Francesca Vidal

List of Publications by Year in descending order

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Version: 2024-02-01

133 papers	4,839 citations	87723 38 h-index	106150 65 g-index
133 all docs	133 docs citations	133 times ranked	2646 citing authors

#	Article	IF	Citations
1	Human male infertility: chromosome anomalies, meiotic disorders, abnormal spermatozoa and recurrent abortion. Human Reproduction Update, 2000, 6, 93-105.	5.2	272
2	Chromosomal abnormalities and embryo development in recurrent miscarriage couples. Human Reproduction, 2003, 18, 182-188.	0.4	255
3	Complete Meiosis from Human Induced Pluripotent Stem Cells. Stem Cells, 2011, 29, 1186-1195.	1.4	177
4	Incidence of sperm chromosomal abnormalities in a risk population: relationship with sperm quality and ICSI outcome. Human Reproduction, 2001, 16, 2084-2092.	0.4	167
5	Chromosome studies in human sperm nuclei using fluorescence in-situ hybridization (FISH). Human Reproduction Update, 1997, 3, 441-452.	5.2	148
6	In vitro fertilization plus preimplantation genetic diagnosis in patients with recurrent miscarriage: an analysis of chromosome abnormalities in human preimplantation embryos. Fertility and Sterility, 1999, 71, 1033-1039.	0.5	129
7	Meiotic studies in a series of 1100 infertile and sterile males. Human Genetics, 1983, 65, 185-188.	1.8	125
8	Meiotic behaviour of the sex chromosomes in three patients with sex chromosome anomalies (47,XXY,) Tj ETQq0 0 0 rgBT /Overlock 10 2001, 16, 887-892.	0.4	113
9	Screening for abnormalities of chromosomes X, Y, and 18 and for diploidy in spermatozoa from infertile men participating in an in vitro fertilization-intracytoplasmic sperm injection program. Fertility and Sterility, 1999, 72, 696-701.	0.5	111
10	Preimplantation diagnosis: Sephadex filtration and human serum albumin gradients do not select spermatozoa by sex chromosome: a fluorescent in-situ hybridization study. Human Reproduction, 1993, 8, 1740-1743.	0.4	110
11	Incidence of chromosome 21 disomy in human spermatozoa as determined by fluorescent in-situ hybridization. Human Reproduction, 1996, 11, 722-726.	0.4	108
12	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. Fertility and Sterility, 2015, 104, 591-601.	0.5	106
13	Aneuploidy in Human Spermatozoa. Cytogenetic and Genome Research, 2011, 133, 91-99.	0.6	104
14	Sperm FISH studies in seven male carriers of Robertsonian translocation t(13;14)(q10;q10). Human Reproduction, 2004, 19, 1345-1351.	0.4	86
15	FISH preimplantation diagnosis of chromosome aneuploidy in recurrent pregnancy wastage. Journal of Assisted Reproduction and Genetics, 1998, 15, 310-313.	1.2	84
16	Chromosome 21 Disomy in the Spermatozoa of the Fathers of Children with Trisomy 21, in a Population with a High Prevalence of Down Syndrome: Increased Incidence in Cases of Paternal Origin. American Journal of Human Genetics, 1998, 63, 1067-1072.	2.6	84
17	Implications of sperm chromosome abnormalities in recurrent miscarriage. Journal of Assisted Reproduction and Genetics, 1999, 16, 253-258.	1.2	83
18	Sperm studies in heterozygote inversion carriers: a review. Cytogenetic and Genome Research, 2005, 111, 297-304.	0.6	82

