

# Thomas Freour

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,353  
citations

236612

25  
h-index

233125

45  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Should artificial shrinkage be performed prior to blastocyst vitrification? A systematic review of the literature and meta-analysis. <i>Human Fertility</i> , 2022, 25, 24-32.	0.7	14
2	Is low anti-Mullerian hormone (AMH) level a risk factor of miscarriage in women <math>\leq 37</math> years old undergoing <i>in vitro</i> fertilization (IVF)?. <i>Human Fertility</i> , 2022, 25, 600-606.	0.7	5
3	Human blastoids model blastocyst development and implantation. <i>Nature</i> , 2022, 601, 600-605.	13.7	220
4	A time-lapse embryo dataset for morphokinetic parameter prediction. <i>Data in Brief</i> , 2022, 42, 108258.	0.5	9
5	What is the best strategy for slowly developing blastocysts?. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2022, , 102414.	0.6	0
6	Adaptive data-driven models to best predict the likelihood of live birth as the IVF cycle moves on and for each embryo transfer. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 1937-1949.	1.2	3
7	Results of <i>in vitro</i> fertilization versus intrauterine insemination in patients with low anti-Müllerian hormone levels. A single-center retrospective study of 639 + 119 cycles. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2021, 50, 101874.	0.6	3
8	Modification of late human embryo development after blastomere removal on day 3 for preimplantation genetic testing. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 121-126.	1.0	2
9	Time-lapse technology improves total cumulative live birth rate and shortens time to live birth as compared to conventional incubation system in couples undergoing ICSI. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 917-923.	1.2	7
10	ICSI does not improve reproductive outcomes in autologous ovarian response cycles with non-male factor subfertility: a need for clarification. <i>Human Reproduction</i> , 2021, 36, 1725-1726.	0.4	3
11	Association between blastocyst morphology and maternal first trimester serum markers in ongoing pregnancies obtained after single fresh blastocyst transfer. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 258, 63-69.	0.5	2
12	Time-Lapse Technology. , 2021, , 75-83.		0
13	Integrated pseudotime analysis of human pre-implantation embryo single-cell transcriptomes reveals the dynamics of lineage specification. <i>Cell Stem Cell</i> , 2021, 28, 1625-1640.e6.	5.2	108
14	Associations between human internal chemical exposure to Persistent Organic Pollutants (POPs) and <i>In Vitro</i> Fertilization (IVF) outcomes: Systematic review and evidence map of human epidemiological evidence. <i>Reproductive Toxicology</i> , 2021, 105, 184-197.	1.3	15
15	Comparison of two automated sperm analyzers using 2 different detection methods versus manual semen assessment. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2021, 50, 102084.	0.6	7
16	A pilot study comparing corifollitropin alfa associated with hp-HMG versus high dose rFSH antagonist protocols for ovarian stimulation in poor responders. <i>Human Fertility</i> , 2020, 23, 93-100.	0.7	1
17	Epigenetic homogeneity in histone methylation underlies sperm programming for embryonic transcription. <i>Nature Communications</i> , 2020, 11, 3491.	5.8	21
18	Induction of Human Trophoblast Stem Cells from Somatic Cells and Pluripotent Stem Cells. <i>Cell Reports</i> , 2020, 33, 108419.	2.9	117

