

# Paolo Emanuele Levi-Setti

## List of Publications by Year in descending order

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108  
papers

2,483  
citations

186265

28  
h-index

243625

44  
g-index

118  
all docs

118  
docs citations

118  
times ranked

2319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryopreservation of supernumerary oocytes in IVF/ICSI cycles. <i>Human Reproduction</i> , 2006, 21, 370-375.	0.9	152
2	How to define, diagnose and treat poor responders? Responses from a worldwide survey of IVF clinics. <i>Reproductive BioMedicine Online</i> , 2015, 30, 581-592.	2.4	93
3	Treatment with human, recombinant FSH improves sperm DNA fragmentation in idiopathic infertile men depending on the FSH receptor polymorphism p.N680S: a pharmacogenetic study. <i>Human Reproduction</i> , 2016, 31, 1960-1969.	0.9	91
4	Chromosomal Abnormalities in Miscarriages after Different Assisted Reproduction Procedures. <i>Placenta</i> , 2008, 29, 126-128.	1.5	87
5	Multicenter observational study on slow-cooling oocyte cryopreservation: clinical outcome. <i>Fertility and Sterility</i> , 2010, 94, 1662-1668.	1.0	82
6	Appraisal of clinical complications after 23,827 oocyte retrievals in a large assisted reproductive technology program. <i>Fertility and Sterility</i> , 2018, 109, 1038-1043.e1.	1.0	81
7	Is Letrozole needed for controlled ovarian stimulation in patients with estrogen receptor-positive breast cancer?. <i>Gynecological Endocrinology</i> , 2013, 29, 993-996.	1.7	69
8	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
9	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
10	Human oocyte cryopreservation with slow freezing versus vitrification. Results from the National Italian Registry data, 2007-2011. <i>Fertility and Sterility</i> , 2014, 102, 90-95.e2.	1.0	61
11	Preimplantation Genetic Testing for Aneuploidy Improves Clinical, Gestational, and Neonatal Outcomes in Advanced Maternal Age Patients Without Compromising Cumulative Live-Birth Rate.. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2493-2504.	2.5	61
12	Ejaculate Oxidative Stress Is Related with Sperm DNA Fragmentation and Round Cells. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-6.	1.5	58
13	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
14	Efficacy of therapies and interventions for repeated embryo implantation failure: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 1747.	3.3	52
15	Evolution of human oocyte cryopreservation: slow freezing versus vitrification. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2016, 23, 445-450.	2.3	47
16	COVID-19 and ART: the view of the Italian Society of Fertility and Sterility and Reproductive Medicine. <i>Reproductive BioMedicine Online</i> , 2020, 40, 755-759.	2.4	47
17	Prenatal Diagnosis after ART Success: The Role of Early Combined Screening Tests in Counselling Pregnant Patients. <i>Placenta</i> , 2003, 24, S99-S103.	1.5	45
18	Sperm protein 17 is expressed in the sperm fibrous sheath. <i>Journal of Translational Medicine</i> , 2009, 7, 61.	4.4	44