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19	New insights into the expression profile and function of micro-ribonucleic acid in human spermatozoa. Fertility and Sterility, 2014, 102, 213-222.e4.	0.5	79
20	Increased chromosome abnormalities in human preimplantation embryos after in-vitro fertilization in patients with recurrent miscarriage. Reproduction, Fertility and Development, 1998, 10, 87.	0.1	79
21	Impact of sperm DNA fragmentation on the outcome of IVF with own or donated oocytes. Reproductive BioMedicine Online, 2011, 23, 704-710.	1.1	77
22	Diploid sperm and the origin of triploidy. Human Reproduction, 2002, 17, 5-7.	0.4	72
23	Increased incidence of disomic sperm nuclei in a 47,XYY male assessed by fluorescent in situ hybridization (FISH). Human Genetics, 1997, 99, 413.	1.8	69
24	Interchromosomal effects for chromosomeÂ21 in carriers of structural chromosome reorganizations determined by fluorescence in situ hybridization on sperm nuclei. Human Genetics, 2000, 106, 500-505.	1.8	61
25	A method for the sequential study of synaptonemal complexes by light and electron microscopy. Human Genetics, 1981, 59, 419-421.	1.8	59
26	FISH on sperm heads allows the analysis of chromosome segregation and interchromosomal effects in carriers of structural rearrangements: results in a translocation carrier, t(5;8)(q33;q13). Cytogenetic and Genome Research, 1998, 83, 275-280.	0.6	58
27	Meiotic abnormalities in infertile males. Cytogenetic and Genome Research, 2005, 111, 337-342.	0.6	56
28	Role of sperm fluorescent in situ hybridization studies in infertile patients: indications, study approach, and clinical relevance. Fertility and Sterility, 2010, 93, 1892-1902.	0.5	54
29	Genetic Analysis of Sperm and Implications of Severe Male Infertilityâ€”A Review. Placenta, 2003, 24, S62-S65.	0.7	53
30	Origin of tripronucleate zygotes after intracytoplasmic sperm injection. Human Reproduction, 1997, 12, 2762-2765.	0.4	52
31	The Chemokine Connection: Hormonal and Embryonic Regulation at the Human Maternal-Embryonic Interfaceâ€”A Review. Placenta, 2003, 24, S48-S55.	0.7	52
32	Role of sperm FISH studies in the genetic reproductive advice of structural reorganization carriers. Human Reproduction, 2007, 22, 2088-2092.	0.4	52
33	Meiotic and synaptonemal complex studies in a 14/21 translocation carrier. Journal of Developmental and Physical Disabilities, 1982, 5, 21-26.	3.6	49
34	Reciprocal translocations: tracing their meiotic behavior. Genetics in Medicine, 2008, 10, 730-738.	1.1	49
35	XY-trivalent association and synaptic anomalies in a male carrier of a Robertsonian t(13;14) translocation. Human Reproduction, 1991, 6, 376-381.	0.4	47
36	Confirmation of diagnosis in preimplantation genetic diagnosis (PGD) through blastocyst culture: preliminary experience. , 1999, 19, 1242-1247.		43

