

Marcos Meseguer

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176
papers

8,336
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h-index

87
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190
ext. papers

9,732
ext. citations

2.7
avg, IF

6.01
L-index

#	Paper	IF	Citations
176	The use of morphokinetics as a predictor of embryo implantation. <i>Human Reproduction</i> , 2011 , 26, 2658-74	5.7	573
175	Use of cryo-banked oocytes in an ovum donation programme: a prospective, randomized, controlled, clinical trial. <i>Human Reproduction</i> , 2010 , 25, 2239-46	5.7	407
174	Human endometrial mucin MUC1 is up-regulated by progesterone and down-regulated in vitro by the human blastocyst. <i>Biology of Reproduction</i> , 2001 , 64, 590-601	3.9	255
173	Female obesity impairs in vitro fertilization outcome without affecting embryo quality. <i>Fertility and Sterility</i> , 2010 , 93, 447-54	4.8	232
172	Embryo incubation and selection in a time-lapse monitoring system improves pregnancy outcome compared with a standard incubator: a retrospective cohort study. <i>Fertility and Sterility</i> , 2012 , 98, 1481-9	4.8	231
171	Limited implantation success of direct-cleaved human zygotes: a time-lapse study. <i>Fertility and Sterility</i> , 2012 , 98, 1458-63	4.8	222
170	Clinical validation of embryo culture and selection by morphokinetic analysis: a randomized, controlled trial of the EmbryoScope. <i>Fertility and Sterility</i> , 2014 , 102, 1287-1294.e5	4.8	215
169	Timing of cell division in human cleavage-stage embryos is linked with blastocyst formation and quality. <i>Reproductive BioMedicine Online</i> , 2012 , 25, 371-81	4	191
168	Embryo quality, blastocyst and ongoing pregnancy rates in oocyte donation patients whose embryos were monitored by time-lapse imaging. <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 569-73	3.4	153
167	Value of the sperm deoxyribonucleic acid fragmentation level, as measured by the sperm chromatin dispersion test, in the outcome of in vitro fertilization and intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2006 , 85, 371-83	4.8	151
166	The significance of premature luteinization in an oocyte-donation programme. <i>Human Reproduction</i> , 2006 , 21, 1503-7	5.7	147
165	Obesity reduces uterine receptivity: clinical experience from 9,587 first cycles of ovum donation with normal weight donors. <i>Fertility and Sterility</i> , 2013 , 100, 1050-8	4.8	135
164	The use of morphokinetics as a predictor of implantation: a multicentric study to define and validate an algorithm for embryo selection. <i>Human Reproduction</i> , 2015 , 30, 276-83	5.7	129
163	Effect of sperm DNA fragmentation on pregnancy outcome depends on oocyte quality. <i>Fertility and Sterility</i> , 2011 , 95, 124-8	4.8	127
162	Deep learning enables robust assessment and selection of human blastocysts after in vitro fertilization. <i>Npj Digital Medicine</i> , 2019 , 2, 21	15.7	126
161	Increasing the probability of selecting chromosomally normal embryos by time-lapse morphokinetics analysis. <i>Fertility and Sterility</i> , 2014 , 101, 699-704	4.8	125
160	Testicular sperm extraction (TESE) and ICSI in patients with permanent azoospermia after chemotherapy. <i>Human Reproduction</i> , 2003 , 18, 1281-5	5.7	118