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19	Comparative analysis of fetal and neonatal outcomes of pregnancies from fresh and cryopreserved/thawed oocytes in the same group of patients. <i>Fertility and Sterility</i> , 2013, 100, 396-401.	1.0	42
20	Correlation between follicular diameters and flushing versus no flushing on oocyte maturity, fertilization rate and embryo quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 73-77.	2.5	42
21	ART results with frozen oocytes: data from the Italian ART registry (2005-2013). <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 123-128.	2.5	42
22	A new, simple, automatic vitrification device: preliminary results with murine and bovine oocytes and embryos. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1161-1168.	2.5	41
23	The Impact of Embryo Transfer on Implantation – A Review. <i>Placenta</i> , 2003, 24, S20-S26.	1.5	40
24	Obstetric and perinatal outcomes following programmed compared to natural frozen-thawed embryo transfer cycles: a systematic review and meta-analysis. <i>Human Reproduction</i> , 2022, 37, 1619-1641.	0.9	40
25	Recombinant gonadotrophins associated with GnRH antagonist (cetorelix) in ovarian stimulation for ICSI: Comparison of r-FSH alone and in combination with r-LH. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2006, 126, 212-216.	1.1	34
26	Obstetric outcome and incidence of congenital anomalies in 2351 IVF/ICSI babies. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 711-717.	2.5	34
27	Coronavirus Disease-19 Infection: Implications on Male Fertility and Reproduction. <i>Frontiers in Physiology</i> , 2020, 11, 574761.	2.8	34
28	Implantation Failure in Assisted Reproduction Technology and a Critical Approach to Treatment. <i>Annals of the New York Academy of Sciences</i> , 2004, 1034, 184-199.	3.8	32
29	An Observational Retrospective Cohort Trial on 4,828 IVF Cycles Evaluating Different Low Prognosis Patients Following the POSEIDON Criteria. <i>Frontiers in Endocrinology</i> , 2019, 10, 282.	3.5	31
30	Clomiphene citrate versus high doses of gonadotropins for in vitro fertilisation in women with compromised ovarian reserve: a randomised controlled non-inferiority trial. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 114.	3.3	30
31	Oocyte Cryopreservation in Oncological Patients: Eighteen Years Experience of a Tertiary Care Referral Center. <i>Frontiers in Endocrinology</i> , 2019, 10, 600.	3.5	30
32	Cancer Risk in Male Factor-infertility. <i>Placenta</i> , 2008, 29, 178-183.	1.5	28
33	Low-Molecular-Weight Heparin in Women with Repeated Implantation Failure. <i>Women's Health</i> , 2011, 7, 425-431.	1.5	28
34	Italian Constitutional Court modifications of a restrictive assisted reproduction technology law significantly improve pregnancy rate. <i>Human Reproduction</i> , 2011, 26, 376-381.	0.9	28
35	Freeze/thaw stress induces organelle remodeling and membrane recycling in cryopreserved human mature oocytes. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 1559-1570.	2.5	28
36	Experimental contamination assessment of a novel closed ultravitrification device. <i>Fertility and Sterility</i> , 2011, 95, 1777-1779.	1.0	25

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37	Male age: negative impact on sperm DNA fragmentation. <i>Aging</i> , 2019, 11, 2749-2761.	3.1	25
38	The human factor: does the operator performing the embryo transfer significantly impact the cycle outcome?. <i>Human Reproduction</i> , 2020, 35, 275-282.	0.9	25
39	Is diminished ovarian reserve a risk factor for miscarriage? Results of a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2021, 27, 973-988.	10.8	25
40	New methods for cooling and storing oocytes and embryos in a clean environment of $\sim 196^{\circ}\text{C}$ . <i>Reproductive BioMedicine Online</i> , 2016, 33, 71-78.	2.4	24
41	ICSI outcome is significantly better with testicular spermatozoa in patients with necrozoospermia: a retrospective study. <i>Gynecological Endocrinology</i> , 2014, 30, 48-52.	1.7	23
42	Human recombinant follicle stimulating hormone (rFSH) compared to urinary human menopausal gonadotropin (HMG) for ovarian stimulation in assisted reproduction: a literature review and cost evaluation. <i>Journal of Endocrinological Investigation</i> , 2015, 38, 497-503.	3.3	22
43	Seven Years of Vitrified Blastocyst Transfers: Comparison of 3 Preparation Protocols at a Single ART Center. <i>Frontiers in Endocrinology</i> , 2020, 11, 346.	3.5	22
44	Oocyte Cryopreservation. <i>Placenta</i> , 2008, 29, 143-146.	1.5	20
45	Vaginal parturition decreases recurrence of endometriosis. <i>Fertility and Sterility</i> , 2010, 94, 850-855.	1.0	20
46	Results of in vitro fertilization in Italy after the introduction of a new law. <i>Fertility and Sterility</i> , 2008, 90, 1081-1086.	1.0	19
47	Human oocyte ultravitrification with a low concentration of cryoprotectants by ultrafast cooling: a new protocol. <i>Fertility and Sterility</i> , 2011, 95, 1101-1103.	1.0	19
48	Effect of superoxide dismutase supplementation on sperm DNA fragmentation. <i>Archivio Italiano Di Urologia Andrologia</i> , 2017, 89, 212.	0.8	19
49	Contribution of cryopreservation to the cumulative live birth rate: a large multicentric cycle-based data analysis from the Italian National Registry. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2287-2295.	2.5	19
50	First trimester pregnancy outcomes in a large IVF center from the Lombardy County (Italy) during the peak COVID-19 pandemic. <i>Scientific Reports</i> , 2021, 11, 16529.	3.3	19
51	No advantage of fresh blastocyst versus cleavage stage embryo transfer in women under the age of 39: a randomized controlled study. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 457-465.	2.5	18
52	Normal birth after transfer of cryopreserved human embryos generated by microinjection of cryopreserved testicular spermatozoa into cryopreserved human oocytes. <i>Fertility and Sterility</i> , 2005, 83, 1041.e9-1041.e10.	1.0	17
53	Preliminary evidence for high anti-PLAC1 antibody levels in infertile patients with repeated unexplained implantation failure. <i>Placenta</i> , 2013, 34, 335-339.	1.5	17
54	Proteomic profile of maternal-aged blastocoel fluid suggests a novel role for ubiquitin system in blastocyst quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 225-238.	2.5	17

