i>Fertility and Sterility</i> , 2013, 99, 1400-1407.	0.5	138
48	In vitro fertilization plus preimplantation genetic diagnosis in patients with recurrent miscarriage: an analysis of chromosome abnormalities in human preimplantation embryos. <i>Fertility and Sterility</i> , 1999, 71, 1033-1039.	0.5	129
49	Adenomyosis does not affect implantation, but is associated with miscarriage in patients undergoing oocyte donation. <i>Fertility and Sterility</i> , 2011, 96, 943-950.e1.	0.5	125
50	Immunohistochemical Localization of the Interleukin-1 System in the Mouse Ovary during Follicular Growth, Ovulation, and Luteinization1. <i>Biology of Reproduction</i> , 1994, 50, 449-457.	1.2	123
51	Effect of age on sperm fertility potential: oocyte donation as a model. <i>Fertility and Sterility</i> , 1996, 66, 260-264.	0.5	123
52	MicroRNA: key gene expression regulators. <i>Fertility and Sterility</i> , 2014, 101, 1516-1523.	0.5	123
53	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
54	Human CD133+ bone marrow-derived stem cells promote endometrial proliferation in a murine model of Asherman syndrome. <i>Fertility and Sterility</i> , 2015, 104, 1552-1560.e3.	0.5	120

#	ARTICLE	IF	CITATIONS
55	Aging and the environment affect gamete and embryo potential: can we intervene?. <i>Fertility and Sterility</i> , 2016, 105, 548-559.	0.5	120
56	Hormonal and embryonic regulation of chemokines IL-8, MCP-1 and RANTES in the human endometrium during the window of implantation. <i>Molecular Human Reproduction</i> , 2002, 8, 375-384.	1.3	119
57	Hormonal and embryonic regulation of chemokine receptors CXCR1, CXCR4, CCR5 and CCR2B in the human endometrium and the human blastocyst. <i>Molecular Human Reproduction</i> , 2003, 9, 189-198.	1.3	118
58	The genomics of the human endometrium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1931-1942.	1.8	117
59	Interleukin-1 receptor antagonist prevents embryonic implantation by a direct effect on the endometrial epithelium. <i>Fertility and Sterility</i> , 1998, 70, 896-906.	0.5	116
60	Impact of luteinizing hormone administration on gonadotropin-releasing hormone antagonist cycles: an age-adjusted analysis. <i>Fertility and Sterility</i> , 2011, 95, 1031-1036.	0.5	116
61	The why, the how and the when of PGS 2.0: current practices and expert opinions of fertility specialists, molecular biologists, and embryologists. <i>Molecular Human Reproduction</i> , 2016, 22, 845-857.	1.3	116
62	Endometrial microbiota composition is associated with reproductive outcome in infertile patients. <i>Microbiome</i> , 2022, 10, 1.	4.9	113
63	Mosaic human preimplantation embryos and their developmental potential in a prospective, non-selection clinical trial. <i>American Journal of Human Genetics</i> , 2021, 108, 2238-2247.	2.6	112
64	Relevance of assessing the uterine microbiota in infertility. <i>Fertility and Sterility</i> , 2018, 110, 337-343.	0.5	110
65	Impact of chromosomal abnormalities on preimplantation embryo development. <i>Prenatal Diagnosis</i> , 2007, 27, 748-756.	1.1	109
66	Prediction model for aneuploidy in early human embryo development revealed by single-cell analysis. <i>Nature Communications</i> , 2015, 6, 7601.	5.8	109
67	Evaluation of the ovarian reserve in young low responders with normal basal levels of follicle-stimulating hormone using three-dimensional ultrasonography. <i>Fertility and Sterility</i> , 1998, 70, 671-675.	0.5	108
68	A 5-year multicentre randomized controlled trial comparing personalized, frozen and fresh blastocyst transfer in IVF. <i>Reproductive BioMedicine Online</i> , 2020, 41, 402-415.	1.1	108
69	Dopamine agonist administration causes a reduction in endometrial implants through modulation of angiogenesis in experimentally induced endometriosis. <i>Human Reproduction</i> , 2009, 24, 1025-1035.	0.4	107
70	Pregnancy and birth rates after oocyte donation. <i>Fertility and Sterility</i> , 1997, 67, 717-723.	0.5	106
71	Implantation failure of endometrial origin: it is not pathology, but our failure to synchronize the developing embryo with a receptive endometrium. <i>Fertility and Sterility</i> , 2017, 108, 15-18.	0.5	106
72	Regulation of embryonic implantation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2003, 110, S2-S9.	0.5	105

#	ARTICLE	IF	CITATIONS
73	The role of in vitro fertilization and intracytoplasmic sperm injection in couples with unexplained infertility after failed intrauterine insemination. <i>Fertility and Sterility</i> , 1997, 68, 171-173.	0.5	103
74	Understanding and improving endometrial receptivity. <i>Current Opinion in Obstetrics and Gynecology</i> , 2015, 27, 187-192.	0.9	103
75	Effect of aging on the female reproductive system: evidence for a role of uterine senescence in the decline in female fecundity. <i>Fertility and Sterility</i> , 1995, 64, 584-589.	0.5	102
76	Implantation is apparently unaffected by the dopamine agonist Cabergoline when administered to prevent ovarian hyperstimulation syndrome in women undergoing assisted reproduction treatment: a pilot study. <i>Human Reproduction</i> , 2007, 22, 3210-3214.	0.4	102
77	Physiology and Pathology of Ovarian Hyperstimulation Syndrome. <i>Seminars in Reproductive Medicine</i> , 2010, 28, 448-457.	0.5	101
78	Identification and characterization of the human leiomyoma side population as putative tumor-initiating cells. <i>Fertility and Sterility</i> , 2012, 98, 741-751.e6.	0.5	101
79	ART and uterine pathology: how relevant is the maternal side for implantation?. <i>Human Reproduction Update</i> , 2015, 21, 13-38.	5.2	101
80	Mutations in <i>STN1</i> cause Coats plus syndrome and are associated with genomic and telomere defects. <i>Journal of Experimental Medicine</i> , 2016, 213, 1429-1440.	4.2	100
81	Comparative protein-profile analysis of implanted versus non-implanted human blastocysts. <i>Human Reproduction</i> , 2008, 23, 1993-2000.	0.4	96
82	Soluble Ligands and Their Receptors in Human Embryo Development and Implantation. <i>Endocrine Reviews</i> , 2015, 36, 92-130.	8.9	94
83	Human Oocyte-Derived Methylation Differences Persist in the Placenta Revealing Widespread Transient Imprinting. <i>PLoS Genetics</i> , 2016, 12, e1006427.	1.5	94
84	Ovarian stimulation and endometrial receptivity. <i>Human Reproduction</i> , 1999, 14, 107-111.	0.4	92
85	Cumulative live-birth rates per total number of embryos needed to reach newborn in consecutive in vitro fertilization (IVF) cycles: a new approach to measuring the likelihood of IVF success. <i>Fertility and Sterility</i> , 2011, 96, 40-46.	0.5	92
86	Oocyte quality in polycystic ovaries revisited: Identification of a particular subgroup of women. <i>Journal of Assisted Reproduction and Genetics</i> , 1997, 14, 254-261.	1.2	91
87	Deciphering the effect of reproductive tract microbiota on human reproduction. <i>Reproductive Medicine and Biology</i> , 2019, 18, 40-50.	1.0	91
88	Obesity and assisted reproductive technology outcomes. <i>Reproductive BioMedicine Online</i> , 2006, 12, 562-568.	1.1	89
89	Distribution patterns of segmental aneuploidies in human blastocysts identified by next-generation sequencing. <i>Fertility and Sterility</i> , 2016, 105, 1047-1055.e2.	0.5	89
90	Fertility rescue and ovarian follicle growth promotion by bone marrow stem cell infusion. <i>Fertility and Sterility</i> , 2018, 109, 908-918.e2.	0.5	88

