Francesca Vidal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130 papers	4,052 citations	36 h-index	59 g-index
133 ext. papers	4,383 ext. citations	3.7 avg, IF	4.83 L-index

#	Paper	IF	Citations
130	The effect of trophectoderm biopsy technique and sample handling on artefactual mosaicism.. *Journal of Assisted Reproduction and Genetics*, **2022**, 1	3.4	
129	Prevalence, types and possible factors influencing mosaicism in IVF blastocysts: results from a single setting. *Reproductive BioMedicine Online*, **2021**, 42, 55-65	4	4
128	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	2.8	0
127	Morphokinetics and developmental potential of monopronucleated ICSI zygotes until the blastocyst stage. *Zygote*, **2020**, 28, 217-222	1.6	1
126	ESHRE Clinical Embryologist certification: the first 10 years. *Human Reproduction Open*, **2020**, 2020, hoaa026	3.2	6
125	Sperm microRNA pairs: new perspectives in the search for male fertility biomarkers. *Fertility and Sterility*, **2019**, 112, 831-841	4.8	12
124	Inconclusive results in preimplantation genetic testing: go for a second biopsy?. *Gynecological Endocrinology*, **2019**, 35, 90-92	2.4	4
123	Unpaired sex chromosomes in metaphase I human spermatocytes locally modify autosomal bivalents positioning. *Asian Journal of Andrology*, **2018**, 20, 626-628	2.8	1
122	A comprehensive analysis of chromosomal anomalies in metaphase II spermatocytes from infertile patients. *Asian Journal of Andrology*, **2018**, 20, 105-106	2.8	
121	Chromosome positioning and male infertility: it comes with the territory. *Journal of Assisted Reproduction and Genetics*, **2018**, 35, 1929-1938	3.4	9
120	Transition from blastomere to trophectoderm biopsy: comparing two preimplantation genetic testing for aneuploidies strategies. *Zygote*, **2018**, 26, 191-198	1.6	14
119	An exploratory study of predisposing genetic factors for DiGeorge/velocardiofacial syndrome. *Scientific Reports*, **2017**, 7, 40031	4.9	8
118	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	3.4	17
117	Spermatozoa with numerical chromosomal abnormalities are more prone to be retained by Annexin V-MACS columns. *Andrology*, **2017**, 5, 807-813	4.2	9
116	Normalization matters: tracking the best strategy for sperm miRNA quantification. *Molecular Human Reproduction*, **2017**, 23, 45-53	4.4	13
115	RNA espermático: ¿huella de eventos pasados o dote para el embrión?. *Medicina Reproductiva Y Embriología Clínica*, **2017**, 4, 59-71	0.1	
114	Altered bivalent positioning in metaphase I human spermatocytes from Robertsonian translocation carriers. *Journal of Assisted Reproduction and Genetics*, **2017**, 34, 131-138	3.4	5

113	Chromosomal analysis of blastocyst derived from monopronucleated ICSI zygotes: approach by double trophectoderm biopsy. *Jornal Brasileiro De Reproducao Assistida*, **2017**, 21, 203-207	1.7	3
112	Spermatozoa from patients with seminal alterations exhibit a differential micro-ribonucleic acid profile. *Fertility and Sterility*, **2015**, 104, 591-601	4.8	69
111	Altered segregation pattern and numerical chromosome abnormalities interrelate in spermatozoa from Robertsonian translocation carriers. *Reproductive BioMedicine Online*, **2015**, 31, 79-88	4	21
110	New insights into the expression profile and function of micro-ribonucleic acid in human spermatozoa. *Fertility and Sterility*, **2014**, 102, 213-222.e4	4.8	58
109	Apoptosis mediated by phosphatidylserine externalization in the elimination of aneuploid germ cells during human spermatogenesis. *Andrology*, **2014**, 2, 892-8	4.2	5
108	Chromosome size, morphology, and gene density determine bivalent positioning in metaphase I human spermatocytes. *Fertility and Sterility*, **2014**, 101, 818-24	4.8	9
107	Deletions and duplications of the 22q11.2 region in spermatozoa from DiGeorge/velocardiofacial fathers. *Molecular Cytogenetics*, **2014**, 7, 86	2	5
106	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, 838-44	2.8	10
105	Re: Is number of chiasmata an etiological factor of male infertility?. *Asian Journal of Andrology*, **2014**, 16, 921	2.8	
104	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, 1115-23	3.4	9
103	Mosaicos cromos□micos en vellosidad corial. *Diagnostico Prenatal*, **2013**, 24, 99-107		0
102	Accumulation of numerical and structural chromosome imbalances in spermatozoa from reciprocal translocation carriers. *Human Reproduction*, **2013**, 28, 840-9	5.7	27
101	In´vitro development and chromosome constitution of embryos derived from monopronucleated zygotes after intracytoplasmic sperm injection. *Fertility and Sterility*, **2013**, 99, 897-902.e1	4.8	25
100	High rates of de novo 15q11q13 inversions in human spermatozoa. *Molecular Cytogenetics*, **2012**, 5, 11	2	7
99	High-resolution fish on DNA fibers for low-copy repeats genome architecture studies. *Genomics*, **2012**, 100, 380-6	4.3	9
98	Acrocentric bivalents positioned preferentially nearby to the XY pair in metaphase I human spermatocytes. *Fertility and Sterility*, **2012**, 98, 1241-5	4.8	9
97	An□lisis de la expresi□ de 4 micro-ARN en espermatozoides y su implicaci□ en la fertilidad masculina. *Revista Internacional De Andrologí□*, **2012**, 10, 92-97	0.6	1
96	A sequential methodology that allows apoptotic cell sorting and FISH analysis in human testicular cells. *Systems Biology in Reproductive Medicine*, **2012**, 58, 354-61	2.9	3

