

Danilo Cimadomo

List of Publications by Year in descending order

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Version: 2024-02-01

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136950

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Clinical, obstetric and perinatal outcomes after vitrified-warmed euploid blastocyst transfer are independent of cryo-storage duration. Reproductive BioMedicine Online, 2022, 44, 221-227.	2.4	7
2	Inter-centre reliability in embryo grading across several IVF clinics is limited: implications for embryo selection. Reproductive BioMedicine Online, 2022, 44, 39-48.	2.4	21
3	Lights and shadows of preimplantation genetic testing for aneuploidy: better focusing on the accurate report of nonmosaic aneuploidies. Fertility and Sterility, 2022, 117, 324-325.	1.0	0
4	Second stimulation in the same ovarian cycle: an option to fully-personalize the treatment in poor prognosis patients undergoing PGT-A. Journal of Assisted Reproduction and Genetics, 2022, 39, 663-673.	2.5	12
5	Maternal effect factors that contribute to oocytes developmental competence: an update. Journal of Assisted Reproduction and Genetics, 2022, 39, 861-871.	2.5	14
6	How slow is too slow? A comprehensive portrait of Day 7 blastocysts and their clinical value standardized through artificial intelligence. Human Reproduction, 2022, 37, 1134-1147.	0.9	11
7	The journey from oogenesis to implantation and beyond: a special issue of JARG by the Italian Society of Embryology, Reproduction and Research (SIERR). Journal of Assisted Reproduction and Genetics, 2022, 39, 781-782.	2.5	0
8	Personalized Nutrition in the Management of Female Infertility: New Insights on Chronic Low-Grade Inflammation. Nutrients, 2022, 14, 1918.	4.1	19
9	The Role of Antihyperglycemic Drugs and Diet on Erectile Function: Results from a Perspective Study on a Population with Prediabetes and Diabetes. Journal of Clinical Medicine, 2022, 11, 3382.	2.4	6
10	Blastulation rates of sibling oocytes in two IVF culture media: an evidence-based workflow to implement newly commercialized products. Reproductive BioMedicine Online, 2021, 42, 311-322.	2.4	3
11	When embryology meets genetics: the definition of developmentally incompetent preimplantation embryos (DIPE) – the consensus of two Italian scientific societies. Journal of Assisted Reproduction and Genetics, 2021, 38, 319-331.	2.5	3
12	Endometriosis shows no impact on the euploid blastocyst rate per cohort of inseminated metaphase-II oocytes: A case-control study. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2021, 256, 205-210.	1.1	8
13	Reply: “Second stimulation in the same ovarian cycle”™, probably a terminology more appropriate than “luteal phase stimulation”™ in the DuoStim protocol. Human Reproduction, 2021, 36, 1723-1724.	0.9	2
14	Leave the past behind: women’s reproductive history shows no association with blastocysts’ euploidy and limited association with live birth rates after euploid embryo transfers. Human Reproduction, 2021, 36, 929-940.	0.9	33
15	Oocyte competence is independent of the ovulation trigger adopted: a large observational study in a setting that entails vitrified-warmed single euploid blastocyst transfer. Journal of Assisted Reproduction and Genetics, 2021, 38, 1419-1427.	2.5	9
16	Is it in our patients’ blood? On a quest for predictors of blastocysts’ aneuploidy rate. Fertility and Sterility, 2021, 115, 888-889.	1.0	0
17	Clinical validity and utility of preconception expanded carrier screening for the management of reproductive genetic risk in IVF and general population. Human Reproduction, 2021, 36, 2050-2061.	0.9	27
18	Recombinant human luteinizing hormone co-treatment in ovarian stimulation for assisted reproductive technology in women of advanced reproductive age: a systematic review and meta-analysis of randomized controlled trials. Reproductive Biology and Endocrinology, 2021, 19, 91.	3.3	21

