

# Gianpiero D Palermo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1648484/publications.pdf>

Version: 2024-02-01

107  
papers

4,315  
citations

109137

35  
h-index

114278

63  
g-index

108  
all docs

108  
docs citations

108  
times ranked

2563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracytoplasmic sperm injection: a novel treatment for all forms of male factor infertility. <i>Fertility and Sterility</i> , 1995, 63, 1231-1240.	0.5	339
2	Testicular sperm extraction with intracytoplasmic sperm injection for nonobstructive azoospermia. <i>Urology</i> , 1997, 49, 435-440.	0.5	257
3	Births after Intracytoplasmic Injection of Sperm Obtained by Testicular Extraction from Men with Nonmosaic Klinefelter's Syndrome. <i>New England Journal of Medicine</i> , 1998, 338, 588-590.	13.9	232
4	Forty years of IVF. <i>Fertility and Sterility</i> , 2018, 110, 185-324.e5.	0.5	211
5	Chromosome analysis of epididymal and testicular sperm in azoospermic patients undergoing ICSI. <i>Human Reproduction</i> , 2002, 17, 570-575.	0.4	142
6	Evolution of Pregnancies and Initial Follow-up of Newborns Delivered After Intracytoplasmic Sperm Injection. <i>JAMA - Journal of the American Medical Association</i> , 1996, 276, 1893.	3.8	135
7	Intracytoplasmic sperm injection: a powerful tool to overcome fertilization failure. <i>Fertility and Sterility</i> , 1996, 65, 899-908.	0.5	127
8	Understanding fertilization through intracytoplasmic sperm injection (ICSI). <i>Cell Calcium</i> , 2014, 55, 24-37.	1.1	115
9	ICSI: Where We Have Been and Where We Are Going. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 191-201.	0.5	113
10	AZF microdeletions of the Y chromosome and in vitro fertilization outcome. <i>Fertility and Sterility</i> , 2004, 81, 337-341.	0.5	99
11	Incidence of sperm aneuploidy in relation to semen characteristics and assisted reproductive outcome. <i>Fertility and Sterility</i> , 1999, 72, 90-96.	0.5	95
12	Medical follow-up study of 5-year-old ICSI children. <i>Reproductive BioMedicine Online</i> , 2004, 9, 91-101.	1.1	94
13	First data on <i>in vitro</i> fertilization and blastocyst formation after intraovarian injection of calcium gluconate-activated autologous platelet rich plasma. <i>Gynecological Endocrinology</i> , 2018, 34, 756-760.	0.7	93
14	Effect of Treating Induced Mitochondrial Damage on Embryonic Development and Epigenesis. <i>Biology of Reproduction</i> , 2005, 72, 584-592.	1.2	91
15	Severe Testicular Atrophy does not Affect the Success of Microdissection Testicular Sperm Extraction. <i>Journal of Urology</i> , 2014, 191, 175-178.	0.2	90
16	Alternative sources of gametes: reality or science fiction?. <i>Human Reproduction</i> , 2000, 15, 988-998.	0.4	85
17	Sperm integrity is critical for normal mitotic division and early embryonic development*. <i>Molecular Human Reproduction</i> , 1999, 5, 836-844.	1.3	80
18	Perspectives on the assessment of human sperm chromatin integrity. <i>Fertility and Sterility</i> , 2014, 102, 1508-1517.	0.5	79

