

Danilo Cimadomo

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,142
citations

136740

32
h-index

123241

61
g-index

71
all docs

71
docs citations

71
times ranked

2975
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical, obstetric and perinatal outcomes after vitrified-warmed euploid blastocyst transfer are independent of cryo-storage duration. <i>Reproductive BioMedicine Online</i> , 2022, 44, 221-227.	1.1	7
2	Inter-centre reliability in embryo grading across several IVF clinics is limited: implications for embryo selection. <i>Reproductive BioMedicine Online</i> , 2022, 44, 39-48.	1.1	21
3	Lights and shadows of preimplantation genetic testing for aneuploidy: better focusing on the accurate report of nonmosaic aneuploidies. <i>Fertility and Sterility</i> , 2022, 117, 324-325.	0.5	0
4	Second stimulation in the same ovarian cycle: an option to fully-personalize the treatment in poor prognosis patients undergoing PGT-A. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 663-673.	1.2	12
5	Maternal effect factors that contribute to oocytes developmental competence: an update. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 861-871.	1.2	14
6	How slow is too slow? A comprehensive portrait of Day 7 blastocysts and their clinical value standardized through artificial intelligence. <i>Human Reproduction</i> , 2022, 37, 1134-1147.	0.4	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). <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 781-782.	1.2	0
8	Personalized Nutrition in the Management of Female Infertility: New Insights on Chronic Low-Grade Inflammation. <i>Nutrients</i> , 2022, 14, 1918.	1.7	19
9	The Role of Antihyperglycemic Drugs and Diet on Erectile Function: Results from a Perspective Study on a Population with Prediabetes and Diabetes. <i>Journal of Clinical Medicine</i> , 2022, 11, 3382.	1.0	6
10	Blastulation rates of sibling oocytes in two IVF culture media: an evidence-based workflow to implement newly commercialized products. <i>Reproductive BioMedicine Online</i> , 2021, 42, 311-322.	1.1	3
11	When embryology meets genetics: the definition of developmentally incompetent preimplantation embryos (DIPE) – the consensus of two Italian scientific societies. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 319-331.	1.2	3
12	Endometriosis shows no impact on the euploid blastocyst rate per cohort of inseminated metaphase-II oocytes: A case-control study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 256, 205-210.	0.5	8
13	Reply: “Second stimulation in the same ovarian cycle”, probably a terminology more appropriate than “luteal phase stimulation” in the DuoStim protocol. <i>Human Reproduction</i> , 2021, 36, 1723-1724.	0.4	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. <i>Human Reproduction</i> , 2021, 36, 929-940.	0.4	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. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1419-1427.	1.2	9
16	Is it in our patients’ blood? On a quest for predictors of blastocysts’ aneuploidy rate. <i>Fertility and Sterility</i> , 2021, 115, 888-889.	0.5	0
17	Clinical validity and utility of preconception expanded carrier screening for the management of reproductive genetic risk in IVF and general population. <i>Human Reproduction</i> , 2021, 36, 2050-2061.	0.4	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. <i>Reproductive Biology and Endocrinology</i> , 2021, 19, 91.	1.4	21

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19	Maternal body mass index associates with blastocyst euploidy and live birth rates: the tip of an iceberg?. <i>Reproductive BioMedicine Online</i> , 2021, 43, 645-654.	1.1	12
20	Measuring success in IVF is a complex multidisciplinary task: time for a consensus?. <i>Reproductive BioMedicine Online</i> , 2021, 43, 775-778.	1.1	16
21	The Impact of Unbalanced Maternal Nutritional Intakes on Oocyte Mitochondrial Activity: Implications for Reproductive Function. <i>Antioxidants</i> , 2021, 10, 91.	2.2	14
22	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
23	Similar miRNomic signatures characterize the follicular fluids collected after follicular and luteal phase stimulations in the same ovarian cycle. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 149-158.	1.2	11
24	The effect of ICSI-related procedural timings and operators on the outcome. <i>Human Reproduction</i> , 2020, 35, 32-43.	0.4	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. <i>Fertility and Sterility</i> , 2020, 113, 121-130.	0.5	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. <i>Human Reproduction</i> , 2020, 35, 2598-2608.	0.4	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?. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1579-1582.	1.2	3
28	Multicenter prospective study of concordance between embryonic cell-free DNA and trophoctoderm biopsies from 1301 human blastocysts. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 751.e1-751.e13.	0.7	75
29	ESHRE PGT Consortium and SIG Embryology good practice recommendations for polar body and embryo biopsy for PGT. <i>Human Reproduction Open</i> , 2020, 2020, hoaa020.	2.3	68
30	Which key performance indicators are most effective in evaluating and managing an in vitro fertilization laboratory?. <i>Fertility and Sterility</i> , 2020, 114, 9-15.	0.5	21
31	Assessment and management of the risk of SARS-CoV-2 infection in an IVF laboratory. <i>Reproductive BioMedicine Online</i> , 2020, 41, 385-394.	1.1	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. <i>Upsala Journal of Medical Sciences</i> , 2020, 125, 121-130.	0.4	33
33	Definition of a clinical strategy to enhance the efficacy, efficiency and safety of egg donation cycles with imported vitrified oocytes. <i>Human Reproduction</i> , 2020, 35, 785-795.	0.4	17
34	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
35	The dawn of the future: 30 years from the first biopsy of a human embryo. The detailed history of an ongoing revolution. <i>Human Reproduction Update</i> , 2020, 26, 453-473.	5.2	35
36	Human Blastocyst Biopsy and Vitrification. <i>Journal of Visualized Experiments</i> , 2019, .	0.2	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.	0.4	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.	0.4	46
39	Chromosome errors in human eggs shape natural fertility over reproductive life span. <i>Science</i> , 2019, 365, 1466-1469.	6.0	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.	1.2	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.	0.5	73
42	A brief history of oocyte cryopreservation: Arguments and facts. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2019, 98, 550-558.	1.3	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.	1.5	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.	0.5	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.	0.9	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.	1.2	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.	0.4	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.	0.5	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.	0.4	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.	1.1	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.	0.4	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.	1.5	104
53	Impact of Maternal Age on Oocyte and Embryo Competence. <i>Frontiers in Endocrinology</i> , 2018, 9, 327.	1.5	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.	0.5	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.	0.5	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.	5.2	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.	0.5	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.	0.9	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.	1.1	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.	0.5	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.	1.1	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.	1.2	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.	1.2	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.	0.4	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.	0.5	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.	0.4	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.	9.4	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.	1.4	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.	0.4	419