159	Diagnosis of human preimplantation embryo viability. <i>Human Reproduction Update</i> , 2015 , 21, 727-47	15.8	114
158	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, 375-84	4.4	105
157	Morphokinetic analysis and embryonic prediction for blastocyst formation through an integrated time-lapse system. <i>Fertility and Sterility</i> , 2016 , 105, 376-84.e9	4.8	103
156	Sperm cryopreservation in oncological patients: a 14-year follow-up study. <i>Fertility and Sterility</i> , 2006 , 85, 640-5	4.8	102
155	The significance of sperm DNA oxidation in embryo development and reproductive outcome in an oocyte donation program: a new model to study a male infertility prognostic factor. <i>Fertility and Sterility</i> , 2008 , 89, 1191-1199	4.8	101
154	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, 845-57	4.4	99
153	Selection of high potential embryos using time-lapse imaging: the era of morphokinetics. <i>Fertility and Sterility</i> , 2013 , 99, 1030-4	4.8	99
152	Storage of human oocytes in the vapor phase of nitrogen. <i>Fertility and Sterility</i> , 2010 , 94, 1903-7	4.8	95
151	Adenomyosis does not affect implantation, but is associated with miscarriage in patients undergoing oocyte donation. <i>Fertility and Sterility</i> , 2011 , 96, 943-50	4.8	93
150	GnRH agonist versus recombinant HCG in an oocyte donation programme: a randomized, prospective, controlled, assessor-blind study. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 486-92	4	92
149	Microarray analysis in sperm from fertile and infertile men without basic sperm analysis abnormalities reveals a significantly different transcriptome. <i>Fertility and Sterility</i> , 2009 , 91, 1307-10	4.8	89
148	Pro-oxidative and anti-oxidative imbalance in human semen and its relation with male fertility. <i>Asian Journal of Andrology</i> , 2004 , 6, 59-65	2.8	89
147	Value of the sperm chromatin dispersion test in predicting pregnancy outcome in intrauterine insemination: a blind prospective study. <i>Human Reproduction</i> , 2006 , 21, 738-44	5.7	87
146	Type of culture media does not affect embryo kinetics: a time-lapse analysis of sibling oocytes. <i>Human Reproduction</i> , 2013 , 28, 634-41	5.7	85
145	Influence of paternal age on assisted reproduction outcome. <i>Reproductive BioMedicine Online</i> , 2008 , 17, 595-604	4	77
144	PGE2 and PGF2 α concentrations in human endometrial fluid as biomarkers for embryonic implantation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 4123-32	5.6	75
143	Sperm and oocyte donor selection and management: experience of a 10 year follow-up of more than 2100 candidates. <i>Human Reproduction</i> , 2002 , 17, 3142-8	5.7	75
142	Differential transcriptomic profile in spermatozoa achieving pregnancy or not via ICSI. <i>Reproductive BioMedicine Online</i> , 2011 , 22, 25-36	4	72

141	Origin and composition of cell-free DNA in spent medium from human embryo culture during preimplantation development. <i>Human Reproduction</i> , 2018 , 33, 745-756	5.7	71
140	Improvements achieved in an oocyte donation program over a 10-year period: sequential increase in implantation and pregnancy rates and decrease in high-order multiple pregnancies. <i>Fertility and Sterility</i> , 2007 , 88, 342-9	4.8	70
139	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. <i>Human Reproduction</i> , 2004 , 19, 2581-6	5.7	68
138	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. <i>Fertility and Sterility</i> , 2004 , 82 Suppl 3, 1059-66	4.8	67
137	MUC1 and endometrial receptivity. <i>Molecular Human Reproduction</i> , 1998 , 4, 1089-98	4.4	66
136	Endometrial receptivity and implantation are not affected by the presence of uterine intramural leiomyomas: a clinical and functional genomics analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3490-8	5.6	65
135	MUC1, glycans and the cell-surface barrier to embryo implantation. <i>Biochemical Society Transactions</i> , 2001 , 29, 153-156	5.1	65
134	The type of GnRH analogue used during controlled ovarian stimulation influences early embryo developmental kinetics: a time-lapse study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 168, 167-72	2.4	64
133	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, 1028-34	5.7	64
132	Optimizing the culture environment and embryo manipulation to help maintain embryo developmental potential. <i>Fertility and Sterility</i> , 2016 , 105, 571-587	4.8	63
131	Increased adhesiveness in cultured endometrial-derived cells is related to the absence of moesin expression. <i>Biology of Reproduction</i> , 2000 , 63, 1370-6	3.9	63
130	Y chromosome microdeletions, sperm DNA fragmentation and sperm oxidative stress as causes of recurrent spontaneous abortion of unknown etiology. <i>Human Reproduction</i> , 2010 , 25, 1713-21	5.7	62
129	The human first cell cycle: impact on implantation. <i>Reproductive BioMedicine Online</i> , 2014 , 28, 475-84	4	59
128	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, 1199-202	4.8	58
127	Similar morphokinetic patterns in embryos derived from obese and normoweight infertile women: a time-lapse study. <i>Human Reproduction</i> , 2013 , 28, 794-800	5.7	57
126	The transcriptome of spermatozoa used in homologous intrauterine insemination varies considerably between samples that achieve pregnancy and those that do not. <i>Fertility and Sterility</i> , 2010 , 94, 1360-1373	4.8	57
125	A time to look back: analysis of morphokinetic characteristics of human embryo development. <i>Fertility and Sterility</i> , 2013 , 100, 1602-9.e1-4	4.8	53
124	Oxygen consumption is a quality marker for human oocyte competence conditioned by ovarian stimulation regimens. <i>Fertility and Sterility</i> , 2011 , 96, 618-623.e2	4.8	53