#	ARTICLE	IF	CITATIONS
19	Genetic and epigenetic characteristics of ICSI children. <i>Reproductive BioMedicine Online</i> , 2008, 17, 820-833.	1.1	78
20	Technical approaches to correction of oocyte aneuploidy. <i>Human Reproduction</i> , 2002, 17, 2165-2173.	0.4	74
21	Blastocyst development rate influences implantation and live birth rates of similarly graded euploid blastocysts. <i>Fertility and Sterility</i> , 2018, 110, 95-102.e1.	0.5	74
22	Intracytoplasmic Sperm Injection (ICSI) in Extreme Cases of Male Infertility. <i>PLoS ONE</i> , 2014, 9, e113671.	1.1	73
23	The Outcome of Intracytoplasmic Sperm Injection Using Occasional Spermatozoa in the Ejaculate of Men With Spermatogenic Failure. <i>Journal of Urology</i> , 2008, 180, 1060-1064.	0.2	72
24	To ICSI or Not to ICSI. <i>Seminars in Reproductive Medicine</i> , 2015, 33, 092-102.	0.5	69
25	Human glucosamine-6-phosphate isomerase, a homologue of hamster oscillin, does not appear to be involved in Ca <sup>2+</sup> release in mammalian oocytes. <i>Molecular Reproduction and Development</i> , 1999, 52, 277-287.	1.0	66
26	A treatment approach for couples with disrupted sperm DNA integrity and recurrent ART failure. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2057-2066.	1.2	64
27	Xenogeneic transplantation of human spermatogonia. <i>Zygote</i> , 2000, 8, 97-105.	0.5	60
28	Preliminary findings in germinal vesicle transplantation of immature human oocytes. <i>Human Reproduction</i> , 2001, 16, 730-736.	0.4	55
29	Development and current applications of assisted fertilization. <i>Fertility and Sterility</i> , 2012, 97, 248-259.	0.5	55
30	Strictures of a microchannel impose fierce competition to select for highly motile sperm. <i>Science Advances</i> , 2019, 5, eaav2111.	4.7	51
31	Assisted reproductive technologies and monozygous twins: implications for future study and clinical practice. <i>Twin Research and Human Genetics</i> , 2000, 3, 217-223.	1.5	50
32	Oocyte-induced haploidization. <i>Reproductive BioMedicine Online</i> , 2002, 4, 237-242.	1.1	45
33	Y chromosome assessment and its implications for the development of ICSI children. <i>Reproductive BioMedicine Online</i> , 2004, 8, 307-318.	1.1	45
34	Genetic and epigenetic profiling of the infertile male. <i>PLoS ONE</i> , 2019, 14, e0214275.	1.1	44
35	Histone variant H3.3-mediated chromatin remodeling is essential for paternal genome activation in mouse preimplantation embryos. <i>Journal of Biological Chemistry</i> , 2018, 293, 3829-3838.	1.6	42
36	Age does not adversely affect sperm retrieval in men undergoing microdissection testicular sperm extraction. <i>Fertility and Sterility</i> , 2014, 101, 653-655.	0.5	41

#	ARTICLE	IF	CITATIONS
37	Microdissection testicular sperm extraction in men with Sertoli cell-only testicular histology. <i>Fertility and Sterility</i> , 2014, 102, 1282-1286.	0.5	38
38	Does ICSI require acrosomal disruption? An ultrastructural study. <i>Human Reproduction</i> , 2004, 19, 114-117.	0.4	37
39	Thoughts on the popularity of ICSI. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 101-123.	1.2	35
40	Assisted reproductive technologies and monozygous twins: implications for future study and clinical practice. <i>Twin Research and Human Genetics</i> , 2000, 3, 217-223.	1.5	33
41	<i>An Update of Assisted Reproductive Technologies Results in the United States</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1127, 41-48.	1.8	33
42	Male Infertility: Genetics, Mechanism, and Therapies. <i>BioMed Research International</i> , 2016, 2016, 1-1.	0.9	33
43	Treatment of Male Infertility. <i>Methods in Molecular Biology</i> , 2014, 1154, 385-405.	0.4	31
44	The role of in-vivo and in-vitro maturation time on ooplasmic dysmaturity. <i>Reproductive BioMedicine Online</i> , 2016, 32, 401-406.	1.1	31
45	High proportion of immature oocytes in a cohort reduces fertilization, embryo development, pregnancy and live birth rates following ICSI. <i>Reproductive BioMedicine Online</i> , 2019, 39, 580-587.	1.1	30
46	The safety of intracytoplasmic sperm injection and long-term outcomes. <i>Reproduction</i> , 2017, 154, F61-F70.	1.1	27
47	A successful model to assess embryo development after transplantation of prophase nuclei. <i>Human Reproduction</i> , 2004, 19, 975-981.	0.4	26
48	Revisiting aneuploidy profile of surgically retrieved spermatozoa by whole exome sequencing molecular karyotype. <i>PLoS ONE</i> , 2019, 14, e0210079.	1.1	26
49	Identification and treatment of men with phospholipase C-defective spermatozoa. <i>Fertility and Sterility</i> , 2020, 114, 535-544.	0.5	26
50	Construction and fertilization of reconstituted human oocytes. <i>Reproductive BioMedicine Online</i> , 2005, 11, 309-318.	1.1	23
51	CapScore, prospectively predicts probability of pregnancy. <i>Molecular Reproduction and Development</i> , 2018, 85, 654-664.	1.0	22
52	Localization patterns of the ganglioside G <sub>M1</sub> in human sperm are indicative of male fertility and independent of traditional semen measures. <i>Molecular Reproduction and Development</i> , 2017, 84, 423-435.	1.0	21
53	The role of structural integrity of the fertilising spermatozoon in early human embryogenesis. <i>Zygote</i> , 1999, 7, 157-163.	0.5	20
54	H <sub>2</sub> O <sub>2</sub> Antigen Expression Patterns in Human X- and Y-Chromosome-Bearing Spermatozoa. <i>American Journal of Reproductive Immunology</i> , 1998, 40, 43-47.	1.2	19

