

Lodovico Parmegiani

List of Publications by Year in descending order

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59
papers

1,679
citations

393982

19
h-index

288905

40
g-index

59
all docs

59
docs citations

59
times ranked

1066
citing authors

#	ARTICLE	IF	CITATIONS
1	“Physiologic ICSI” Hyaluronic acid (HA) favors selection of spermatozoa without DNA fragmentation and with normal nucleus, resulting in improvement of embryo quality. <i>Fertility and Sterility</i> , 2010, 93, 598-604.	0.5	224
2	Efficiency of aseptic open vitrification and hermetical cryostorage of human oocytes. <i>Reproductive BioMedicine Online</i> , 2011, 23, 505-512.	1.1	133
3	The use of LH activity to drive folliculogenesis: exploring uncharted territories in ovulation induction. <i>Human Reproduction Update</i> , 2002, 8, 543-557.	5.2	123
4	Efficiency of hyaluronic acid (HA) sperm selection. <i>Journal of Assisted Reproduction and Genetics</i> , 2010, 27, 13-16.	1.2	114
5	Efficacy of low-dose human chorionic gonadotropin alone to complete controlled ovarian stimulation. <i>Fertility and Sterility</i> , 2005, 84, 394-401.	0.5	112
6	The Alpha consensus meeting on cryopreservation key performance indicators and benchmarks: proceedings of an expert meeting. <i>Reproductive BioMedicine Online</i> , 2012, 25, 146-167.	1.1	99
7	Sterilization of liquid nitrogen with ultraviolet irradiation for safe vitrification of human oocytes or embryos. <i>Fertility and Sterility</i> , 2010, 94, 1525-1528.	0.5	97
8	A prospective, randomized, controlled trial comparing highly purified hMG with recombinant FSH in women undergoing ICSI: ovarian response and clinical outcomes. <i>Human Reproduction</i> , 2003, 18, 1194-1199.	0.4	80
9	Freezing within 2 h from oocyte retrieval increases the efficiency of human oocyte cryopreservation when using a slow freezing/rapid thawing protocol with high sucrose concentration. <i>Human Reproduction</i> , 2008, 23, 1771-1777.	0.4	69
10	Comparison of two ready-to-use systems designed for sperm “hyaluronic acid binding selection before intracytoplasmic sperm injection: PICSi vs. Sperm Slow: a prospective, randomized trial. <i>Fertility and Sterility</i> , 2012, 98, 632-637.	0.5	68
11	Comparison of controlled ovarian stimulation with human menopausal gonadotropin or recombinant follicle-stimulating hormone. <i>Fertility and Sterility</i> , 2003, 80, 390-397.	0.5	56
12	Efficiency of human oocyte slow freezing: results from five assisted reproduction centres. <i>Reproductive BioMedicine Online</i> , 2009, 18, 352-359.	1.1	44
13	Long-term cryostorage does not adversely affect the outcome of oocyte thawing cycles. <i>Reproductive BioMedicine Online</i> , 2009, 19, 374-379.	1.1	43
14	A reliable procedure for decontamination before thawing of human specimens cryostored in liquid nitrogen: three washes with sterile liquid nitrogen (SLN2). <i>Fertility and Sterility</i> , 2012, 98, 870-875.	0.5	42
15	Ultra-violet sterilization of liquid nitrogen prior to vitrification. <i>Human Reproduction</i> , 2009, 24, 2969-2969.	0.4	39
16	Intracytoplasmic sperm injection pregnancy after low-dose human chorionic gonadotropin alone to support ovarian folliculogenesis. <i>Fertility and Sterility</i> , 2002, 78, 414-416.	0.5	35
17	Rapid warming increases survival of slow-frozen sibling oocytes: a step towards a single warming procedure irrespective of the freezing protocol?. <i>Reproductive BioMedicine Online</i> , 2014, 28, 614-623.	1.1	26
18	Impact of medically assisted fertility on preterm birth. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2005, 112, 113-117.	1.1	25