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55	Pro-inflammatory M1/Th1 type immune network and increased expression of TSG-6 in the eutopic endometrium from women with endometriosis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 218, 99-105.	1.1	17
56	Prevalence of XXY karyotypes in human blastocysts: multicentre data from 7549 trophectoderm biopsies obtained during preimplantation genetic testing cycles in IVF. <i>Human Reproduction</i> , 2018, 33, 1355-1363.	0.9	16
57	The effect of parnaparin sodium on in vitro fertilization outcome: A prospective randomized controlled trial. <i>Thrombosis Research</i> , 2017, 159, 116-121.	1.7	15
58	Fertilization rate as a novel indicator for cumulative live birth rate: a multicenter retrospective cohort study of 9,394 complete in vitro fertilization cycles. <i>Fertility and Sterility</i> , 2021, 116, 766-773.	1.0	14
59	Artificial shrinkage of blastocysts prior to vitrification improves pregnancy outcome: analysis of 1028 consecutive warming cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2016, 33, 461-466.	2.5	13
60	Twenty-one year experience with intrauterine inseminations after controlled ovarian stimulation with gonadotropins: maternal age is the only prognostic factor for success. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1195-1201.	2.5	13
61	Thyroid function modifications in women undergoing controlled ovarian hyperstimulation for in vitro fertilization: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2021, 116, 218-231.	1.0	13
62	Gynecological fertility-sparing surgery. <i>Placenta</i> , 2011, 32, S224-S231.	1.5	10
63	Five years (2004-2009) of a restrictive law-regulating ART in Italy significantly reduced delivery rate: analysis of 10 706 cycles. <i>Human Reproduction</i> , 2013, 28, 343-349.	0.9	10
64	Qualitative and Quantitative Ovarian and Peripheral Blood Mitochondrial DNA (mtDNA) Alterations: Mechanisms and Implications for Female Fertility. <i>Antioxidants</i> , 2021, 10, 55.	5.1	8
65	The Role of hCG Triggering Progesterone Levels: A Real-World Retrospective Cohort Study of More Than 8000 IVF/ICSI Cycles. <i>Frontiers in Endocrinology</i> , 2020, 11, 547684.	3.5	8
66	Prospective randomized study comparing two soft catheters for embryo transfer. <i>Fertility and Sterility</i> , 2002, 78, S234-S235.	1.0	7
67	FSH and LH together in ovarian stimulation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2004, 115, S34-S39.	1.1	7
68	Pregnancy Rate After Varicocele Repair: How Many Miscarriages?. <i>Journal of Andrology</i> , 2011, 32, 1-1.	2.0	7
69	Strategies to improve embryo implantation to supraphysiological rates. <i>Annals of the New York Academy of Sciences</i> , 2011, 1221, 75-79.	3.8	7
70	Impact of Thyroid Autoimmunity on Assisted Reproductive Technology Outcomes and Ovarian Reserve Markers: An Updated Systematic Review and Meta-Analysis. <i>Thyroid</i> , 2022, 32, 1010-1028.	4.5	7
71	Outcome of assisted reproductive technologies after different embryo transfer strategies. <i>Reproductive BioMedicine Online</i> , 2005, 11, 64-70.	2.4	6
72	A new method to assess oxidative stress in ART cycles. <i>Gynecological Endocrinology</i> , 2016, 32, 210-212.	1.7	6