#	ARTICLE	IF	CITATIONS
55	What to Do When ICSI Fails. <i>Systems Biology in Reproductive Medicine</i> , 2010, 56, 376-387.	1.0	19
56	Sex-selection of human spermatozoa: evolution of current techniques and applications. <i>Archives of Gynecology and Obstetrics</i> , 1998, 261, 109-115.	0.8	18
57	Adjuvant gonadotrophin-releasing hormone agonist trigger with human chorionic gonadotrophin to enhance ooplasmic maturity. <i>Reproductive BioMedicine Online</i> , 2016, 33, 568-574.	1.1	18
58	Preimplantation genetic diagnosis for elective sex selection, the IVF market economy, and the child--another long day's journey into night?. <i>Journal of Assisted Reproduction and Genetics</i> , 2002, 19, 433-437.	1.2	16
59	Shedding Light on the Nature of Seminal Round Cells. <i>PLoS ONE</i> , 2016, 11, e0151640.	1.1	16
60	Genetic Assessment and Development of Children That Result From Assisted Reproductive Technology. <i>Clinical Obstetrics and Gynecology</i> , 2006, 49, 134-137.	0.6	14
61	Androgen receptor CAG polymorphism (Xq11-12) status and human spermatogenesis: a prospective analysis of infertile males and their offspring conceived by intracytoplasmic sperm injection. <i>International Journal of Molecular Medicine</i> , 2006, 18, 405-13.	1.8	14
62	Outcomes of Intracytoplasmic Sperm Injection Cycles for Complete Teratozoospermia: A Case-Control Study Using Paired Sibling Oocytes. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	13
63	Identifying Maternal Constraints on Fetal Growth and Subsequent Perinatal Outcomes Using a Multiple Embryo Implantation Model. <i>PLoS ONE</i> , 2016, 11, e0166222.	1.1	12
64	Safety of Intracytoplasmic Sperm Injection. <i>Methods in Molecular Biology</i> , 2014, 1154, 549-562.	0.4	12
65	Combined GnRH-agonist and human chorionic gonadotropin trigger improves ICSI cycle outcomes in patients with history of poor fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 781-788.	1.2	11
66	Single-center thorough evaluation and targeted treatment of globozoospermic men. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2073-2086.	1.2	11
67	Implications of cloning technique for reproductive medicine. <i>Reproductive BioMedicine Online</i> , 2004, 8, 509-515.	1.1	9
68	Metabolic and neurobehavioral response following intraovarian administration of autologous activated platelet rich plasma: First qualitative data. <i>Neuroendocrinology Letters</i> , 2019, 39, 427-433.	0.2	8
69	<i>Male Gamete Empowerment</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1127, 64-66.	1.8	7
70	Haploidy in somatic cells is induced by mature oocytes in mice. <i>Communications Biology</i> , 2022, 5, 95.	2.0	7
71	Understanding the Spermatozoon. <i>Methods in Molecular Biology</i> , 2014, 1154, 91-119.	0.4	6
72	Reprogramming somatic cell differentiation and the Hayflick Limit: contrasting two modern molecular bioengineering aims and their impact on the future of mankind. <i>Journal of Assisted Reproduction and Genetics</i> , 2001, 18, 468-470.	1.2	5