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19	Maternal body mass index associates with blastocyst euploidy and live birth rates: the tip of an iceberg?. Reproductive BioMedicine Online, 2021, 43, 645-654.	2.4	12
20	Measuring success in IVF is a complex multidisciplinary task: time for a consensus?. Reproductive BioMedicine Online, 2021, 43, 775-778.	2.4	16
21	The Impact of Unbalanced Maternal Nutritional Intakes on Oocyte Mitochondrial Activity: Implications for Reproductive Function. Antioxidants, 2021, 10, 91.	5.1	14
22	Mosaic human preimplantation embryos and their developmental potential in a prospective, non-selection clinical trial. American Journal of Human Genetics, 2021, 108, 2238-2247.	6.2	112
23	Similar miRNomic signatures characterize the follicular fluids collected after follicular and luteal phase stimulations in the same ovarian cycle. Journal of Assisted Reproduction and Genetics, 2020, 37, 149-158.	2.5	11
24	The effect of ICSI-related procedural timings and operators on the outcome. Human Reproduction, 2020, 35, 32-43.	0.9	43
25	Luteal phase after conventional stimulation in the same ovarian cycle might improve the management of poor responder patients fulfilling the Bologna criteria: a case series. Fertility and Sterility, 2020, 113, 121-130.	1.0	46
26	The euploid blastocysts obtained after luteal phase stimulation show the same clinical, obstetric and perinatal outcomes as follicular phase stimulation-derived ones: a multicenter study. Human Reproduction, 2020, 35, 2598-2608.	0.9	31
27	IUI and uterine lavage of in vivo-produced blastocysts for PGT purposes: is it a technically and ethically reasonable perspective? Is it actually needed?. Journal of Assisted Reproduction and Genetics, 2020, 37, 1579-1582.	2.5	3
28	Multicenter prospective study of concordance between embryonic cell-free DNA and trophectoderm biopsies from 1301 human blastocysts. American Journal of Obstetrics and Gynecology, 2020, 223, 751.e1-751.e13.	1.3	75
29	ESHRE PGT Consortium and SIG Embryology good practice recommendations for polar body and embryo biopsy for PGT. Human Reproduction Open, 2020, 2020, hoaa020.	5.4	68
30	Which key performance indicators are most effective in evaluating and managing an in vitro fertilization laboratory?. Fertility and Sterility, 2020, 114, 9-15.	1.0	21
31	Assessment and management of the risk of SARS-CoV-2 infection in an IVF laboratory. Reproductive BioMedicine Online, 2020, 41, 385-394.	2.4	30
32	DuoStim – a reproducible strategy to obtain more oocytes and competent embryos in a short time-frame aimed at fertility preservation and IVF purposes. A systematic review. Upsala Journal of Medical Sciences, 2020, 125, 121-130.	0.9	33
33	Definition of a clinical strategy to enhance the efficacy, efficiency and safety of egg donation cycles with imported vitrified oocytes. Human Reproduction, 2020, 35, 785-795.	0.9	17
34	Incidence, Origin, and Predictive Model for the Detection and Clinical Management of Segmental Aneuploidies in Human Embryos. American Journal of Human Genetics, 2020, 106, 525-534.	6.2	60
35	The dawn of the future: 30 years from the first biopsy of a human embryo. The detailed history of an ongoing revolution. Human Reproduction Update, 2020, 26, 453-473.	10.8	35
36	Human Blastocyst Biopsy and Vitrification. Journal of Visualized Experiments, 2019, , .	0.3	16

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37	Definition and validation of a custom protocol to detect miRNAs in the spent media after blastocyst culture: searching for biomarkers of implantation. <i>Human Reproduction</i> , 2019, 34, 1746-1761.	0.9	21
38	Looking past the appearance: a comprehensive description of the clinical contribution of poor-quality blastocysts to increase live birth rates during cycles with aneuploidy testing. <i>Human Reproduction</i> , 2019, 34, 1206-1214.	0.9	46
39	Chromosome errors in human eggs shape natural fertility over reproductive life span. <i>Science</i> , 2019, 365, 1466-1469.	12.6	239
40	The main will of the patients of a private Italian IVF clinic for their aneuploid/affected blastocysts would be donation to research: a currently forbidden choice. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 1555-1560.	2.5	7
41	Embryonic cell-free DNA versus trophoctoderm biopsy for aneuploidy testing: concordance rate and clinical implications. <i>Fertility and Sterility</i> , 2019, 112, 510-519.	1.0	73
42	A brief history of oocyte cryopreservation: Arguments and facts. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 550-558.	2.8	61
43	Advanced Maternal Age in IVF: Still a Challenge? The Present and the Future of Its Treatment. <i>Frontiers in Endocrinology</i> , 2019, 10, 94.	3.5	103
44	Time of morulation and trophoctoderm quality are predictors of a live birth after euploid blastocyst transfer: a multicenter study. <i>Fertility and Sterility</i> , 2019, 112, 1080-1093.e1.	1.0	46
45	What is new in the management of poor ovarian response in IVF?. <i>Current Opinion in Obstetrics and Gynecology</i> , 2018, 30, 155-162.	2.0	90
46	Continuous embryo culture elicits higher blastulation but similar cumulative delivery rates than sequential: a large prospective study. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1329-1338.	2.5	31
47	Associations of blastocyst features, trophoctoderm biopsy and other laboratory practice with post-warming behavior and implantation. <i>Human Reproduction</i> , 2018, 33, 1992-2001.	0.9	66
48	Diagnostic efficacy of blastocoel fluid and spent media as sources of DNA for preimplantation genetic testing in standard clinical conditions. <i>Fertility and Sterility</i> , 2018, 110, 870-879.e5.	1.0	67
49	Inconclusive chromosomal assessment after blastocyst biopsy: prevalence, causative factors and outcomes after re-biopsy and re-vitrification. A multicenter experience. <i>Human Reproduction</i> , 2018, 33, 1839-1846.	0.9	57
50	Biochemical pregnancy loss after frozen embryo transfer seems independent of embryo developmental stage and chromosomal status. <i>Reproductive BioMedicine Online</i> , 2018, 37, 349-357.	2.4	26
51	Luteal phase anovulatory follicles result in the production of competent oocytes: intra-patient paired case-control study comparing follicular versus luteal phase stimulations in the same ovarian cycle. <i>Human Reproduction</i> , 2018, 33, 1442-1448.	0.9	89
52	Double Stimulation in the Same Ovarian Cycle (DuoStim) to Maximize the Number of Oocytes Retrieved From Poor Prognosis Patients: A Multicenter Experience and SWOT Analysis. <i>Frontiers in Endocrinology</i> , 2018, 9, 317.	3.5	104
53	Impact of Maternal Age on Oocyte and Embryo Competence. <i>Frontiers in Endocrinology</i> , 2018, 9, 327.	3.5	281
54	Preimplantation genetic diagnosis for aneuploidy testing in women older than 44 years: a multicenter experience. <i>Fertility and Sterility</i> , 2017, 107, 1173-1180.	1.0	63