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19	Comprehensive protocol of traceability during IVF: the result of a multicentre failure mode and effect analysis. <i>Human Reproduction</i> , 2017, 32, 1612-1620.	0.4	24
20	Sperm Selection: Effect on Sperm DNA Quality. <i>Advances in Experimental Medicine and Biology</i> , 2014, 791, 151-172.	0.8	21
21	Testing the efficacy and efficiency of a single "universal warming protocol" for vitrified human embryos: prospective randomized controlled trial and retrospective longitudinal cohort study. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1887-1895.	1.2	20
22	Blastocyst formation, pregnancy, and birth derived from human oocytes cryopreserved for 5 years. <i>Fertility and Sterility</i> , 2008, 90, 2014.e7-2014.e10.	0.5	18
23	Risks in injecting hyaluronic acid non-bound spermatozoa. <i>Reproductive BioMedicine Online</i> , 2010, 20, 437-438.	1.1	14
24	Human Reproductive Cell Cryopreservation, Storage, Handling, and Transport: Risks and Risk Management. <i>Seminars in Reproductive Medicine</i> , 2018, 36, 265-272.	0.5	14
25	Impact of Italian legislation regulating assisted reproduction techniques on ICSI outcomes in severe male factor infertility: a multicentric survey. <i>Human Reproduction</i> , 2007, 22, 2481-2487.	0.4	13
26	"Universal Warming" protocol for vitrified oocytes to streamline cell exchange for transnational donation programs: a multi-center study. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1379-1385.	1.2	13
27	Hermetical goblets for cryostorage of human vitrified specimens. <i>Human Reproduction</i> , 2011, 26, 3204-3205.	0.4	12
28	Oocyte vitrification/storage/handling/transportation/warming, effect on survival and clinical results in donation programmes. <i>Current Trends in Clinical Embriology</i> , 2017, 4, 34.	0.1	11
29	A plea for a more physiological ICSI. <i>Andrologia</i> , 2012, 44, 2-19.	1.0	10
30	The effect of cryostorage duration on vitrified embryos: has vitrification suddenly become unsafe?. <i>Human Reproduction</i> , 2020, 35, 2632-2633.	0.4	7
31	Vitrification with UV-sterilized supercooled air. <i>Fertility and Sterility</i> , 2011, 95, e43.	0.5	6
32	SARS-CoV-2 persistence at subzero temperatures. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 779-781.	1.2	6
33	Are commercial warming kits interchangeable for vitrified human blastocysts? Further evidence for the adoption of a Universal Warming protocol. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 67-73.	1.2	6
34	Birth of a baby conceived from frozen oocytes of a 40-year-old woman. <i>Reproductive BioMedicine Online</i> , 2009, 18, 795-798.	1.1	4
35	Contamination of single-straw carrier for vitrification. <i>Fertility and Sterility</i> , 2011, 95, e69.	0.5	4
36	Efficacy and efficiency of the "universal warming protocol": multicenter randomized controlled study on human slow frozen oocytes. <i>Fertility and Sterility</i> , 2014, 102, e122.	0.5	4

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37	COVID-19 in liquid nitrogen: a potential danger still disregarded. <i>Human Reproduction</i> , 2021, 36, 260.	0.4	4
38	Changing perspectives on liquid nitrogen use and storage. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 783-784.	1.2	4
39	Vitrification carriers and European regulation. <i>Fertility and Sterility</i> , 2012, 97, e24.	0.5	3
40	New Advances in Intracytoplasmic Sperm Injection (ICSI). , 2012, , .		3
41	Hyaluronan-selected sperm should not be considered an add-on. <i>Lancet, The</i> , 2019, 394, 1319-1320.	6.3	3
42	Oocyte donation in Italy: effect on Spanish scenario. <i>Current Trends in Clinical Embriology</i> , 2017, 4, 41.	0.1	3
43	Efficacy of ultraviolet sterilization of liquid nitrogen. <i>Reproductive BioMedicine Online</i> , 2011, 22, 501.	1.1	2
44	Ultraviolet radiation dose. <i>Reproductive BioMedicine Online</i> , 2011, 22, 503.	1.1	2
45	Testing the efficiency of the "universal warming protocol". Multicenter randomised controlled study on human slow frozen oocytes. <i>Reproductive BioMedicine Online</i> , 2014, 28, S5.	1.1	2
46	A single "universal warming protocol" for vitrified human embryos: a randomized controlled study. <i>Fertility and Sterility</i> , 2017, 108, e173.	0.5	2
47	A monocentric analysis of the efficacy of extracellular cryoprotectants in unfrozen solutions for cleavage stage embryos. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 84.	1.4	2
48	Universal warming protocol for a transnational egg donation program with vitrified oocytes: a retrospective multi-centre study. <i>Fertility and Sterility</i> , 2019, 112, e11.	0.5	2
49	Transnational oocyte donation program: fresh versus vitrified oocytes. <i>Human Reproduction</i> , 2019, 34, 2551.	0.4	2
50	Cleavage stage vs. blastocyst transfer: a more considerate analysis suggested. <i>Human Reproduction</i> , 2020, 35, 2399-2400.	0.4	2
51	Back to the future: optimised microwell culture of individual human preimplantation stage embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2563-2574.	1.2	2
52	Risk of contamination with SARS-CoV-2 in ART. <i>Human Reproduction</i> , 2022, , .	0.4	2
53	Stimulation of folliculogenesis with low-dose human chorionic gonadotropin (hCG) alone in ovulation induction. <i>Fertility and Sterility</i> , 2004, 82, S3.	0.5	1
54	"universal warming protocol" for a transnational egg donation program with vitrified oocytes. <i>Fertility and Sterility</i> , 2018, 110, e230-e231.	0.5	1

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55	A Simple and Efficient Solution to Eliminate Evaporation in Mammalian Embryo Cultures. Cellular Reprogramming, 2021, 23, 316-318.	0.5	1
56	Chorionic gonadotropin and luteinizing hormone supplementation during ovarian stimulation. , 0, , 151-161.		0
57	Efficiency and Safety of Human Reproductive Cell/Tissue Vitrification. Journal of Reproductive and Stem Cell Biotechnology, 2012, 3, 22-40.	0.1	0
58	Open and closed carriers and the "sex of angels"™. Human Reproduction, 2020, 35, 734-734.	0.4	0
59	Use of Frozen Embryo Transfer During Fertility Treatment and Risk of Childhood Cancer. JAMA - Journal of the American Medical Association, 2020, 323, 1505.	3.8	0