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73	Testicular sperm extraction and intracytoplasmic sperm injection outcome in cancer survivors with no available cryopreserved sperm. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 875-882.	2.5	6
74	Inflammatory Bowel Disease and Reproductive Health: From Fertility to Pregnancyâ€”A Narrative Review. <i>Nutrients</i> , 2022, 14, 1591.	4.1	6
75	The importance of consistent FSH delivery in infertility treatment. <i>Reproductive BioMedicine Online</i> , 2006, 12, 493-499.	2.4	5
76	45,X product of conception after preimplantation genetic diagnosis and euploid embryo transfer: evidence of a spontaneous conception confirmed by DNA fingerprinting. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 55.	3.3	5
77	Delayed childbearing and female ageing impair assisted reproductive technology outcome in survivors of male haematological cancers. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 2049-2056.	2.5	5
78	Levothyroxine supplementation on assisted reproduction technology (ART) outcomes in women with subtle hypothyroidism: a retrospective study. <i>Gynecological Endocrinology</i> , 2018, 34, 1053-1058.	1.7	4
79	Ovarian Hyperstimulation: Diagnosis, Prevention, and Management. <i>Seminars in Reproductive Medicine</i> , 2021, 39, 170-179.	1.1	4
80	Assisted reproductive technologies (ART) and childhood cancer: is the risk real?. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1773-1775.	2.5	3
81	One step further: randomised single-centre trial comparing the direct and afterload techniques of embryo transfer. <i>Human Reproduction</i> , 2021, 36, 2484-2492.	0.9	3
82	Influence of inguinal hernia repair on sperm autoimmunity: The largest single center experience. <i>Andrology</i> , 2022, 10, 105-110.	3.5	3
83	Preliminary experience in oocytes cryopreservation. <i>Fertility and Sterility</i> , 2002, 78, S128-S129.	1.0	2
84	Retrospective comparison of pregnancy outcomes of fresh and frozen-warmed single blastocyst transfer: a 5-year single-center experience. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 201-209.	2.5	2
85	Different actors for the same play: the impact of the embryologist performing the embryo transfer. <i>Reproductive BioMedicine Online</i> , 2022, 45, 661-668.	2.4	2
86	Oocyte Cryopreservation: Who, how and what to Expect. <i>Journal of Fertilization in Vitro</i> , 2012, 02, .	0.2	1
87	The contribution of italian art register to the development and practice of oocyte cryopreservation: data 2005-2011. <i>Fertility and Sterility</i> , 2013, 100, S14.	1.0	1
88	Intrauterine Insemination in Unexplained Female Infertility. , 2015, , 323-328.		1
89	Does the operator performing the embryo transfer significantly influence the cycle outcome?. <i>Fertility and Sterility</i> , 2019, 112, e69-e70.	1.0	1
90	MULTICENTER PROSPECTIVE NON-SELECTION STUDY OF BLASTOCYST TRANSFER WITH LOW-MEDIUM-GRADE MOSAICISM. <i>Fertility and Sterility</i> , 2020, 114, e414.	1.0	1