123	Oocyte insemination techniques are related to alterations of embryo developmental timing in an oocyte donation model. <i>Reproductive BioMedicine Online</i> , 2013 , 27, 367-75	4	51
122	Dose of recombinant FSH and oestradiol concentration on day of HCG affect embryo development kinetics. <i>Reproductive BioMedicine Online</i> , 2012 , 25, 382-9	4	51
121	Antral follicle count (AFC) can be used in the prediction of ovarian response but cannot predict the oocyte/embryo quality or the in vitro fertilization outcome in an egg donation program. <i>Fertility and Sterility</i> , 2009 , 91, 148-56	4.8	49
120	Is morphokinetic analysis the answer?. <i>Reproductive BioMedicine Online</i> , 2013 , 27, 654-63	4	48
119	Removal of annexin V-positive sperm cells for intracytoplasmic sperm injection in ovum donation cycles does not improve reproductive outcome: a controlled and randomized trial in unselected males. <i>Fertility and Sterility</i> , 2014 , 102, 1567-75.e1	4.8	48
118	High progesterone levels in women with high ovarian response do not affect clinical outcomes: a retrospective cohort study. <i>Reproductive Biology and Endocrinology</i> , 2014 , 12, 69	5	46
117	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, 1376-85	4.8	46
116	Type of chromosome abnormality affects embryo morphology dynamics. <i>Fertility and Sterility</i> , 2017 , 107, 229-235.e2	4.8	45
115	Ethnicity as a determinant of ovarian reserve: differences in ovarian aging between Spanish and Indian women. <i>Fertility and Sterility</i> , 2014 , 102, 244-9	4.8	45
114	Contribution of sperm molecular features to embryo quality and assisted reproduction success. <i>Reproductive BioMedicine Online</i> , 2008 , 17, 855-65	4	44
113	Concentration of glutathione and expression of glutathione peroxidases 1 and 4 in fresh sperm provide a forecast of the outcome of cryopreservation of human spermatozoa. <i>Journal of Andrology</i> , 2004 , 25, 773-80		44
112	Collapse of blastocysts is strongly related to lower implantation success: a time-lapse study. <i>Human Reproduction</i> , 2015 , 30, 2501-8	5.7	43
111	Time-dependent O2 consumption patterns determined optimal time ranges for selecting viable human embryos. <i>Fertility and Sterility</i> , 2012 , 98, 849-57.e1-3	4.8	42
110	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, 445-51	3.4	42
109	Simultaneous determination in situ of DNA fragmentation and 8-oxoguanine in human sperm. <i>Fertility and Sterility</i> , 2010 , 93, 314-8	4.8	41
108	Swim-up procedure selects spermatozoa with longer telomere length. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 688, 88-90	3.3	41
107	Good practice recommendations for the use of time-lapse technology. <i>Human Reproduction Open</i> , 2020 , 2020, hoaa008	6.1	40
106	Variables associated with mitochondrial copy number in human blastocysts: what can we learn from trophectoderm biopsies?. <i>Fertility and Sterility</i> , 2018 , 109, 110-117	4.8	40