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37	Interchromosomal effect analyses by sperm FISH: incidence and distribution among reorganization carriers. Systems Biology in Reproductive Medicine, 2011, 57, 268-278.	1.0	43
38	Synaptonemal complex studies in a mosaic 46,XY/47,XXY male. Human Genetics, 1984, 66, 306-308.	1.8	41
39	Efficiency of MicroSort flow cytometry for producing sperm populations enriched In X- or Y-chromosome haplotypes: a blind trial assessed by double and triple colour fluorescent in-situ hybridization. Human Reproduction, 1998, 13, 308-312.	0.4	41
40	Numerical chromosome abnormalities in the spermatozoa of the fathers of children with trisomy 21 of paternal origin: generalised tendency to meiotic non-disjunction. Human Genetics, 2001, 108, 134-139.	1.8	40
41	A new meiotic mutation: Desynapsis of individual bivalents. Human Genetics, 1981, 59, 345-348.	1.8	39
42	FISH studies of chromosome abnormalities in germ cells and its relevance in reproductive counseling. Asian Journal of Andrology, 2005, 7, 227-236.	0.8	38
43	Chromosome segregation in a man heterozygous for a pericentric inversion, inv(9)(p11q13), analyzed by using sperm karyotyping and two-color fluorescence in situ hybridization on sperm nuclei. Human Genetics, 1997, 99, 761-765.	1.8	37
44	Cytogenetic analysis of sperm chromosomes and sperm nuclei in a male heterozygous for a reciprocal translocation t(5;7)(q21;q32) by in situ hybridisation. European Journal of Human Genetics, 1999, 7, 231-238.	1.4	37
45	Genetic reproductive risk in inversion carriers. Fertility and Sterility, 2006, 85, 661-666.	0.5	37
46	Risk assessment and segregation analysis in a pericentric inversion inv(6)(p23q25) carrier using FISH on decondensed sperm nuclei. Cytogenetic and Genome Research, 2002, 97, 149-154.	0.6	36
47	InÂvitro development and chromosome constitution of embryos derived from monopronucleated zygotes after intracytoplasmic sperm injection. Fertility and Sterility, 2013, 99, 897-902.e1.	0.5	35
48	Distribution of prepubertal and adult goat oocyte cortical granules during meiotic maturation and fertilisation: Ultrastructural and cytochemical study. Molecular Reproduction and Development, 2004, 68, 507-514.	1.0	34
49	Effect of Hoechst 33342 staining on developmental competence of prepubertal goat oocytes. Zygote, 2002, 10, 201-208.	0.5	31
50	Accumulation of numerical and structural chromosome imbalances in spermatozoa from reciprocal translocation carriers. Human Reproduction, 2013, 28, 840-849.	0.4	31
51	Meiotic and synaptonemal complex studies in 45 subfertile males. Human Genetics, 1982, 60, 301-304.	1.8	30
52	Effects of aging on the zona pellucida surface of mouse oocytes. Journal of in Vitro Fertilization and Embryo Transfer: IVF, 1988, 5, 225-229.	0.8	30
53	Hidden mosaicism in patients with Klinefelter's syndrome: implications for genetic reproductive counselling. Human Reproduction, 2011, 26, 3486-3493.	0.4	30
54	Meiotic studies and synaptonemal complex analysis in two infertile males with a 13/14 balanced translocation. Human Genetics, 1984, 67, 162-165.	1.8	29

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55	Chromosomal abnormalities in sperm. Molecular and Cellular Endocrinology, 2001, 183, S51-S54.	1.6	29
56	Evaluation of cytogenetic analysis for clinical preimplantation diagnosis. Fertility and Sterility, 1995, 64, 44-50.	0.5	28
57	Mitochondrial organization in prepubertal goat oocytes during in vitro maturation and fertilization. Molecular Reproduction and Development, 2006, 73, 617-626.	1.0	28
58	Meiotic behavior of three D;G Robertsonian translocations: segregation and interchromosomal effect. Journal of Human Genetics, 2010, 55, 541-545.	1.1	28
59	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. Fertility and Sterility, 2019, 112, 831-841.	0.5	27
60	Transition from blastomere to trophectoderm biopsy: comparing two preimplantation genetic testing for aneuploidies strategies. Zygote, 2018, 26, 191-198.	0.5	26
61	Could monopronucleated ICSI zygotes be considered for transfer? Analysis through time-lapse monitoring and PGS. Journal of Assisted Reproduction and Genetics, 2017, 34, 905-911.	1.2	25
62	Preimplantation genetic diagnosis in patients with male meiotic abnormalities. Reproductive BioMedicine Online, 2004, 8, 470-476.	1.1	24
63	case report: Twin pregnancy after preimplantation diagnosis for sex selection. Human Reproduction, 1994, 9, 2156-2159.	0.4	23
64	Altered segregation pattern and numerical chromosome abnormalities interrelate in spermatozoa from Robertsonian translocation carriers. Reproductive BioMedicine Online, 2015, 31, 79-88.	1.1	23
65	Meiotic behavior of the sex chromosomes in a 45,X/46,X,r(Y)/46,x,dic r(Y) patient whose semen was assessed by fluorescence in situ hybridization. Fertility and Sterility, 2003, 79, 913-918.	0.5	22
66	Acrocentric chromosome disomy is increased in spermatozoa from fathers of Turner syndrome patients. Human Genetics, 2001, 108, 499-503.	1.8	20
67	Normalization matters: tracking the best strategy for sperm miRNA quantification. Molecular Human Reproduction, 2017, 23, 45-53.	1.3	19
68	Effect of zinc and copper on preimplantation mouse embryo developmentin vitroand metallothionein levels. Zygote, 1993, 1, 225-229.	0.5	18
69	Microtubule and microfilament organization in immature, in vitro matured and in vitro fertilized prepubertal goat oocytes. Zygote, 2005, 13, 155-165.	0.5	18
70	Cytogenetic analysis of caprine 2- to 4-cell embryos produced in vitro. Zygote, 2001, 9, 193-199.	0.5	17
71	Preferential alternate segregation in the common t(11;22)(q23;q11) reciprocal translocation: sperm FISH analysis in two brothers. Reproductive BioMedicine Online, 2004, 9, 637-644.	1.1	17
72	Sperm rates of 7q11.23, 15q11q13 and 22q11.2 deletions and duplications: a FISH approach. Human Genetics, 2011, 129, 35-44.	1.8	17