95	Aneuploidy in human spermatozoa. *Cytogenetic and Genome Research*, **2011**, 133, 91-9	1.9	92
94	Impact of sperm DNA fragmentation on the outcome of IVF with own or donated oocytes. *Reproductive BioMedicine Online*, **2011**, 23, 704-10	4	63
93	Sperm rates of 7q11.23, 15q11q13 and 22q11.2 deletions and duplications: a FISH approach. *Human Genetics*, **2011**, 129, 35-44	6.3	16
92	Complete meiosis from human induced pluripotent stem cells. *Stem Cells*, **2011**, 29, 1186-95	5.8	144
91	Interchromosomal effect analyses by sperm FISH: incidence and distribution among reorganization carriers. *Systems Biology in Reproductive Medicine*, **2011**, 57, 268-78	2.9	34
90	Hidden mosaicism in patients with Klinefelter's syndrome: implications for genetic reproductive counselling. *Human Reproduction*, **2011**, 26, 3486-93	5.7	24
89	Deletions and duplications of the 15q11-q13 region in spermatozoa from Prader-Willi syndrome fathers. *Molecular Human Reproduction*, **2010**, 16, 320-8	4.4	10
88	Role of sperm fluorescent in situ hybridization studies in infertile patients: indications, study approach, and clinical relevance. *Fertility and Sterility*, **2010**, 93, 1892-902	4.8	44
87	Meiotic behavior of three D;G Robertsonian translocations: segregation and interchromosomal effect. *Journal of Human Genetics*, **2010**, 55, 541-5	4.3	27
86	FISH on sperm: spot-counting to stop counting? Not yet. *Fertility and Sterility*, **2009**, 92, 1474-1480	4.8	11
85	Anomalías meióticas. Implicaciones en la esterilidad masculina. *Revista Internacional De Andrología*, **2008**, 6, 48-51	0.6	
84	Reciprocal translocations: tracing their meiotic behavior. *Genetics in Medicine*, **2008**, 10, 730-8	8.1	38
83	Role of sperm FISH studies in the genetic reproductive advice of structural reorganization carriers. *Human Reproduction*, **2007**, 22, 2088-92	5.7	46
82	Recombination in heterozygote inversion carriers. *Human Reproduction*, **2007**, 22, 1192	5.7	2
81	In memory of Josep Egozcue Chairman of ESHRE (1995-1997): a personal remembrance from two of his students. *Human Reproduction*, **2006**, 21, 2494-2494	5.7	
80	Genetic reproductive risk in inversion carriers. *Fertility and Sterility*, **2006**, 85, 661-6	4.8	30
79	Mitochondrial organization in prepubertal goat oocytes during in vitro maturation and fertilization. *Molecular Reproduction and Development*, **2006**, 73, 617-26	2.6	24
78	FISH studies of chromosome abnormalities in germ cells and its relevance in reproductive counseling. *Asian Journal of Andrology*, **2005**, 7, 227-36	2.8	32