#	ARTICLE	IF	CITATIONS
91	miRNA Signature and Dicer Requirement during Human Endometrial Stromal Decidualization In Vitro. PLoS ONE, 2012, 7, e41080.	1.1	87
92	Use of array comparative genomic hybridization (array-CGH) for embryo assessment: clinical results. Fertility and Sterility, 2013, 99, 1044-1048.	0.5	86
93	The Leptin System during Human Endometrial Receptivity and Preimplantation Development. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2442-2451.	1.8	85
94	Global gene expression profiling of human endometrial receptivity. Journal of Reproductive Immunology, 2004, 63, 41-49.	0.8	85
95	Relationship among standard semen parameters, glutathione peroxidase/glutathione reductase activity, and mRNA expression and reduced glutathione content in ejaculated spermatozoa from fertile and infertile men. Fertility and Sterility, 2004, 82, 1059-1066.	0.5	85
96	Bone Marrow-Derived Cells from Male Donors Do Not Contribute to the Endometrial Side Population of the Recipient. PLoS ONE, 2012, 7, e30260.	1.1	85
97	Implications of sperm chromosome abnormalities in recurrent miscarriage. Journal of Assisted Reproduction and Genetics, 1999, 16, 253-258.	1.2	83
98	Uterine stem cells: from basic research to advanced cell therapies. Human Reproduction Update, 2018, 24, 673-693.	5.2	83
99	Molecular aspects of implantation. Molecular Human Reproduction, 1996, 2, 405-424.	1.3	81
100	Report of the results of a 2 year programme of sperm wash and ICSI treatment for human immunodeficiency virus and hepatitis C virus serodiscordant couples. Human Reproduction, 2004, 19, 2581-2586.	0.4	80
101	Immortalized human skin fibroblast feeder cells support growth and maintenance of both human embryonic and induced pluripotent stem cells. Human Reproduction, 2009, 24, 2567-2581.	0.4	79
102	Embryologic outcome and secretome profile of implanted blastocysts obtained after coculture in human endometrial epithelial cells versus the sequential system. Fertility and Sterility, 2010, 93, 774-782.e1.	0.5	77
103	Lipidomics as an emerging tool to predict endometrial receptivity. Fertility and Sterility, 2013, 99, 1100-1106.	0.5	77
104	Endometrial Receptivity and Implantation Are Not Affected by the Presence of Uterine Intramural Leiomyomas: A Clinical and Functional Genomics Analysis. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3490-3498.	1.8	76
105	Interleukin-1 Receptor Antagonist Suppresses Human Chorionic Gonadotropin-Induced Ovulation in the Rat1. Biology of Reproduction, 1994, 51, 662-667.	1.2	75
106	Multicenter prospective study of concordance between embryonic cell-free DNA and trophoctoderm biopsies from 1301 human blastocysts. American Journal of Obstetrics and Gynecology, 2020, 223, 751.e1-751.e13.	0.7	75
107	Transabdominal ultrasound-guided embryo transfer does not increase pregnancy rates in oocyte recipients. Fertility and Sterility, 2002, 78, 534-539.	0.5	74
108	Interleukin-1 type I receptor messenger ribonucleic acid expression in human endometrium throughout the menstrual cycle**Presented at the 48th Annual Meeting of The American Fertility Society, New Orleans, Louisiana, November 2 to 5, 1992.. Fertility and Sterility, 1993, 59, 791-796.	0.5	73

#	ARTICLE	IF	CITATIONS
109	Embryonic cell-free DNA versus trophoctoderm biopsy for aneuploidy testing: concordance rate and clinical implications. <i>Fertility and Sterility</i> , 2019, 112, 510-519.	0.5	73
110	Semen characteristics in human immunodeficiency virus (HIV)- and hepatitis C (HCV)-seropositive males: predictors of the success of viral removal after sperm washing. <i>Human Reproduction</i> , 2005, 20, 1028-1034.	0.4	72
111	Clinical experience and perinatal outcome of blastocyst transfer after coculture of human embryos with human endometrial epithelial cells: a 5-year follow-up study. <i>Fertility and Sterility</i> , 2003, 80, 1162-1168.	0.5	71
112	Somatic stem cells and tissue engineering shed light on unsolved clinical issues in reproductive medicine: in stem cells we trust. <i>Fertility and Sterility</i> , 2012, 98, 1-2.	0.5	71
113	The impact of next-generation sequencing technology on preimplantation genetic diagnosis and screening. <i>Fertility and Sterility</i> , 2013, 99, 1054-1061.e3.	0.5	71
114	First derivation in Spain of human embryonic stem cell lines: Use of long-term cryopreserved embryos and animal-free conditions. <i>Fertility and Sterility</i> , 2005, 83, 246-249.	0.5	70
115	Increased incidence of disomic sperm nuclei in a 47,XYY male assessed by fluorescent in situ hybridization (FISH). <i>Human Genetics</i> , 1997, 99, 413.	1.8	69
116	The Follicular Endocrine Environment in Stimulated Cycles of Women with Endometriosis: Steroid Levels and Embryo Quality. <i>Fertility and Sterility</i> , 1998, 69, 1135-1141.	0.5	69
117	Embryo Aneuploidy Screening for Unexplained Recurrent Miscarriage: A Minireview. <i>American Journal of Reproductive Immunology</i> , 2005, 53, 159-165.	1.2	69
118	The effects of ergot and non-ergot-derived dopamine agonists in an experimental mouse model of endometriosis. <i>Reproduction</i> , 2011, 142, 745-755.	1.1	69
119	Efficiency and purity provided by the existing methods for the isolation of luteinized granulosa cells: a comparative study. <i>Human Reproduction</i> , 2012, 27, 1781-1789.	0.4	69
120	De- and recellularization of the pig uterus: a bioengineering pilot study. <i>Biology of Reproduction</i> , 2017, 96, 34-45.	1.2	68
121	The effect of pronuclear morphology on early development and chromosomal abnormalities in cleavage-stage embryos. <i>Human Reproduction</i> , 2003, 18, 2413-2419.	0.4	67
122	Functional Genomics of 5- to 8-Cell Stage Human Embryos by Blastomere Single-Cell cDNA Analysis. <i>PLoS ONE</i> , 2010, 5, e13615.	1.1	67
123	The role of estrogen in uterine receptivity and blastocyst implantation. <i>Trends in Endocrinology and Metabolism</i> , 2003, 14, 197-199.	3.1	66
124	CB1 Expression Is Attenuated in Fallopian Tube and Decidua of Women with Ectopic Pregnancy. <i>PLoS ONE</i> , 2008, 3, e3969.	1.1	66
125	Annexin A2 is critical for embryo adhesiveness to the human endometrium by RhoA activation through F-actin regulation. <i>FASEB Journal</i> , 2012, 26, 3715-3727.	0.2	66
126	The role of the leptin in reproduction. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 297-303.	0.9	65