105	Sperm DNA fragmentation levels in testicular sperm samples from azoospermic males as assessed by the sperm chromatin dispersion (SCD) test. <i>Fertility and Sterility</i> , 2009 , 92, 1638-45	4.8	40
104	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, 588-94	4.8	40
103	Full in vitro fertilization laboratory mechanization: toward robotic assisted reproduction?. <i>Fertility and Sterility</i> , 2012 , 97, 1277-86	4.8	39
102	New strategy for diagnosing embryo implantation potential by combining proteomics and time-lapse technologies. <i>Fertility and Sterility</i> , 2015 , 104, 908-914	4.8	38
101	Sperm selection by swim-up in terms of deoxyribonucleic acid fragmentation as measured by the sperm chromatin dispersion test is altered in heavy smokers. <i>Fertility and Sterility</i> , 2007 , 88, 523-5	4.8	38
100	Assessment of embryo morphology and developmental dynamics by time-lapse microscopy: is there a relation to implantation and ploidy?. <i>Fertility and Sterility</i> , 2017 , 108, 722-729	4.8	37
99	Automatic time-lapse instrument is superior to single-point morphology observation for selecting viable embryos: retrospective study in oocyte donation. <i>Fertility and Sterility</i> , 2016 , 106, 1379-1385.e10	4.8	35
98	Is there a relationship between time-lapse parameters and embryo sex?. <i>Fertility and Sterility</i> , 2015 , 103, 396-401.e2	4.8	34
97	The effect of cancer on sperm DNA fragmentation as measured by the sperm chromatin dispersion test. <i>Fertility and Sterility</i> , 2008 , 90, 225-7	4.8	34
96	Effect of oocyte vitrification on embryo quality: time-lapse analysis and morphokinetic evaluation. <i>Fertility and Sterility</i> , 2017 , 108, 491-497.e3	4.8	32
95	Blastocyst development in single medium with or without renewal on day 3: a prospective cohort study on sibling donor oocytes in a time-lapse incubator. <i>Fertility and Sterility</i> , 2016 , 105, 707-713	4.8	29
94	What does morphokinetics add to embryo selection and in-vitro fertilization outcomes?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2015 , 27, 193-200	2.4	27
93	How much have we learned from time-lapse in clinical IVF?. <i>Molecular Human Reproduction</i> , 2016 , 22, 719-727	4.4	26
92	Transmembrane and truncated (SEC) isoforms of MUC1 in the human endometrium and Fallopian tube. <i>Reproductive Biology and Endocrinology</i> , 2003 , 1, 2	5	26
91	Assessment of sperm using mRNA microarray technology. <i>Fertility and Sterility</i> , 2013 , 99, 1008-22	4.8	25
90	Obstetric and perinatal outcomes of pregnancies conceived with embryos cultured in a time-lapse monitoring system. <i>Fertility and Sterility</i> , 2017 , 108, 498-504	4.8	24
89	A prospective, randomized, controlled trial comparing three different gonadotropin regimens in oocyte donors: ovarian response, in vitro fertilization outcome, and analysis of cost minimization. <i>Fertility and Sterility</i> , 2010 , 94, 958-64	4.8	23
88	High sperm DNA fragmentation delays human embryo kinetics when oocytes from young and healthy donors are microinjected. <i>Andrology</i> , 2018 , 6, 697-706	4.2	23

87	A combination of hydroxypropyl cellulose and trehalose as supplementation for vitrification of human oocytes: a retrospective cohort study. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 413-421	3.4	22
86	The human sperm glutathione system: a key role in male fertility and successful cryopreservation. <i>Drug Metabolism Letters</i> , 2007 , 1, 121-6	2.1	22
85	Study of nucleation status in the second cell cycle of human embryo and its impact on implantation rate. <i>Fertility and Sterility</i> , 2016 , 106, 291-299.e2	4.8	21
84	Cigarette smoking affects specific sperm oxidative defenses but does not cause oxidative DNA damage in infertile men. <i>Fertility and Sterility</i> , 2010 , 94, 631-7	4.8	20
83	Human immunodeficiency type-1 virus (HIV-1) infection in serodiscordant couples (SDCs) does not have an impact on embryo quality or intracytoplasmic sperm injection (ICSI) outcome. <i>Fertility and Sterility</i> , 2008 , 89, 141-50	4.8	20
82	Ontological evaluation of transcriptional differences between sperm of infertile males and fertile donors using microarray analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2010 , 27, 111-20	3.4	19
81	Smoking habits of parents and male: female ratio in spermatozoa and preimplantation embryos. <i>Human Reproduction</i> , 2005 , 20, 2517-22	5.7	19
80	Parameters affecting the results in a program of artificial insemination with donor sperm. A 12-year retrospective review of more than 1800 cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2004 , 21, 109-18	3.4	19
79	Combination of metabolism measurement and a time-lapse system provides an embryo selection method based on oxygen uptake and chronology of cytokinesis timing. <i>Fertility and Sterility</i> , 2016 , 106, 119-126.e2	4.8	19
78	Analysis of the morphological dynamics of blastocysts after vitrification/warming: defining new predictive variables of implantation. <i>Fertility and Sterility</i> , 2017 , 108, 659-666.e4	4.8	18
77	Morphologic indicators predict the stage of chromatin condensation of human germinal vesicle oocytes recovered from stimulated cycles. <i>Fertility and Sterility</i> , 2010 , 93, 2557-64	4.8	18
76	Time of morulation and trophectoderm quality are predictors of a live birth after euploid blastocyst transfer: a multicenter study. <i>Fertility and Sterility</i> , 2019 , 112, 1080-1093.e1	4.8	16
75	Report of results obtained in 2,934 women using donor sperm: donor insemination versus in vitro fertilization according to indication. <i>Fertility and Sterility</i> , 2011 , 96, 1134-7	4.8	15
74	A new system of sperm cryopreservation: evaluation of survival, motility, DNA oxidation, and mitochondrial activity. <i>Andrology</i> , 2019 , 7, 293-301	4.2	14
73	Sperm chromosomal abnormalities and their contribution to human embryo aneuploidy. <i>Biology of Reproduction</i> , 2019 , 101, 1091-1101	3.9	14
72	The effectiveness of modified sperm washes in severely oligoasthenozoospermic men infected with human immunodeficiency and hepatitis C viruses. <i>Fertility and Sterility</i> , 2006 , 86, 1544-6	4.8	14
71	Time-lapse imaging: the state of the art. <i>Biology of Reproduction</i> , 2019 , 101, 1146-1154	3.9	13
70	Session 57: Time lapse: the real revolution for embryo assessment?. <i>Human Reproduction</i> , 2013 , 28, i87-i90	3.0	13