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19	Evolution of serum Anti-Müllerian Hormone (AMH) level in young women treated with chemotherapy for breast cancer according to basal AMH level. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 254, 132-137.	0.5	5
20	Data sharing: using blockchain and decentralized data technologies to unlock the potential of artificial intelligence: What can assisted reproduction learn from other areas of medicine?. <i>Fertility and Sterility</i> , 2020, 114, 927-933.	0.5	18
21	Predictive modeling in reproductive medicine: Where will the future of artificial intelligence research take us?. <i>Fertility and Sterility</i> , 2020, 114, 934-940.	0.5	27
22	Good practice recommendations for the use of time-lapse technology. <i>Human Reproduction Open</i> , 2020, 2020, hoaa008.	2.3	97
23	Development of automated annotation software for human embryo morphokinetics. <i>Human Reproduction</i> , 2020, 35, 557-564.	0.4	20
24	Performance of Day 5 KIDScore, morphokinetic prediction models of implantation and live birth after single blastocyst transfer. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2279-2285.	1.2	37
25	Female obesity is negatively associated with live birth rate following IVF: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2019, 25, 439-451.	5.2	220
26	Morphokinetic parameters in chromosomal translocation carriers undergoing preimplantation genetic testing. <i>Reproductive BioMedicine Online</i> , 2019, 38, 177-183.	1.1	5
27	Can time-lapse parameters predict embryo ploidy? A systematic review. <i>Reproductive BioMedicine Online</i> , 2018, 36, 380-387.	1.1	58
28	Parallel derivation of isogenic human primed and naive induced pluripotent stem cells. <i>Nature Communications</i> , 2018, 9, 360.	5.8	104
29	Is there an association between PAWP/WBP2NL sequence, expression, and distribution in sperm cells and fertilization failures in ICSI cycles?. <i>Molecular Reproduction and Development</i> , 2018, 85, 163-170.	1.0	3
30	Association between early $\beta$ hCG kinetics, blastocyst morphology and pregnancy outcome in a single-blastocyst transfer program. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 225, 189-193.	0.5	7
31	Revisiting the association between smoking and female fertility using the oocyte donation model. <i>Reproductive BioMedicine Online</i> , 2018, 37, 564-572.	1.1	6
32	Time-lapse imaging systems in IVF laboratories: a French national survey. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 2181-2186.	1.2	10
33	Ovarian reserve and response to stimulation in women undergoing fertility preservation according to malignancy type. <i>Reproductive BioMedicine Online</i> , 2018, 37, 201-207.	1.1	19
34	Validating Missing Proteins in Human Sperm Cells by Targeted Mass-Spectrometry- and Antibody-based Methods. <i>Journal of Proteome Research</i> , 2017, 16, 4340-4351.	1.8	21
35	Desire for a child and eating disorders in women seeking infertility treatment. <i>PLoS ONE</i> , 2017, 12, e0178848.	1.1	11
36	Adverse pregnancy and neo-natal outcomes after assisted reproductive treatment in patients with pelvic endometriosis: a case-control study. <i>Reproductive BioMedicine Online</i> , 2016, 32, 626-634.	1.1	42