#	ARTICLE	IF	CITATIONS
127	The non-ergot derived dopamine agonist quinagolide in prevention of early ovarian hyperstimulation syndrome in IVF patients: a randomized, double-blind, placebo-controlled trial. <i>Human Reproduction</i> , 2010, 25, 995-1004.	0.4	65
128	Human endometrial receptivity: gene regulation. <i>Journal of Reproductive Immunology</i> , 2002, 55, 131-139.	0.8	64
129	Unified diagnostic criteria for chronic endometritis at fluid hysteroscopy: proposal and reliability evaluation through an international randomized-controlled observer study. <i>Fertility and Sterility</i> , 2019, 112, 162-173.e2.	0.5	64
130	Comparison of polymerase chain reaction-dependent methods for determining the presence of human immunodeficiency virus and hepatitis C virus in washed sperm. <i>Fertility and Sterility</i> , 2002, 78, 1199-1202.	0.5	63
131	Scratching beneath 'The Scratching Case': systematic reviews and meta-analyses, the back door for evidence-based medicine. <i>Human Reproduction</i> , 2014, 29, 1618-1621.	0.4	63
132	Clinical application of embryo aneuploidy testing by next-generation sequencing. <i>Biology of Reproduction</i> , 2019, 101, 1083-1090.	1.2	63
133	Hormonal regulation of serum and endometrial IL-1 β , IL-1 γ and IL-1 α : IL-1 endometrial microenvironment of the human embryo at the apposition phase under physiological and supraphysiological steroid level conditions. <i>Journal of Reproductive Immunology</i> , 1996, 31, 165-184.	0.8	62
134	Comprehensive carrier genetic test using next-generation deoxyribonucleic acid sequencing in infertile couples wishing to conceive through assisted reproductive technology. <i>Fertility and Sterility</i> , 2015, 104, 1286-1293.	0.5	62
135	Human stem cells from single blastomeres reveal pathways of Embryonic or trophoblast fate specification. <i>Development (Cambridge)</i> , 2015, 142, 4010-25.	1.2	62
136	The Interleukin-1 System and Human Implantation. <i>American Journal of Reproductive Immunology</i> , 1997, 37, 64-72.	1.2	61
137	Factors that determine discordant outcome from shared oocytes. <i>Fertility and Sterility</i> , 2003, 80, 54-60.	0.5	61
138	Intravenous albumin does not prevent moderate-severe ovarian hyperstimulation syndrome in high-risk IVF patients: a randomized controlled study. <i>Human Reproduction</i> , 2003, 18, 2283-2288.	0.4	61
139	Effects of hyperprolactinemia treatment with the dopamine agonist quinagolide on endometriotic lesions in patients with endometriosis-associated hyperprolactinemia. <i>Fertility and Sterility</i> , 2011, 95, 882-888.e1.	0.5	61
140	Tissue-derived mesenchymal stromal cells used as vehicles for anti-tumor therapy exert different in vivo effects on migration capacity and tumor growth. <i>BMC Medicine</i> , 2013, 11, 139.	2.3	61
141	Human spermatogonial stem cells display limited proliferation in vitro under mouse spermatogonial stem cell culture conditions. <i>Fertility and Sterility</i> , 2016, 106, 1539-1549.e8.	0.5	61
142	Endometrial Quality in Infertile Women with Endometriosis. <i>Annals of the New York Academy of Sciences</i> , 2001, 943, 122-130.	1.8	60
143	Determinants of Endometrial Receptivity. <i>Annals of the New York Academy of Sciences</i> , 2004, 1034, 166-175.	1.8	60
144	FISH screening of aneuploidies in preimplantation embryos to improve IVF outcome. <i>Reproductive BioMedicine Online</i> , 2005, 11, 497-506.	1.1	60

#	ARTICLE	IF	CITATIONS
145	Does an increased body mass index affect endometrial gene expression patterns in infertile patients? A functional genomics analysis. <i>Fertility and Sterility</i> , 2017, 107, 740-748.e2.	0.5	60
146	Incidence, Origin, and Predictive Model for the Detection and Clinical Management of Segmental Aneuploidies in Human Embryos. <i>American Journal of Human Genetics</i> , 2020, 106, 525-534.	2.6	60
147	Potential implications of chemokines in reproductive function: an attractive idea. <i>Journal of Reproductive Immunology</i> , 1998, 38, 169-193.	0.8	58
148	Plasma levels of soluble vascular endothelial growth factor receptor-1 may determine the onset of early and late ovarian hyperstimulation syndrome. <i>Human Reproduction</i> , 2006, 21, 1453-1460.	0.4	58
149	Is ovarian stimulation detrimental to the endometrium?. <i>Reproductive BioMedicine Online</i> , 2007, 15, 45-50.	1.1	58
150	Implantation failure of endometrial origin: what is new?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2018, 30, 229-236.	0.9	58
151	Effects of aging on the human ovary: the secretion of immunoreactive \pm -inhibin and progesterone. <i>Fertility and Sterility</i> , 1994, 61, 663-668.	0.5	57
152	Identification and Quantification of Dopamine Receptor 2 in Human Eutopic and Ectopic Endometrium: A Novel Molecular Target for Endometriosis Therapy1. <i>Biology of Reproduction</i> , 2010, 83, 866-873.	1.2	57
153	Effect of sperm glutathione peroxidases 1 and 4 on embryo asymmetry and blastocyst quality in oocyte donation cycles. <i>Fertility and Sterility</i> , 2006, 86, 1376-1385.	0.5	55
154	Clinical factors affecting endometrial receptiveness in oocyte donation cycles. <i>Fertility and Sterility</i> , 2008, 89, 491-501.	0.5	55
155	Follicular fluid and mural granulosa cells microRNA profiles vary in \hat{A} in \hat{A} vitro fertilization patients depending on their age and oocyte maturation stage. <i>Fertility and Sterility</i> , 2015, 104, 1037-1046.e1.	0.5	55
156	Is endometrial receptivity transcriptomics affected in women with endometriosis? A pilot study. <i>Reproductive BioMedicine Online</i> , 2015, 31, 647-654.	1.1	55
157	A Combined Approach for Gene Discovery Identifies Insulin-Like Growth Factor-Binding Protein-Related Protein 1 as a New Gene Implicated in Human Endometrial Receptivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1849-1857.	1.8	54
158	Disruption of Apical-Basal Polarity of Human Embryonic Stem Cells Enhances Hematoendothelial Differentiation. <i>Stem Cells</i> , 2007, 25, 2215-2223.	1.4	54
159	Variable maternal methylation overlapping the <i>nc886/vtRNA2-1</i> locus is locked between hypermethylated repeats and is frequently altered in cancer. <i>Epigenetics</i> , 2014, 9, 783-790.	1.3	54
160	Modeling Human Endometrial Decidualization from the Interaction between Proteome and Secretome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 706-716.	1.8	53
161	Inhibition of Histone Deacetylase Activity in Human Endometrial Stromal Cells Promotes Extracellular Matrix Remodelling and Limits Embryo Invasion. <i>PLoS ONE</i> , 2012, 7, e30508.	1.1	53
162	New Tools for Embryo Selection: Comprehensive Chromosome Screening by Array Comparative Genomic Hybridization. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	53