69	First report of the absence of viral load in testicular sperm samples obtained from men with hepatitis C and HIV after washing and their subsequent use. <i>Fertility and Sterility</i> , 2009 , 92, 1012-1015	4.8	13
68	Testicular sperm extraction (TESE) and intracytoplasmic sperm injection (ICSI) in hypogonadotropic hypogonadism with persistent azoospermia after hormonal therapy. <i>Journal of Assisted Reproduction and Genetics</i> , 2004 , 21, 91-4	3.4	13
67	SESSION 69: EMBRYOLOGY - CAUSE AND EFFECT OF BAD TIMING. <i>Human Reproduction</i> , 2012 , 27, ii103-ii105	10.5	13
66	Novel and conventional embryo parameters as input data for artificial neural networks: an artificial intelligence model applied for prediction of the implantation potential. <i>Fertility and Sterility</i> , 2020 , 114, 1232-1241	4.8	13
65	Selection of preimplantation embryos using time-lapse microscopy in in vitro fertilization: State of the technology and future directions. <i>Birth Defects Research</i> , 2018 , 110, 648-653	2.9	12
64	Paving the way for a gold standard of care for infertility treatment: improving outcomes through standardization of laboratory procedures. <i>Reproductive BioMedicine Online</i> , 2017 , 35, 391-399	4	12
63	Obstetric and perinatal outcome of babies born from sperm selected by MACS from a randomized controlled trial. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 201-207	3.4	12
62	Time-lapse technology: evaluation of embryo quality and new markers for embryo selection. <i>Expert Review of Obstetrics and Gynecology</i> , 2012 , 7, 175-190		12
61	MUC1 in human testis and ejaculated spermatozoa and its relationship to male fertility status. <i>Fertility and Sterility</i> , 2008 , 90, 450-2	4.8	12
60	ASSISTED REPRODUCTION IN HIV AND HCV INFECTED MEN OF SERODISCORDANT COUPLES. <i>Archives of Andrology</i> , 2004 , 50, 105-111		12
59	A comparison of morphokinetic markers predicting blastocyst formation and implantation potential from two large clinical data sets. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 637-646	3.4	11
58	Morphokinetics as a predictor of self-correction to diploidy in tripronucleated intracytoplasmic sperm injection-derived human embryos. <i>Fertility and Sterility</i> , 2015 , 104, 728-35	4.8	11
57	Sperm lipidic profiles differ significantly between ejaculates resulting in pregnancy or not following intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 1973-1985	3.4	11
56	Systematic review on clinical outcomes following selection of human preimplantation embryos with time-lapse monitoring. <i>Human Reproduction Update</i> , 2015 , 21, 153-4	15.8	11
55	Magnetic activated sorting selection (MACS) of non-apoptotic sperm (NAS) improves pregnancy rates in homologous intrauterine insemination (IUI). preliminary data. <i>Fertility and Sterility</i> , 2010 , 94, S14	4.8	11
54	In vitro fertilization with intracytoplasmic sperm injection for human immunodeficiency virus-1 serodiscordant couples. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 1121; author reply 1121-2	6.4	11
53	Female obesity increases the risk of miscarriage of euploid embryos. <i>Fertility and Sterility</i> , 2021 , 115, 1495-1502	4.8	10
52	Novel noninvasive embryo selection algorithm combining time-lapse morphokinetics and oxidative status of the spent embryo culture medium. <i>Fertility and Sterility</i> , 2019 , 111, 918-927.e3	4.8	9