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37	PLCÎ¶ sequence, protein levels, and distribution in human sperm do not correlate with semen characteristics and fertilization rates after ICSI. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 747-756.	1.2	35
38	Looking for Missing Proteins in the Proteome of Human Spermatozoa: An Update. <i>Journal of Proteome Research</i> , 2016, 15, 3998-4019.	1.8	66
39	Leptin and its potential interest in assisted reproduction cycles. <i>Human Reproduction Update</i> , 2016, 22, 320-341.	5.2	55
40	Automated and manual sperm analysis: united we stand, divided we fall. <i>Andrologia</i> , 2015, 47, 725-726.	1.0	0
41	Systematic review on clinical outcomes following selection of human preimplantation embryos with time-lapse monitoring. <i>Human Reproduction Update</i> , 2015, 21, 153-154.	5.2	11
42	External validation of a time-lapse prediction model. <i>Fertility and Sterility</i> , 2015, 103, 917-922.	0.5	72
43	Time-lapse in the IVF lab: how should we assess potential benefit?. <i>Human Reproduction</i> , 2015, 30, 1276-1276.	0.4	5
44	Effects of female increased body mass index on in vitro fertilization cycles outcome. <i>Obesity Research and Clinical Practice</i> , 2015, 9, 382-388.	0.8	40
45	Does sperm origin affect embryo morphokinetic parameters?. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 1325-1332.	1.2	20
46	Double-blind prospective study comparing two automated sperm analyzers versus manual semen assessment. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 35-43.	1.2	38
47	Morphokinetic parameters of ICSI tripronucleated embryos observed using time lapse. <i>Reproductive BioMedicine Online</i> , 2014, 28, 658-660.	1.1	6
48	Proficiency in oocyte retrieval assessed by the learning curve cumulative summation test. <i>Reproductive BioMedicine Online</i> , 2014, 29, 187-192.	1.1	6
49	Complex and time-consuming laboratory modifications are not always necessary to improve outcome. <i>Asian Journal of Andrology</i> , 2014, 16, 918.	0.8	0
50	Comparison of embryo morphokinetics after in vitro fertilization-intracytoplasmic sperm injection in smoking and nonsmoking women. <i>Fertility and Sterility</i> , 2013, 99, 1944-1950.	0.5	88
51	Is the debate about single or double embryo transfer following in vitro fertilisation really an ethical dilemma?. <i>Clinical Ethics</i> , 2013, 8, 61-69.	0.5	1
52	Comparative proteomic analysis coupled with conventional protein assay as a strategy to identify predictors of successful testicular sperm extraction in patients with non-obstructive azoospermia. <i>Andrology</i> , 2013, 1, 414-420.	1.9	27
53	Sperm banking and assisted reproductive outcome in men with cancer: a 10 years' experience. <i>International Journal of Clinical Oncology</i> , 2012, 17, 598-603.	1.0	28
54	Computer-assisted sperm analysis parameters in young fertile sperm donors and relationship with age. <i>Systems Biology in Reproductive Medicine</i> , 2012, 58, 102-106.	1.0	17

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55	Ovarian Reserve in Young Women of Reproductive Age with Crohn's Disease. Inflammatory Bowel Diseases, 2012, 18, 1515-1522.	0.9	47
56	Ovarian reserve and in vitro fertilization cycles outcome according to women smoking status and stimulation regimen. Archives of Gynecology and Obstetrics, 2012, 285, 1177-1182.	0.8	46
57	Smoking among French infertility specialists: habits, opinions and patients' management. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2011, 155, 44-48.	0.5	4
58	Predictive factors of healthy term birth after single blastocyst transfer. Human Reproduction, 2011, 26, 1220-1226.	0.4	24
59	IVF conversion to IUI in poor responders: an observational study. Archives of Gynecology and Obstetrics, 2010, 282, 445-449.	0.8	14
60	A cycle-based model to predict blastocyst transfer cancellation. Human Reproduction, 2010, 25, 598-604.	0.4	24
61	How soon can I be proficient in embryo transfer? Lessons from the cumulative summation test for learning curve (LC-CUSUM). Human Reproduction, 2010, 25, 380-386.	0.4	42
62	Computer-Assisted Sperm Analysis (CASA) parameters and their evolution during preparation as predictors of pregnancy in intrauterine insemination with frozen-thawed donor semen cycles. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2010, 149, 186-189.	0.5	27
63	Predictive value of ovarian reserve markers in smoking and non-smoking women undergoing IVF. Reproductive BioMedicine Online, 2010, 20, 857-860.	1.1	9
64	Monozygotic triplet pregnancies after single blastocyst transfer: two cases and literature review. Reproductive BioMedicine Online, 2010, 21, 283-289.	1.1	20
65	Predictive value of CASA parameters in IUI with frozen donor sperm. Journal of Developmental and Physical Disabilities, 2009, 32, 498-504.	3.6	28
66	TACE inhibition amplifies TNF-alpha-mediated colonic epithelial barrier disruption. International Journal of Molecular Medicine, 2009, 23, 41-8.	1.8	32
67	Active smoking compromises IVF outcome and affects ovarian reserve. Reproductive BioMedicine Online, 2008, 16, 96-102.	1.1	148
68	Measurement of serum Anti-Müllerian Hormone by Beckman Coulter ELISA and DSL ELISA: Comparison and relevance in Assisted Reproduction Technology (ART). Clinica Chimica Acta, 2007, 375, 162-164.	0.5	114