#	ARTICLE	IF	CITATIONS
163	Endometrial receptivity revisited: endometrial transcriptome adjusted for tissue cellular heterogeneity. <i>Human Reproduction</i> , 2018, 33, 2074-2086.	0.4	53
164	Role of cholesterol, calcium, and mitochondrial activity in the susceptibility for cryodamage after a cycle of freezing and thawing. <i>Fertility and Sterility</i> , 2004, 81, 588-594.	0.5	52
165	Transcriptomics of the human endometrium. <i>International Journal of Developmental Biology</i> , 2014, 58, 127-137.	0.3	52
166	New strategy for diagnosing embryo implantation potential by combining proteomics and time-lapse technologies. <i>Fertility and Sterility</i> , 2015, 104, 908-914.	0.5	52
167	Uterine Receptivity and the Ramifications of Ovarian Stimulation on Endometrial Function. <i>Seminars in Reproductive Medicine</i> , 2007, 25, 454-460.	0.5	51
168	Evidences for the Existence of a Low Dopaminergic Tone in Polycystic Ovarian Syndrome: Implications for OHSS Development and Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2484-2492.	1.8	51
169	Overcoming Challenges of Ovarian Cancer Stem Cells: Novel Therapeutic Approaches. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 994-1010.	5.6	51
170	Stro-1/CD44 as putative human myometrial and fibroid stem cell markers. <i>Fertility and Sterility</i> , 2015, 104, 225-234.e3.	0.5	50
171	Asherman's Syndrome: it may not be all our fault. <i>Human Reproduction</i> , 2018, 33, 1374-1380.	0.4	50
172	Lack of Population Diversity in Commonly Used Human Embryonic Stem-Cell Lines. <i>New England Journal of Medicine</i> , 2010, 362, 183-185.	13.9	49
173	Deciphering the proteomic signature of human endometrial receptivity. <i>Human Reproduction</i> , 2014, 29, 1957-1967.	0.4	49
174	Decidualization resistance in the origin of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, S886-S894.	0.7	49
175	Gene regulation of interleukin-1 β , interleukin-1 receptor type I, and plasminogen activator inhibitor-1 and -2 in human granulosa-luteal cells**Supported by the Johnson and Johnson Focused Giving Program, New Brunswick, New Jersey.. <i>Fertility and Sterility</i> , 1994, 62, 760-770.	0.5	48
176	Single Blastomeres within Human Preimplantation Embryos Express Different Amounts of Messenger Ribonucleic Acid for β -Actin and Interleukin-1 Receptor Type I. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 953-959.	1.8	48
177	Relationship Between Standard Semen Parameters, Calcium, Cholesterol Contents, and Mitochondrial Activity in Ejaculated Spermatozoa From Fertile and Infertile Males. <i>Journal of Assisted Reproduction and Genetics</i> , 2004, 21, 445-451.	1.2	48
178	Redefining advanced maternal age as an indication for preimplantation genetic screening. <i>Reproductive BioMedicine Online</i> , 2010, 21, 649-657.	1.1	48
179	Intrauterine human chorionic gonadotropin infusion in oocyte donors promotes endometrial synchrony and induction of early decidual markers for stromal survival: a randomized clinical trial. <i>Human Reproduction</i> , 2016, 31, 1552-1561.	0.4	47
180	Early pregnancy losses in in vitro fertilization and oocyte donation. <i>Fertility and Sterility</i> , 1999, 72, 1061-1065.	0.5	46

#	ARTICLE	IF	CITATIONS
181	Developmental Exposure to Endocrine Disruptors Expands Murine Myometrial Stem Cell Compartment as a Prerequisite to Leiomyoma Tumorigenesis. <i>Stem Cells</i> , 2017, 35, 666-678.	1.4	46
182	Is teratoma formation in stem cell research a characterization tool or a window to developmental biology?. <i>Reproductive BioMedicine Online</i> , 2008, 17, 270-280.	1.1	45
183	Both slowly developing embryos and a variable pace of luteal endometrial progression may conspire to prevent normal birth in spite of a capable embryo. <i>Fertility and Sterility</i> , 2016, 105, 861-866.	0.5	45
184	Optimizing clinical exome design and parallel gene-testing for recessive genetic conditions in preconception carrier screening: Translational research genomic data from 14,125 exomes. <i>PLoS Genetics</i> , 2019, 15, e1008409.	1.5	45
185	Embryo Effects in Human Implantation. <i>Annals of the New York Academy of Sciences</i> , 2001, 943, 1-16.	1.8	44
186	The Endometrial Microbiome and Its Impact on Human Conception. <i>International Journal of Molecular Sciences</i> , 2022, 23, 485.	1.8	44
187	Impact of different patterns of sperm chromosomal abnormalities on the chromosomal constitution of preimplantation embryos. <i>Fertility and Sterility</i> , 2010, 94, 1380-1386.	0.5	43
188	Testicular sperm from patients with obstructive and nonobstructive azoospermia: aneuploidy risk and reproductive prognosis using testicular sperm from fertile donors as control samples. <i>Fertility and Sterility</i> , 2011, 95, 1005-1012.	0.5	43
189	Gene and protein expression signature of endometrial glandular and stromal compartments during the window of implantation. <i>Fertility and Sterility</i> , 2012, 97, 1365-1373.e2.	0.5	43
190	Window of implantation transcriptomic stratification reveals different endometrial subsignatures associated with live birth and biochemical pregnancy. <i>Fertility and Sterility</i> , 2017, 108, 703-710.e3.	0.5	43
191	Preeclampsia: a defect in decidualization is associated with deficiency of Annexin A2. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 376.e1-376.e17.	0.7	43
192	Preconception genome medicine: current state and future perspectives to improve infertility diagnosis and reproductive and health outcomes based on individual genomic data. <i>Human Reproduction Update</i> , 2021, 27, 254-279.	5.2	43
193	Prognostic factors for preimplantation genetic screening in repeated pregnancy loss. <i>Reproductive BioMedicine Online</i> , 2009, 18, 687-693.	1.1	42
194	Human Endometrial CD98 Is Essential for Blastocyst Adhesion. <i>PLoS ONE</i> , 2010, 5, e13380.	1.1	41
195	De- and recellularization of the pig uterus: a bioengineering pilot study. <i>Biology of Reproduction</i> , 2016, 96, 34-45.	1.2	41
196	Endometrial Receptivity Analysis (ERA): data versus opinions. <i>Human Reproduction Open</i> , 2021, 2021, hoab011.	2.3	41
197	Clinical Management of Endometrial Receptivity. <i>Seminars in Reproductive Medicine</i> , 2014, 32, 410-414.	0.5	40
198	Contribution of different bone marrow-derived cell types in endometrial regeneration using an irradiated murine model. <i>Fertility and Sterility</i> , 2015, 103, 1596-1605.e1.	0.5	40

#	ARTICLE	IF	CITATIONS
199	Ovary transplantation: to activate or not to activate. <i>Human Reproduction</i> , 2015, 30, 2457-2460.	0.4	40
200	The first glimpse of the endometrial microbiota in early pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 296-305.	0.7	40
201	Cytokine pleiotropy and redundancy of gp130 cytokines in human implantation. <i>Trends in Immunology</i> , 1999, 20, 57-59.	7.5	39
202	Human Endometrial Transcriptomics: Implications for Embryonic Implantation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a022996.	2.9	39
203	Taxonomical and Functional Assessment of the Endometrial Microbiota in A Context of Recurrent Reproductive Failure: A Case Report. <i>Pathogens</i> , 2019, 8, 205.	1.2	39
204	Optimized NGS Approach for Detection of Aneuploidies and Mosaicism in PGT-A and Imbalances in PGT-SR. <i>Genes</i> , 2020, 11, 724.	1.0	39
205	Tyroxine hydroxylase (TH) downregulation in hyperstimulated ovaries reveals the dopamine agonist bromocriptine (Br2) as an effective and specific method to block increased vascular permeability (VP) in OHSS. <i>Fertility and Sterility</i> , 2003, 80, 43-44.	0.5	38
206	Building a Framework for Embryonic Microenvironments and Cancer Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 319-327.	5.6	38
207	Selection of New Probiotics for Endometrial Health. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 114.	1.8	38
208	Glucocorticoid treatment decreases sera embryotoxicity in endometriosis patients. <i>Fertility and Sterility</i> , 1992, 58, 284-289.	0.5	37
209	Derivation and characterization of three new Spanish human embryonic stem cell lines (VAL 3 4 5) on human feeder and in serum-free conditions. <i>Reproductive BioMedicine Online</i> , 2006, 13, 875-886.	1.1	37
210	Detection of Apoptosis in Human and Rat Ovarian Follicles. <i>Journal of the Society for Gynecologic Investigation</i> , 1994, 1, 297-301.	1.9	36
211	False positive rate of an arrayCGH platform for single-cell preimplantation genetic screening and subsequent clinical application on day-3. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 143-149.	1.2	36
212	Artificial gametes from stem cells. <i>Clinical and Experimental Reproductive Medicine</i> , 2015, 42, 33.	0.5	35
213	Molecular and Cellular Insights into the Development of Uterine Fibroids. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8483.	1.8	35
214	Cells, Stem Cells, and Cancer Stem Cells. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 005-013.	0.5	34
215	Expression of Interleukin-1 System Genes in Human Gametes1. <i>Biology of Reproduction</i> , 1998, 59, 1419-1424.	1.2	33
216	Uterine and Ovarian Function in Endometriosis. <i>Seminars in Reproductive Medicine</i> , 2003, 21, 183-192.	0.5	33