51	Time-lapse: the remaining questions to be answered. <i>Fertility and Sterility</i> , 2016 , 105, 295-6	4.8	9
50	Use of washed sperm for assisted reproduction in HIV-positive males without checking viral absence. A risky business?. <i>Human Reproduction</i> , 2006 , 21, 567-8; author reply 568	5.7	8
49	An artificial intelligence model based on the proteomic profile of euploid embryos and blastocyst morphology: a preliminary study. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 340-350	4	8
48	Relevance of testicular sperm DNA oxidation for the outcome of ovum donation cycles. <i>Fertility and Sterility</i> , 2010 , 94, 979-88	4.8	7
47	Bleeding during transfer is the only parameter of patient anatomy and embryo quality that affects reproductive outcome: a prospective study. <i>Fertility and Sterility</i> , 2009 , 92, 953-955	4.8	7
46	Flow cytometry in human reproductive biology. <i>Gynecological Endocrinology</i> , 2002 , 16, 505-521	2.4	7
45	Blastocyst collapse as an embryo marker of low implantation potential: a time-lapse multicentre study. <i>Zygote</i> , 2020 , 1-9	1.6	6
44	Increasing the success of assisted reproduction by defining sperm fertility markers and selecting sperm with the best molecular profile. <i>Expert Review of Obstetrics and Gynecology</i> , 2012 , 7, 347-362		6
43	Preimplantation genetic testing for aneuploidy in patients with partial X monosomy using their own oocytes: is this a suitable indication?. <i>Fertility and Sterility</i> , 2020 , 114, 346-353	4.8	5
42	A Strength, Weaknesses, Opportunities and Threats analysis on time lapse. <i>Current Opinion in Obstetrics and Gynecology</i> , 2019 , 31, 148-155	2.4	5
41	Effect of oocyte morphology on post-warming survival and embryo development in vitrified autologous oocytes. <i>Reproductive BioMedicine Online</i> , 2019 , 38, 313-320	4	5
40	ASSISTED REPRODUCTION IN HIV AND HCV INFECTED MEN OF SERODISCORDANT COUPLES. <i>Archives of Andrology</i> , 2004 , 50, 105-111		4
39	Gender selection: ethical, scientific, legal, and practical issues. <i>Journal of Assisted Reproduction and Genetics</i> , 2002 , 19, 443-6	3.4	4
38	Assessment of embryo implantation potential with a cloud-based automatic software. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 66-74	4	4
37	Time-lapse in the IVF lab: how should we assess potential benefit?. <i>Human Reproduction</i> , 2015 , 30, 1276	5.7	3
36	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	4.1	3
35	The most well kept secret, embryo culture media: a smart reveal from an expert. <i>Fertility and Sterility</i> , 2017 , 107, 910	4.8	2
34	Time-lapse technology combined with a novel automated analysis method for embryo selection; clinical validation. <i>Fertility and Sterility</i> , 2017 , 108, e239	4.8	2

33	Timing does not influence outcomes in double intrauterine insemination. <i>Fertility and Sterility</i> , 2001 , 76, S248	4.8	2
32	Blastocyst formation is similar in obese and normal weight women: a morphokinetic study. <i>Human Reproduction</i> , 2021 , 36, 3062-3073	5.7	2
31	Fertility technologies and how to optimize laboratory performance to support the shortening of time to birth of a healthy singleton: a Delphi consensus. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 1021-1043	3.4	2
30	The morphokinetic signature of mosaic embryos: evidence in support of their own genetic identity. <i>Fertility and Sterility</i> , 2021 , 116, 165-173	4.8	2
29	Focus on time-lapse analysis: blastocyst collapse and morphometric assessment as new features of embryo viability. <i>Reproductive BioMedicine Online</i> , 2021 , 43, 821-832	4	2
28	One for all or all for one? The evolution of embryo morphokinetics. <i>Fertility and Sterility</i> , 2017 , 107, 571-572	5.7	1
27	Reproductive issues for persons with HIV. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 190, 1489; author reply 1489-90	6.4	1
26	Reply of the authors:. <i>Fertility and Sterility</i> , 2004 , 82, 515	4.8	1
25	The use of morphokinetic as a predictor of implantation. <i>Minerva Obstetrics and Gynecology</i> , 2017 , 69, 555-567		1
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