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91	Post-partum Coronavirus Disease 19 Like Pneumonia Before the COVID-19 Italian Pandemic Outbreak: A Case Report. <i>Frontiers in Medicine</i> , 2021, 8, 576865.	2.6	1
92	2017-2018 Assisted Reproduction Cost Analysis Performance Indexes: Lombardy County Case Study. <i>Frontiers in Reproductive Health</i> , 2021, 3, .	1.9	1
93	The Italian Experience of A Restrictive IVF Law: A Review. <i>Journal of Fertilization in Vitro</i> , 2012, 02, .	0.2	1
94	Antibiotics Use in Infertile Couples and During ART Procedures: A Review. <i>Journal of Fertilization in Vitro IVF Worldwide Reproductive Medicine Genetics &amp; Stem Cell Biology</i> , 2016, 04, .	0.2	1
95	Is the lack of prior exposure to sperm antigens associated with worse neonatal and maternal outcomes? A 10-year single-center experience comparing ICSI-TESE pregnancies to ICSI pregnancies. <i>Andrology</i> , 2022, 10, 931-943.	3.5	1
96	Preface. <i>Placenta</i> , 2008, 29, 111.	1.5	0
97	Vaginal Parturition Decreases Recurrence of Endometriosis. <i>Obstetrical and Gynecological Survey</i> , 2011, 66, 25-26.	0.4	0
98	Preface: A window into the reproductive era research. <i>Placenta</i> , 2011, 32, S223.	1.5	0
99	Subspecialty in Reproductive Medicine and Training in Reproductive Endocrinology and Infertility: An International Open Debate. <i>Journal of Fertilization in Vitro IVF Worldwide Reproductive Medicine Genetics &amp; Stem Cell Biology</i> , 2015, 03, .	0.2	0
100	Shrinking leiomyomas by pharmacological autophagy other than surgical removal. <i>Fertility and Sterility</i> , 2019, 112, 1053.	1.0	0
101	Misreporting published data is not the way forward for a constructive scientific debate. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 1505-1506.	2.5	0
102	Do Strategies Favoring Frozen-thawed Embryo Transfer Have an Impact on Differences in IVF Success Rate, Multiple Pregnancy Rate, and Cost per Live Birth Between Fertility Clinics?. <i>Reproductive Sciences</i> , 2022, 29, 1379-1386.	2.5	0
103	INFLUENCE OF INGUINAL HERNIA REPAIR ON SPERM AUTOIMMUNITY: THE LARGEST SINGLE CENTER EXPERIENCE. <i>Fertility and Sterility</i> , 2021, 116, e356.	1.0	0
104	ECTOPIC PREGNANCY RISK FACTORS IN INFERTILE PATIENTS: A 10-YEAR SINGLE CENTER EXPERIENCE. <i>Fertility and Sterility</i> , 2021, 116, e251.	1.0	0
105	NEWBORNS DERIVED FROM EMBRYOS SHOWING LOW/MODERATE-DEGREE MOSAICISM DO NOT EXHIBIT CHROMOSOMAL ABERRATIONS OR UNIPARENTAL DISOMY PROFILES. <i>Fertility and Sterility</i> , 2021, 116, e381.	1.0	0
106	RETROSPECTIVE COMPARISON OF PREGNANCY OUTCOMES OF SINGLE FRESH AND FROZEN-WARMED BLASTOCYST TRANSFER: A 5-YEAR SINGLE CENTER EXPERIENCE. <i>Fertility and Sterility</i> , 2021, 116, e288.	1.0	0
107	The Role of Assisted Reproduction in the Cancer Patient. <i>Current Clinical Urology</i> , 2016, , 195-204.	0.0	0
108	In-vitro fertilization and hormone-dependent brain tumors: could the new era of in-vitro fertilization and social freezing change our incidentally discovered brain tumor management?. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 213-214.	0.6	0