#	ARTICLE	IF	CITATIONS
217	The implantation of every embryo facilitates the chances of the remaining embryos to implant in an IVF programme: a mathematical model to predict pregnancy and multiple pregnancy rates. <i>Human Reproduction</i> , 2005, 20, 2923-2931.	0.4	33
218	InÂvitro production of haploid cells after coculture of CD49f+ with Sertoli cells from testicular sperm extraction in nonobstructive azoospermic patients. <i>Fertility and Sterility</i> , 2012, 98, 580-590.e4.	0.5	33
219	Derivation, characterization, differentiation, and registration of seven human embryonic stem cell lines (VAL-3, -4, -5, -6M, -7, -8, and -9) on human feeder. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 317-326.	0.7	32
220	Overexpression of the truncated form of High Mobility Group A proteins (HMGA2) in human myometrial cells induces leiomyoma-like tissue formation. <i>Molecular Human Reproduction</i> , 2015, 21, 330-338.	1.3	32
221	The role of ZFP57 and additional KRAB-zinc finger proteins in the maintenance of human imprinted methylation and multi-locus imprinting disturbances. <i>Nucleic Acids Research</i> , 2020, 48, 11394-11407.	6.5	32
222	Expression, production, and secretion of vascular endothelial growth factor and interleukin-6 by granulosa cells is comparable in women with and without endometriosis. <i>Fertility and Sterility</i> , 2001, 76, 568-575.	0.5	31
223	Proprotein Convertase 5/6 Is Critical for Embryo Implantation in Women: Regulating Receptivity by Cleaving EBP50, Modulating Ezrin Binding, and Membrane-Cytoskeletal Interactions. <i>Endocrinology</i> , 2011, 152, 5041-5052.	1.4	31
224	Bioengineering the Uterus: An Overview of Recent Advances and Future Perspectives in Reproductive Medicine. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1710-1717.	1.3	31
225	Characterization of parent-of-origin methylation using the Illumina Infinium MethylationEPIC array platform. <i>Epigenomics</i> , 2018, 10, 941-954.	1.0	31
226	Embryonic miRNA Profiles of Normal and Ectopic Pregnancies. <i>PLoS ONE</i> , 2014, 9, e102185.	1.1	31
227	Cell Therapy and Tissue Engineering from and toward the Uterus. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 366-372.	0.5	29
228	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
229	Sperm chromosomal abnormalities and their contribution to human embryo aneuploidy. <i>Biology of Reproduction</i> , 2019, 101, 1091-1101.	1.2	29
230	Ovarian follicular dynamics: from basic science to clinical practice. <i>Journal of Reproductive Immunology</i> , 1998, 39, 29-61.	0.8	28
231	Endometrial "scratching"™: what the data show. <i>Current Opinion in Obstetrics and Gynecology</i> , 2016, 28, 242-249.	0.9	28
232	Personalized ovarian stimulation for assisted reproductive technology: study design considerations to move from hype to added value for patients. <i>Fertility and Sterility</i> , 2018, 109, 968-979.	0.5	28
233	MicroRNA-30d deficiency during preconception affects endometrial receptivity by decreasing implantation rates and impairing fetal growth. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 46.e1-46.e16.	0.7	28
234	Obesity Affects Endometrial Receptivity by Displacing the Window of Implantation. <i>Reproductive Sciences</i> , 2021, 28, 3171-3180.	1.1	28

#	ARTICLE	IF	CITATIONS
235	Cytokines in Implantation. <i>Seminars in Reproductive Medicine</i> , 1995, 13, 142-151.	0.5	27
236	Effect of vitrification on human oocytes: a metabolic profiling study. <i>Fertility and Sterility</i> , 2013, 99, 565-572.e3.	0.5	27
237	The transcriptomic and proteomic effects of ectopic overexpression of miR-30d in human endometrial epithelial cells. <i>Molecular Human Reproduction</i> , 2014, 20, 550-566.	1.3	27
238	Severe preeclampsia is associated with alterations in cytotrophoblasts of the smooth chorion. <i>Development (Cambridge)</i> , 2017, 144, 767-777.	1.2	27
239	Defining the Genomic Signature of Totipotency and Pluripotency during Early Human Development. <i>PLoS ONE</i> , 2013, 8, e62135.	1.1	27
240	Human Embryo Culture. <i>Methods in Enzymology</i> , 2006, 420, 3-18.	0.4	26
241	Somatic Stem Cells in the Endometrium. <i>Reproductive Sciences</i> , 2009, 16, 200-205.	1.1	26
242	Stem Cells in Human Endometrium and Endometrial Carcinoma. <i>International Journal of Gynecological Pathology</i> , 2011, 30, 317-327.	0.9	26
243	Preimplantation genetic diagnosis by fluorescence in situ hybridization: clinical possibilities and pitfalls. <i>Journal of the Society for Gynecologic Investigation</i> , 2003, 10, 315-322.	1.9	26
244	Cleavage of endometrial α -integrins into their functional forms is mediated by proprotein convertase 5/6. <i>Human Reproduction</i> , 2012, 27, 2766-2774.	0.4	25
245	Impact of final oocyte maturation using gonadotropin-releasing hormone agonist triggering and different luteal support protocols on endometrial gene expression. <i>Fertility and Sterility</i> , 2014, 101, 138-146.e3.	0.5	25
246	Introduction. <i>Fertility and Sterility</i> , 2018, 110, 325-326.	0.5	25
247	Embryonic Regulation in Implantation. <i>Seminars in Reproductive Medicine</i> , 1999, 17, 267-274.	0.5	24
248	Mifepristone Is an Effective Oral Alternative for the Prevention of Premature Luteinizing Hormone Surges and/or Premature Luteinization in Women Undergoing Controlled Ovarian Hyperstimulation for In Vitro Fertilization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2081-2088.	1.8	24
249	Leucine-rich repeat-containing G-protein-coupled receptor-positive cells in the endometrial stem cell niche. <i>Fertility and Sterility</i> , 2017, 107, 510-519.e3.	0.5	24
250	Endometrial receptivity in terms of pinopode expression is not impaired in women with endometriosis in artificially prepared cycles. <i>Fertility and Sterility</i> , 2001, 75, 1231-1233.	0.5	23
251	Specific Unsaturated Fatty Acids Enforce the Transdifferentiation of Human Cancer Cells toward Adipocyte-like Cells. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 898-909.	5.6	23
252	BACs-on-Beads Technology: A Reliable Test for Rapid Detection of Aneuploidies and Microdeletions in Prenatal Diagnosis. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	23