#	ARTICLE	IF	CITATIONS
73	Obstetrical and perinatal outcomes of ICSI versus natural singleton pregnancies. <i>Fertility and Sterility</i> , 2003, 80, 109.	0.5	5
74	Combined hysteroscopy-laparoscopy approach for excision of pelvic nitinol fragment from Essure contraceptive device: Role of intraoperative fluoroscopy for uterine conservation. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 337.	0.6	5
75	Laparoscopic Management of Severe Endometriosis-Related Hemorrhagic Ascites. <i>Journal of Minimally Invasive Gynecology</i> , 2018, 25, 8-9.	0.3	5
76	Intracytoplasmic Sperm Injection: History, Indications, Technique, and Safety. , 2018, , 9-21.		4
77	InÂvitro fertilization and andrology laboratory in 2030: expert visions. <i>Fertility and Sterility</i> , 2021, 116, 4-12.	0.5	4
78	Sperm DNA fragmentation: What have we learned so far?. <i>Fertility and Sterility</i> , 2021, 116, 1491.	0.5	4
79	Effects of Chemo- and Radiation Therapy on Microsurgical Testicular Sperm Extraction for Men with Nonobstructive Azoospermia. <i>Journal of Urology</i> , 2022, 208, 676-683.	0.2	4
80	A worldwide profile of the utilization of sperm DNA fragmentation testing in relation to reproductive outcome. <i>Translational Andrology and Urology</i> , 2017, 6, S320-S321.	0.6	3
81	ICSI from the beginning to where we are today: are we abusing ICSI?. <i>Global Reproductive Health</i> , 2019, 4, e35-e35.	0.3	3
82	Assessing the cognitive and behavioral development of 3-year-old children born from fathers with severe male infertility. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 508.e1-508.e11.	0.7	3
83	Three-dimensional sperm surface reconstruction: a novel approach to assessing sperm morphology. <i>Fertility and Sterility</i> , 2015, 104, e14-e15.	0.5	2
84	The benefits of dual and double ovulatory triggers in assisted reproduction. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 1233-1233.	1.2	2
85	When to jump-start fertilization. <i>Fertility and Sterility</i> , 2019, 112, 230-231.	0.5	2
86	Preimplantation development of germinal vesicle recipient oocytes. <i>Fertility and Sterility</i> , 2002, 78, S102-S103.	0.5	1
87	Fertilization characteristics of oocytes with incomplete maturation in vivo. <i>Fertility and Sterility</i> , 2003, 80, 118-119.	0.5	1
88	InÂvitro fertilization and andrology laboratories in 2030. <i>Fertility and Sterility</i> , 2021, 116, 2-3.	0.5	1
89	Intracytoplasmic Sperm Injection. , 2012, , 307-320.		1
90	Germ Cell Transplantation and Neospermatogenesis. , 2012, , 315-330.		1

#	ARTICLE	IF	CITATIONS
91	Intracytoplasmic sperm injection: Technical aspects. , 2012, , 172-185.		1
92	Popularity of ICSI. , 2013, , 233-244.		1
93	Contemporary aspects of male gamete (dys)function: aiming towards optimizing the treatment ofÂfertilization disorders. Fertility and Sterility, 2012, 97, 247.	0.5	0
94	Intracytoplasmic sperm injection: does the sperm matter?. , 0, , 149-164.		0
95	The Ideal Spermatozoon for ART. , 2015, , 137-155.		0
96	Single Gamete Insemination Aiming at the Ideal Conceptus. , 2015, , 73-88.		0
97	Response: assessing ooplasm maturity. Reproductive BioMedicine Online, 2017, 34, 283.	1.1	0
98	Male Infertility and Assisted Reproduction. , 0, , 193-207.		0
99	Technical Aspect of ICSI for Ejaculated Spermatozoa. , 0, , 156-162.		0
100	Intracytoplasmic Sperm Injection. , 2019, , 399-413.		0
101	The futility of searching for a single-best insemination method. Journal of Assisted Reproduction and Genetics, 2020, 37, 2947-2948.	1.2	0
102	Micromanipulation: Intracytoplasmic Sperm Injection and Assisted Hatching. , 2012, , 99-114.		0
103	Germ Cell Transplantation and Neospermatogenesis. , 2013, , 121-139.		0
104	Intracytoplasmic Sperm Injection. , 2013, , 241-264.		0
105	Nuclear Transfer Technology and Its Use in Reproductive Medicine. , 2021, , 148-153.		0
106	Current ICSI Applications and Clinical Outcomes. , 2021, , 25-37.		0
107	Development of ICSI in Human Assisted Reproduction. , 2021, , 11-24.		0