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73	Meiotic chromosome studies and synaptonemal complex analyses by light and electron microscopy in 47 infertile or sterile males. Human Reproduction, 1986, 1, 523-527.	0.4	16
74	Identification of meiotic anomalies with multiplex fluorescence in situ hybridization: Preliminary results. Fertility and Sterility, 2004, 82, 712-717.	0.5	16
75	Spermatozoa with numerical chromosomal abnormalities are more prone to be retained by Annexin Vâ€<scp>MACS</scp> columns. Andrology, 2017, 5, 807-813.	1.9	16
76	Prevalence, types and possible factors influencing mosaicism in IVF blastocysts: results from a single setting. Reproductive BioMedicine Online, 2021, 42, 55-65.	1.1	16
77	FISH on sperm: spot-counting to stop counting? Not yet. Fertility and Sterility, 2009, 92, 1474-1480.	0.5	15
78	Synaptonemal complex studies in the male. Human Reproduction, 1987, 2, 577-581.	0.4	14
79	Preliminary study of the incidence of disomy in sperm fractions after MicroSort flow cytometry. Human Reproduction, 1999, 14, 2987-2990.	0.4	14
80	Meiotic abnormalities in metaphase I human spermatocytes from infertile males: frequencies, chromosomes involved, and the relationships with polymorphic karyotype and seminal parameters. Asian Journal of Andrology, 2014, 16, 838.	0.8	13
81	An exploratory study of predisposing genetic factors for DiGeorge/velocardiofacial syndrome. Scientific Reports, 2017, 7, 40031.	1.6	12
82	Chromosome positioning and male infertility: it comes with the territory. Journal of Assisted Reproduction and Genetics, 2018, 35, 1929-1938.	1.2	12
83	Development and behavior of synaptonemal complexes in human spermatocytes by light and electron microscopy. Human Genetics, 1984, 68, 142-147.	1.8	11
84	Deletions and duplications of the 15q11-q13 region in spermatozoa from Prader-Willi syndrome fathers. Molecular Human Reproduction, 2010, 16, 320-328.	1.3	11
85	High-resolution fish on DNA fibers for low-copy repeats genome architecture studies. Genomics, 2012, 100, 380-386.	1.3	11
86	Sequential FISH allows the determination of the segregation outcome and the presence of numerical anomalies in spermatozoa from a t(1;8;2)(q42;p21;p15) carrier. Journal of Assisted Reproduction and Genetics, 2013, 30, 1115-1123.	1.2	10
87	Chromosome size, morphology, and gene density determine bivalent positioning in metaphase I human spermatocytes. Fertility and Sterility, 2014, 101, 818-824.e3.	0.5	10
88	Preimplantation diagnosis: Sexing sibling mouse blastomeres by polymerase chain reaction and fluorescent in-situ hybridization. Human Reproduction, 1994, 9, 2145-2149.	0.4	9
89	Preimplantation genetic diagnosis. Molecular and Cellular Endocrinology, 2000, 166, 21-25.	1.6	9
90	Preimplantation genetic screening and human implantation. Journal of Reproductive Immunology, 2002, 55, 65-72.	0.8	9