#	ARTICLE	IF	CITATIONS
253	Current understanding of somatic stem cells in leiomyoma formation. <i>Fertility and Sterility</i> , 2014, 102, 613-620.	0.5	23
254	Dynamic expression of PGRMC1 and SERBP1 in human endometrium: an implication in the human decidualization process. <i>Fertility and Sterility</i> , 2017, 108, 832-842.e1.	0.5	23
255	Interleukin-1 β (IL-1 β) Is a Modulator of Human Luteal Cell Steroidogenesis: Localization of the IL Type I System in the Corpus Luteum1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 4239-4245.	1.8	22
256	Efficient method for slow cryopreservation of human embryonic stem cells in xeno-free conditions. <i>Reproductive BioMedicine Online</i> , 2008, 17, 127-135.	1.1	22
257	Dopamine receptor 2 activation inhibits ovarian vascular endothelial growth factor secretion in an ovarian hyperstimulation syndrome (OHSS) animal model: implications for treatment of OHSS with dopamine receptor 2 agonists. <i>Fertility and Sterility</i> , 2014, 102, 1468-1476.e1.	0.5	22
258	Trends in clinical reproductive medicine research: 10 years of growth. <i>Fertility and Sterility</i> , 2015, 104, 131-137.e5.	0.5	22
259	Chromosomal abnormalities in embryos from couples with a previous aneuploid miscarriage. <i>Fertility and Sterility</i> , 2012, 98, 145-150.	0.5	21
260	Differential metabolic profiling of non-“pure trisomy 21 human preimplantation embryos. <i>Fertility and Sterility</i> , 2012, 98, 1157-1164.e2.	0.5	21
261	Delta-like ligand 4 regulates vascular endothelial growth factor receptor 2-“driven luteal angiogenesis through induction of a tip/stalk phenotype in proliferating endothelial cells. <i>Fertility and Sterility</i> , 2013, 100, 1768-1776.e1.	0.5	21
262	The Lin28/Let-7 System in Early Human Embryonic Tissue and Ectopic Pregnancy. <i>PLoS ONE</i> , 2014, 9, e87698.	1.1	21
263	Uterine microbiome-“low biomass and high expectations-“. <i>Biology of Reproduction</i> , 2019, 101, 1102-1114.	1.2	21
264	Somatic Stem Cells in the Human Endometrium. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 069-076.	0.5	20
265	Dopamine receptor 2 activation inhibits ovarian vascular endothelial growth factor secretion in vitro: implications for treatment of ovarian hyperstimulation syndrome with dopamine receptor 2 agonists. <i>Fertility and Sterility</i> , 2014, 101, 1411-1418.e2.	0.5	20
266	Should Vanishing Twin Pregnancies Be Systematically Excluded From Cell-“Free Foetal Dna Testing?. <i>Prenatal Diagnosis</i> , 2020, 41, 1241-1248.	1.1	20
267	Are favorite molecules of endometrial receptivity still in favor?. <i>Expert Review of Obstetrics and Gynecology</i> , 2008, 3, 487-501.	0.4	19
268	Human somatic cells subjected to genetic induction with six germ line-related factors display meiotic germ cell-like features. <i>Scientific Reports</i> , 2016, 6, 24956.	1.6	19
269	The differential diagnoses of uterine leiomyomas and leiomyosarcomas using DNA and RNA sequencing. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 320.e1-320.e23.	0.7	19
270	Cellular therapies for the endometrium: An update. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 672-677.	1.3	19

#	ARTICLE	IF	CITATIONS
271	The impact of using the combined oral contraceptive pill for cycle scheduling on gene expression related to endometrial receptivity. <i>Human Reproduction</i> , 2014, 29, 1271-1278.	0.4	18
272	Heteroparental blastocyst production from microsurgically corrected tripronucleated human embryos. <i>Fertility and Sterility</i> , 2006, 86, 1601-1607.	0.5	17
273	Age does not affect uterine resistance to vascular flow in patients undergoing oocyte donation. <i>Fertility and Sterility</i> , 1996, 66, 265-270.	0.5	16
274	Germ cell transplantation into mouse testes procedure. <i>Fertility and Sterility</i> , 2014, 102, e11-e12.	0.5	16
275	Molecular analysis of products of conception obtained by hysteroembryoscopy from infertile couples. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 839-848.	1.2	16
276	The origin of biochemical pregnancies: lessons learned from preimplantation genetic diagnosis. <i>Fertility and Sterility</i> , 2003, 79, 449-450.	0.5	15
277	Comparison of Cryotip vs. Cryotop for mouse and human blastomere vitrification. <i>Fertility and Sterility</i> , 2012, 97, 209-217.	0.5	15
278	Dopamine agonist inhibits vascular endothelial growth factor protein production and secretion in granulosa cells. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 104.	1.4	15
279	Disrupted PGR-B and ESR1 signaling underlies defective decidualization linked to severe preeclampsia. <i>ELife</i> , 2021, 10, .	2.8	15
280	MUC1 in human testis and ejaculated spermatozoa and its relationship to male fertility status. <i>Fertility and Sterility</i> , 2008, 90, 450-452.	0.5	14
281	Non-invasive preimplantation genetic testing for aneuploidies: an update. <i>Reproductive BioMedicine Online</i> , 2022, 44, 817-828.	1.1	14
282	Blastocyst transfer: does it really affect the outcome?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2001, 13, 299-304.	0.9	13
283	Derivation of clinical-grade human embryonic stem cells. <i>Reproductive BioMedicine Online</i> , 2006, 12, 112-118.	1.1	13
284	Ischaemic preconditioning prevents the liver inflammatory response to lung ischaemia/reperfusion in a swine lung autotransplant model. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1194-1201.	0.6	13
285	Characteristics of the IVF Cycle that Contribute to the Incidence of Mosaicism. <i>Genes</i> , 2020, 11, 1151.	1.0	13
286	Understanding the human endometrium in the 21st century. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 1-2.	0.7	13
287	Germ Cell Differentiation from Pluripotent Cells. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 014-023.	0.5	11
288	Timing the window of implantation by nucleolar channel system prevalence matches the accuracy of the endometrial receptivity array. <i>Fertility and Sterility</i> , 2014, 102, 1477-1481.	0.5	11

#	ARTICLE	IF	CITATIONS
289	A novel homologous model for noninvasive monitoring of endometriosis progression. <i>Biology of Reproduction</i> , 2017, 96, 302-312.	1.2	11
290	Combined Preimplantation Genetic Testing for Autosomal Dominant Polycystic Kidney Disease: Consequences for Embryos Available for Transfer. <i>Genes</i> , 2020, 11, 692.	1.0	11
291	Time to pregnancy: as important for patients as underestimated by doctors. <i>Fertility and Sterility</i> , 2020, 113, 522-523.	0.5	11
292	Cytokines in older patients undergoing in vitro fertilization: the relationship to the response to controlled ovarian hyperstimulation. <i>Journal of Assisted Reproduction and Genetics</i> , 1999, 16, 247-252.	1.2	10
293	Expression and function of 3beta hydroxysteroid dehydrogenase (3beta HSD) type II and corticosteroid binding globulin (CBG) in granulosa cells from ovaries of women with and without endometriosis. <i>Journal of Assisted Reproduction and Genetics</i> , 2002, 19, 24-30.	1.2	10
294	Embryonic adhesion is not affected by endometrial leptin receptor gene silencing. <i>Fertility and Sterility</i> , 2007, 88, 1086-1092.	0.5	10
295	Introduction. <i>Fertility and Sterility</i> , 2017, 107, 1083-1084.	0.5	10
296	Introduction. <i>Fertility and Sterility</i> , 2017, 108, 4-8.	0.5	10
297	Should we consider alternative therapies to operative hysteroscopy for the treatment of Asherman syndrome?. <i>Fertility and Sterility</i> , 2020, 113, 511-521.	0.5	10
298	Role of Stro1+/CD44+ stem cells in myometrial physiology and uterine remodeling during pregnancy. <i>Biology of Reproduction</i> , 2017, 96, 70-80.	1.2	9
299	Fetal sex determination in twin pregnancies using cell free fetal DNA analysis. <i>Prenatal Diagnosis</i> , 2018, 38, 578-584.	1.1	9
300	Molecular differential diagnosis of uterine leiomyomas and leiomyosarcomas. <i>Biology of Reproduction</i> , 2019, 101, 1115-1123.	1.2	9
301	Use of Customizable Nucleases for Gene Editing and Other Novel Applications. <i>Genes</i> , 2020, 11, 976.	1.0	9
302	Noninvasive preimplantation genetic testing for aneuploidy in spent culture medium as a substitute for trophectoderm biopsy. <i>Fertility and Sterility</i> , 2021, 115, 841-849.	0.5	9
303	Potential molecular mechanisms for the contraceptive control of implantation. <i>Molecular Human Reproduction</i> , 1996, 2, 475-479.	1.3	8
304	The potential use of maturation in vitro of human oocytes in low responder patients. <i>Journal of Assisted Reproduction and Genetics</i> , 2000, 17, 239-244.	1.2	8
305	Human Endometrial Reconstitution From Somatic Stem Cells: The Importance of Niche-Like Cells. <i>Reproductive Sciences</i> , 2019, 26, 77-87.	1.1	8
306	Paracrine interactions during human implantation. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002, 3, 97-105.	2.6	7