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55	Effect of the male factor on the clinical outcome of intracytoplasmic sperm injection combined with preimplantation aneuploidy testing: observational longitudinal cohort study of 1,219 consecutive cycles. <i>Fertility and Sterility</i> , 2017, 108, 961-972.e3.	1.0	125
56	Human female meiosis revised: new insights into the mechanisms of chromosome segregation and aneuploidies from advanced genomics and time-lapse imaging. <i>Human Reproduction Update</i> , 2017, 23, 706-722.	10.8	159
57	Abnormally fertilized oocytes can result in healthy live births: improved genetic technologies for preimplantation genetic testing can be used to rescue viable embryos in in vitro fertilization cycles. <i>Fertility and Sterility</i> , 2017, 108, 1007-1015.e3.	1.0	44
58	Polar Body, Cleavage Stage and Trophectoderm Biopsy. , 2017, , 245-258.		0
59	The Impact of Biopsy on Human Embryo Developmental Potential during Preimplantation Genetic Diagnosis. <i>BioMed Research International</i> , 2016, 2016, 1-10.	1.9	137
60	Failure mode and effects analysis of witnessing protocols for ensuring traceability during PGD/PGS cycles. <i>Reproductive BioMedicine Online</i> , 2016, 33, 360-369.	2.4	18
61	Follicular versus luteal phase ovarian stimulation during the same menstrual cycle (DuoStim) in a reduced ovarian reserve population results in a similar euploid blastocyst formation rate: new insight in ovarian reserve exploitation. <i>Fertility and Sterility</i> , 2016, 105, 1488-1495.e1.	1.0	187
62	Human Embryos Created by Embryo Splitting Secrete Significantly Lower Levels of miRNA-30c. <i>Stem Cells and Development</i> , 2016, 25, 1853-1862.	2.1	16
63	Pre-implantation genetic testing in ART: who will benefit and what is the evidence?. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1273-1278.	2.5	32
64	Implementing PGD/PGD-A in IVF clinics: considerations for the best laboratory approach and management. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1279-1286.	2.5	36
65	Consistent and reproducible outcomes of blastocyst biopsy and aneuploidy screening across different biopsy practitioners: a multicentre study involving 2586 embryo biopsies. <i>Human Reproduction</i> , 2016, 31, 199-208.	0.9	91
66	MicroRNAs in spent blastocyst culture medium are derived from Trophectoderm cells and can be explored for human embryo reproductive competence assessment. <i>Fertility and Sterility</i> , 2016, 105, 225-235.e3.	1.0	129
67	Reduction of multiple pregnancies in the advanced maternal age population after implementation of an elective single embryo transfer policy coupled with enhanced embryo selection: pre- and post-intervention study. <i>Human Reproduction</i> , 2015, 30, 2097-2106.	0.9	105
68	Genome-wide maps of recombination and chromosome segregation in human oocytes and embryos show selection for maternal recombination rates. <i>Nature Genetics</i> , 2015, 47, 727-735.	21.4	229
69	Comparison of array comparative genomic hybridization and quantitative real-time PCR-based aneuploidy screening of blastocyst biopsies. <i>European Journal of Human Genetics</i> , 2015, 23, 901-906.	2.8	104
70	Correlation between standard blastocyst morphology, euploidy and implantation: an observational study in two centers involving 956 screened blastocysts. <i>Human Reproduction</i> , 2014, 29, 1173-1181.	0.9	419