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91	Outcome of intracytoplasmic sperm injection in relation to the meiotic pattern in patients with severe oligoasthenozoospermia. Fertility and Sterility, 2003, 80, 91-95.	0.5	9
92	Acrocentric bivalents positioned preferentially nearby to the XY pair in metaphase I human spermatocytes. Fertility and Sterility, 2012, 98, 1241-1245.	0.5	9
93	ESHRE Clinical Embryologist certification: the first 10 yearsâ€. Human Reproduction Open, 2020, 2020, hoaa026.	2.3	9
94	Expression of caprine beta-lactoglobulin in the milk of transgenic mice. Transgenic Research, 1997, 6, 69-74.	1.3	8
95	Deletions and duplications of the 22q11.2 region in spermatozoa from DiGeorge/velocardiofacial fathers. Molecular Cytogenetics, 2014, 7, 86.	0.4	8
96	Inconclusive results in preimplantation genetic testing: go for a second biopsy?. Gynecological Endocrinology, 2019, 35, 90-92.	0.7	8
97	Scanning electron microscope (SEM) study of mouse embryos obtained from isolated blastomeres. Journal of in Vitro Fertilization and Embryo Transfer: IVF, 1991, 8, 279-285.	0.8	7
98	The decision to cancel a preimplantation genetic diagnosis cycle. Prenatal Diagnosis, 2000, 20, 564-566.	1.1	7
99	High rates of de novo 15q11q13 inversions in human spermatozoa. Molecular Cytogenetics, 2012, 5, 11.	0.4	7
100	Altered bivalent positioning in metaphase I human spermatocytes from Robertsonian translocation carriers. Journal of Assisted Reproduction and Genetics, 2017, 34, 131-138.	1.2	7
101	Meiosis and Klinefelter's syndrome. Human Reproduction, 2002, 17, 3006-3006.	0.4	6
102	Apoptosis mediated by phosphatidylserine externalization in the elimination of aneuploid germ cells during human spermatogenesis. Andrology, 2014, 2, 892-898.	1.9	6
103	Meiotic translocations in two sterile males. Human Genetics, 1984, 67, 239-239.	1.8	5
104	Cytogenetic sexing of mouse embryos. Human Reproduction, 1993, 8, 470-474.	0.4	5
105	Sex chromosome aneuploidy in sperm-derived pronuclei, motile sperm and unselected sperm, scored by three-color FISH. Cytogenetic and Genome Research, 1997, 78, 27-30.	0.6	5
106	Cryopreservation of Caprine Î²-Lactoglobulin Transgenic Mouse Embryos. Cryobiology, 1997, 35, 290-298.	0.3	5
107	Assessment of the proportion of transgene-bearing sperm by fluorescence in situ hybridization: A novel approach for the detection of germline mosaicism in transgenic male founders. Molecular Reproduction and Development, 2001, 58, 166-172.	1.0	5
108	Ultrastructural studies of early mouse embryos obtained by oocyte fusion. Zygote, 1994, 2, 15-28.	0.5	4