#	ARTICLE	IF	CITATIONS
307	Monitoring Stemness in Long-Term hESC Cultures by Real-Time PCR. <i>Methods in Molecular Biology</i> , 2009, 584, 135-150.	0.4	7
308	Prevention of OHSS: Current strategies and new insights. <i>Middle East Fertility Society Journal</i> , 2010, 15, 223-230.	0.5	7
309	Modulation of monocyte chemoattractant protein-1 expression by ischaemic preconditioning in a lung autotransplant model. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 933-939.	0.6	7
310	Personalized assisted reproductive technology. <i>Fertility and Sterility</i> , 2013, 100, 922-923.	0.5	7
311	Germ line development: lessons learned from pluripotent stem cells. <i>Current Opinion in Genetics and Development</i> , 2014, 28, 64-70.	1.5	7
312	Complete method to obtain, culture, and transfer mouse blastocysts nonsurgically to study implantation and development. <i>Fertility and Sterility</i> , 2014, 101, e13.	0.5	7
313	Biomarkers in reproductive medicine: the quest for new answers. <i>Human Reproduction Update</i> , 2015, 21, 695-697.	5.2	7
314	Evaluation of the potential therapeutic effects of a double-stranded RNA mimic complexed with polycations in an experimental mouse model of endometriosis. <i>Fertility and Sterility</i> , 2015, 104, 1310-1318.	0.5	7
315	GnRH antagonist for endometrial priming in an oocyte donation programme: a prospective, randomized controlled trial. <i>Reproductive BioMedicine Online</i> , 2018, 37, 415-424.	1.1	7
316	Integrative Genomic and Transcriptomic Profiling Reveals a Differential Molecular Signature in Uterine Leiomyoma versus Leiomyosarcoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2190.	1.8	7
317	Immunohistochemical localization, identification and regulation of the interleukin-1 receptor antagonist in the human endometrium. <i>Molecular Human Reproduction</i> , 1995, 1, 324-329.	1.3	6
318	Ovarian Hyperstimulation Syndrome. , 0, , 243-257.		6
319	Progesterone elevation during GnRH antagonists cycles in IVF adversely affects pregnancy and implantation rates. <i>Fertility and Sterility</i> , 2002, 78, S148.	0.5	5
320	Ovarian stimulation length, number of follicles higher than 17mm and estradiol on the day of human chorionic gonadotropin administration are risk factors for multiple pregnancy in intrauterine insemination. <i>Reproductive Medicine and Biology</i> , 2007, 6, 19-26.	1.0	5
321	Transdifferentiation of MALME-3M and MCF-7 Cells toward Adipocyte-like Cells is Dependent on Clathrin-mediated Endocytosis. <i>SpringerPlus</i> , 2012, 1, 44.	1.2	5
322	Reply: Endometrial scratching for women with repeated implantation failure. <i>Human Reproduction</i> , 2014, 29, 2856-2857.	0.4	5
323	25 historic papers: an ASRM 75th birthday gift from <i>Fertility and Sterility</i> . <i>Fertility and Sterility</i> , 2019, 112, e2-e27.	0.5	5
324	Introduction. <i>Fertility and Sterility</i> , 2019, 112, 611-612.	0.5	5

#	ARTICLE	IF	CITATIONS
325	Should the reproductive risk of a couple aiming to conceive be tested in the contemporary clinical context?. <i>Fertility and Sterility</i> , 2019, 111, 229-238.	0.5	5
326	Summary of the proceedings of the Basic Science of Uterine Fibroids meeting: new developments (February 28, 2020). <i>F&S Science</i> , 2021, 2, 88-100.	0.5	5
327	Endometrial Factor in Unexplained Infertility and Recurrent Implantation Failure. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 227-232.	0.5	5
328	Human Embryonic Stem Cells Derived in Xeno-Free Conditions. <i>Methods in Molecular Biology</i> , 2012, 873, 13-32.	0.4	4
329	Introduction. <i>Fertility and Sterility</i> , 2014, 102, 611-612.	0.5	4
330	Converting a Problem into an Opportunity: mtDNA Heteroplasmy Shift. <i>Cell Stem Cell</i> , 2015, 16, 457-458.	5.2	4
331	Embryo Genetics. <i>Genes</i> , 2021, 12, 118.	1.0	4
332	In Vitro fertilization and andrology laboratory in 2030: expert visions. <i>Fertility and Sterility</i> , 2021, 116, 4-12.	0.5	4
333	Endometrial factor testing is a useful tool in clinical infertility management. <i>Reproductive BioMedicine Online</i> , 2022, 44, 953-960.	1.1	4
334	Avoid mixing apples and oranges: blastocysts diagnosed with uniform whole chromosome aneuploidies are reproductively incompetent and their transfer is harmful. <i>Human Reproduction</i> , 2022, 37, 2213-2214.	0.4	4
335	Human embryonic stem cell derivation: from the IVF perspective to therapeutic applications. <i>Regenerative Medicine</i> , 2006, 1, 103-109.	0.8	3
336	Follicular and endocrine profiles associated with different GnRH-antagonist regimens: a randomized controlled trial. <i>Reproductive BioMedicine Online</i> , 2012, 24, 153-162.	1.1	3
337	Evaluation of the antiproliferative, proapoptotic, and antiangiogenic effects of a double-stranded RNA mimic complexed with polycations in an experimental mouse model of leiomyoma. <i>Fertility and Sterility</i> , 2016, 105, 529-538.	0.5	3
338	Bioengineered uterus: a path toward ectogenesis. <i>Fertility and Sterility</i> , 2019, 112, 446-447.	0.5	3
339	Reply: Bone marrow-derived endometrial cells: what you see is what you get. <i>Human Reproduction Update</i> , 2019, 25, 274-275.	5.2	3
340	Testing the mathematical model for PGT-A inefficiency with scientific sources demonstrates the efficacy of PGT-A. <i>Human Reproduction</i> , 2020, 35, 2163-2165.	0.4	3
341	Response to: Comments on the methodology of an endometrial receptivity array trial. <i>Reproductive BioMedicine Online</i> , 2021, 42, 284.	1.1	3
342	Noninvasive preimplantation genetic testing for aneuploidy: Is the glass half-empty or half-full?. <i>Fertility and Sterility</i> , 2021, 115, 1426-1427.	0.5	3

#	ARTICLE	IF	CITATIONS
343	Human Germ Cell Differentiation from Pluripotent Embryonic Stem Cells and Induced Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1154, 563-578.	0.4	3
344	PREIMPLANTATION GENETIC TESTING: Chromosome abnormalities in human embryos. <i>Reproduction</i> , 2020, 160, A33-A44.	1.1	3
345	Cytokines and reproductive function. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 1996, 3, 463-471.	0.6	2
346	Cytokine and growth factor network in human endometrium. <i>Immunology and Allergy Clinics of North America</i> , 2002, 22, 529-543.	0.7	2
347	European funding for reproduction research—A multinational perspective. <i>Nature Medicine</i> , 2008, 14, 1222-1222.	15.2	2
348	Do clinical outcomes differ for day-5 versus day-6 single embryo transfers controlled for endometrial factor?. <i>Reproductive BioMedicine Online</i> , 2022, 44, 478-485.	1.1	2
349	Preimplantation Genetic Diagnosis by Fluorescence In Situ Hybridization: Clinical Possibilities and Pitfalls. <i>Journal of the Society for Gynecologic Investigation</i> , 2003, 10, 315-322.	1.9	1
350	Proteomics analysis of the endometrium and embryo. Can we improve IVF outcome?. , 0, , 289-300.		1
351	Germ-cell differentiation from pluripotent cells. , 2013, , 15-29.		1
352	Adult stem cells in the human endometrium. , 0, , 115-132.		1
353	Reply to Liu et al.: Decidualization defect in severe preeclampsia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7656-E7657.	3.3	1
354	Scaffolds for bioengineered uterus. , 2019, , 283-316.		1
355	Modern Evaluation of Endometrial Receptivity. , 2019, , 357-366.		1
356	An endometrial pathology in the inflammation cloud that can be accessed with a microbial app. <i>Fertility and Sterility</i> , 2019, 111, 679-680.	0.5	1
357	Preconceptional care, where reproductive medicine meets obstetrics: the origins of lifetime health. <i>Fertility and Sterility</i> , 2019, 111, 657-658.	0.5	1
358	Transcriptomics of the Human Endometrium and Embryo Implantation. , 2019, , 271-291.		1
359	Introduction. <i>Fertility and Sterility</i> , 2020, 113, 1091-1092.	0.5	1
360	Operative hysteroscopy should be repeated as many times as necessary for the treatment of refractory Asherman syndrome versus is there any alternative therapy worth considering?. <i>Fertility and Sterility</i> , 2020, 113, 510.	0.5	1

#	ARTICLE	IF	CITATIONS
361	Reproductive medicine, as seen through single-cell glasses. Fertility and Sterility, 2021, 115, 296-297.	0.5	1
362	Noninvasive preimplantation genetic testing for aneuploidy in spent blastocyst media will substitute for trophectoderm biopsy. Fertility and Sterility, 2021, 115, 840.	0.5	1
363	InÂvitro fertilization and andrology laboratories in 2030. Fertility and Sterility, 2021, 116, 2-3.	0.5	1
364	The analysis of endometrial receptivity. , 2012, , 366-379.		1
365	An experimental bagatelle or a wrong mistake? To the Editor. Fertility and Sterility, 2002, 78, 434-435.	0.5	0
366	Power Enough?â€”Confidence intervals for uncertainty: Reply of the Authors:. Fertility and Sterility, 2003, 79, 1040.	0.5	0
367	Implantation and uterine receptivity. International Congress Series, 2004, 1266, 177-182.	0.2	0
368	Embryo interactions in human implantation. , 2005, , 79-89.		0
369	Interleukin-1 and Implantation. , 2006, , 294-302.		0
370	Molecular Mechanisms of Implantation. , 0, , 46-52.		0
371	Stem Cell Research. , 0, , 695-705.		0
372	Reply: Rectal endometriosis and prolactinoma. Human Reproduction, 2010, 25, 1589-1590.	0.4	0
373	Antiangiogenic agents for endometriosis. , 0, , 101-109.		0
374	Stem Cells and Fertility Preservation in Males. , 2012, , 345-352.		0
375	Gene expression dynamics during human embryonic development. , 0, , 76-83.		0
376	Embryonic stem cells from blastomeres maintaining embryo viability. , 0, , 84-92.		0
377	Proteomics in Reproduction. , 2014, , 153-167.		0
378	Regenerative Medicine and Tissue Engineering in Reproductive Medicine. , 2016, , 139-151.		0

#	ARTICLE	IF	CITATIONS
379	Why should patients experience infertility or poor outcomes before using assisted reproductive technologies?. Fertility and Sterility, 2017, 107, 878-879.	0.5	0
380	Endometrial Development and Gene Expression. , 0, , 1-12.		0
381	Microbiome in Embryonic Implantation and Implantation Failure. , 2018, , 175-195.		0
382	Microbiota and Pathogen Screening in the Female Reproductive Tract. , 2018, , 36-44.		0
383	Analysis of Human Endometrial Receptivity. , 2018, , 231-238.		0
384	Happy Birthday to ASRM from Fertility and Sterility. Fertility and Sterility, 2019, 112, e1.	0.5	0
385	Screening the Uterine Microbiome Prior to Embryo Transfer. , 2019, , 54-64.		0
386	Endometrial Receptivity, what time is ideal to transfer. Reproductive BioMedicine Online, 2019, 38, e4-e5.	1.1	0
387	To what extent is the testing of the reproductive risk of a couple aiming to conceive meaningful in the contemporary clinical context?. Fertility and Sterility, 2019, 111, 227-228.	0.5	0
388	The Patient Evaluation of the Future: Genetics, New Diagnostics, and Prediction Modeling. , 2020, , 11-22.		0
389	Introduction. Fertility and Sterility, 2020, , .	0.5	0
390	Darwin meets Mendel in the reproductive medicine field: Homo sapiens 2.0 is inevitable. Fertility and Sterility, 2021, 115, 850-851.	0.5	0
391	Severe acute respiratory syndrome coronavirus 2 immunity: infective and naive incidence in fertility clinics after lockdown. American Journal of Obstetrics and Gynecology, 2021, 225, 103-105.	0.7	0
392	Consensus vision. Fertility and Sterility, 2021, 116, 13-14.	0.5	0
393	Is metabolomics a reliable technique to assess embryo quality?. Medicina Reproductiva Y EmbriologÃa ClÃnica, 2021, 8, 100110.	0.1	0
394	Embryo-Maternal Dialogue in the Apposition and Adhesion Phases of Human Implantation. , 2001, , 199-209.		0
395	The Endometrial Epithelium. , 2002, , 292-313.		0
396	Embryonic and maternal dialogue and the analysis of uterine receptivity. , 2008, , 427-434.		0

#	ARTICLE	IF	CITATIONS
397	Gamete Generation from Stem Cells: Will it Ever Be Applicable? A Clinical View. Reproductive Medicine and Assisted Reproductive Techniques Series, 2009, , 1-13.	0.1	0
398	Gamete Generation from Stem Cells: Will it Ever Be Applicable? A Clinical View. Reproductive Medicine and Assisted Reproductive Techniques Series, 2009, , 1-13.	0.1	0
399	Stem Cells and Fertility Preservation in Males. , 2013, , 159-169.		0
400	Endometrial Receptivity. , 2017, , 317-330.		0
401	Endometrial Receptivity by Endometrial Receptivity Analysis (ERA) for Infertility. , 2020, , 91-102.		0