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109	A sequential methodology that allows apoptotic cell sorting and FISH analysis in human testicular cells. Systems Biology in Reproductive Medicine, 2012, 58, 354-361.	1.0	4
110	Morphokinetics and in vitro developmental potential of monopronucleated ICSI zygotes until the blastocyst stage. Zygote, 2020, 28, 217-222.	0.5	4
111	Study of synaptonemal complexes in human semen: results in the first 26 consecutive cases. Human Reproduction, 1986, 1, 121-123.	0.4	3
112	A new synaptic anomaly: irregular synaptonemal complexes. Human Genetics, 1986, 72, 272-274.	1.8	3
113	Improved technique for the study of meiosis in ejaculate: results of the first 50 consecutive cases. Human Genetics, 1986, 72, 275-277.	1.8	3
114	Recurrent In Vitro Fertilization Failure Evaluated by Fluorescence In Situ Hybridization: A Case Report 1. Fertility and Sterility, 1998, 69, 558-560.	0.5	3
115	Changes in Zona Pellucida Surface after in vivo and in vitro Maturation of Caprine Oocytes. Reproduction in Domestic Animals, 1999, 34, 417-421.	0.6	3
116	Recombination in heterozygote inversion carriers. Human Reproduction, 2007, 22, 1192-1192.	0.4	3
117	Chromosomal analysis of blastocyst derived from monopronucleated ICSI zygotes: approach by double trophectoderm biopsy. Jornal Brasileiro De Reproducao Assistida, 2017, 21, 203-207.	0.3	3
118	The effect of trophectoderm biopsy technique and sample handling on artefactual mosaicism. Journal of Assisted Reproduction and Genetics, 2022, 39, 1333-1340.	1.2	3
119	Blastocyst biopsy. , 2009, , 186-192.		2
120	Cytogenetic studies of oocyte fusion products. Zygote, 1995, 3, 27-29.	0.5	1
121	Early mouse preimplantation development is unaffected by microinjection of metallothionein antibodies. Zygote, 1995, 3, 81-84.	0.5	1
122	AnomalÃas meiÃ³ticas. Implicaciones en la esterilidad masculina. Revista Internacional De AndrologÃa, 2008, 6, 48-51.	0.1	1
123	AnÃ¡lisis de la expresiÃ³n de 4 micro-ARN en espermatozoides y su implicaciÃ³n en la fertilidad masculina. Revista Internacional De AndrologÃa, 2012, 10, 92-97.	0.1	1
124	Mosaicos cromosÃ³micos en vellosidad corial. Diagnostico Prenatal, 2013, 24, 99-107.	0.1	1
125	Chromosomal positioning in spermatogenic cells is influenced by chromosomal factors associated with gene activity, bouquet formation and meiotic sex chromosome inactivation. Chromosoma, 2021, 130, 163-175.	1.0	1
126	Unpaired sex chromosomes in metaphase I human spermatocytes locally modify autosomal bivalents positioning. Asian Journal of Andrology, 2018, 20, 626.	0.8	1

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127	Changes in Zona Pellucida Surface after in vivo and in vitro Maturation of Caprine Oocytes. Reproduction in Domestic Animals, 1999, 34, 417-421.	0.6	1
128	Documento sobre obtenciÃ³n de cÃ©lulas madre embrionarias. Revista De Calidad Asistencial: Ã³rgano De La Sociedad EspaÃ±ola De Calidad Asistencial, 2002, 17, 191-194.	0.6	0
129	In memory of Josep Egozcue Chairman of ESHRE (1995-1997): a personal remembrance from two of his students. Human Reproduction, 2006, 21, 2494-2494.	0.4	0
130	Impact of sperm DNA fragmentation on embryo quality, pregnancy and miscarriage rate in IVF cycles of patients and oocytes recipients. Fertility and Sterility, 2007, 88, S31.	0.5	0
131	RNA espermÃ¡tico: Â¿huella de eventos pasados o dote para el embriÃ³n?. Medicina Reproductiva Y EmbriologÃa ClÃnica, 2017, 4, 59-71.	0.1	0
132	Re: Is number of chiasmata an etiological factor of male infertility?. Asian Journal of Andrology, 2014, 16, 921.	0.8	0
133	A comprehensive analysis of chromosomal anomalies in metaphase II spermatocytes from infertile patients. Asian Journal of Andrology, 2018, 20, 105.	0.8	0