77	Meiotic abnormalities in infertile males. *Cytogenetic and Genome Research*, **2005**, 111, 337-42	1.9	52
76	Sperm studies in heterozygote inversion carriers: a review. *Cytogenetic and Genome Research*, **2005**, 111, 297-304	1.9	70
75	Microtubule and microfilament organization in immature, in vitro matured and in vitro fertilized prepubertal goat oocytes. *Zygote*, **2005**, 13, 155-65	1.6	12
74	Sperm FISH studies in seven male carriers of Robertsonian translocation t(13;14)(q10;q10). *Human Reproduction*, **2004**, 19, 1345-51	5.7	71
73	Distribution of prepubertal and adult goat oocyte cortical granules during meiotic maturation and fertilisation: ultrastructural and cytochemical study. *Molecular Reproduction and Development*, **2004** , 68, 507-14	2.6	28
72	Preimplantation genetic diagnosis in patients with male meiotic abnormalities. *Reproductive BioMedicine Online*, **2004**, 8, 470-6	4	19
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, 637-44	4	15
70	Identification of meiotic anomalies with multiplex fluorescence in situ hybridization: Preliminary results. *Fertility and Sterility*, **2004**, 82, 712-7	4.8	14
69	Chromosomal abnormalities and embryo development in recurrent miscarriage couples. *Human Reproduction*, **2003**, 18, 182-8	5.7	215
68	The chemokine connection: hormonal and embryonic regulation at the human maternal-embryonic interface--a review. *Placenta*, **2003**, 24 Suppl B, S48-55	3.4	48
67	Genetic analysis of sperm and implications of severe male infertility--a review. *Placenta*, **2003**, 24 Suppl B, S62-5	3.4	43
66	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, 913-8	4.8	19
65	Outcome of intracytoplasmic sperm injection in relation to the meiotic pattern in patients with severe oligoasthenozoospermia. *Fertility and Sterility*, **2003**, 80, 91-5	4.8	8
64	Preimplantation genetic screening and human implantation. *Journal of Reproductive Immunology*, **2002**, 55, 65-72	4.2	7
63	Risk assessment and segregation analysis in a pericentric inversion inv6p23q25 carrier using FISH on decondensed sperm nuclei. *Cytogenetic and Genome Research*, **2002**, 97, 149-54	1.9	34
62	Diploid sperm and the origin of triploidy. *Human Reproduction*, **2002**, 17, 5-7	5.7	54
61	Effect of Hoechst 33342 staining on developmental competence of prepubertal goat oocytes. *Zygote*, **2002**, 10, 201-8	1.6	27
60	Meiosis and Klinefelter's syndrome. *Human Reproduction*, **2002**, 17, 3006; author reply 3006-7	5.7	5

59	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, 134-9	6.3	34
58	Acrocentric chromosome disomy is increased in spermatozoa from fathers of Turner syndrome patients. *Human Genetics*, **2001**, 108, 499-503	6.3	19
57	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, 166-72	2.6	4
56	Incidence of sperm chromosomal abnormalities in a risk population: relationship with sperm quality and ICSI outcome. *Human Reproduction*, **2001**, 16, 2084-92	5.7	144
55	Cytogenetic analysis of caprine 2- to 4-cell embryos produced in vitro. *Zygote*, **2001**, 9, 193-9	1.6	16
54	Meiotic behaviour of the sex chromosomes in three patients with sex chromosome anomalies (47,XXY, mosaic 46,XY/47,XXY and 47,XYY) assessed by fluorescence in-situ hybridization. *Human Reproduction*, **2001**, 16, 887-92	5.7	98
53	Chromosomal abnormalities in sperm. *Molecular and Cellular Endocrinology*, **2001**, 183 Suppl 1, S51-4	4.4	25
52	The decision to cancel a preimplantation genetic diagnosis cycle. *Prenatal Diagnosis*, **2000**, 20, 564-6	3.2	6
51	Interchromosomal effects for chromosome 21 in carriers of structural chromosome reorganizations determined by fluorescence in situ hybridization on sperm nuclei. *Human Genetics*, **2000**, 106, 500-5	6.3	57
50	Preimplantation genetic diagnosis. *Molecular and Cellular Endocrinology*, **2000**, 166, 21-5	4.4	5
49	Human male infertility: chromosome anomalies, meiotic disorders, abnormal spermatozoa and recurrent abortion. *Human Reproduction Update*, **2000**, 6, 93-105	15.8	224
48	Preliminary study of the incidence of disomy in sperm fractions after MicroSort flow cytometry. *Human Reproduction*, **1999**, 14, 2987-90	5.7	10
47	Changes in Zona Pellucida Surface after in vivo and in vitro Maturation of Caprine Oocytes. *Reproduction in Domestic Animals*, **1999**, 34, 417-421	1.6	3
46	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, 231-8	5.3	32
45	Implications of sperm chromosome abnormalities in recurrent miscarriage. *Journal of Assisted Reproduction and Genetics*, **1999**, 16, 253-8	3.4	64
44	Confirmation of diagnosis in preimplantation genetic diagnosis (PGD) through blastocyst culture: preliminary experience **1999**, 19, 1242-1247		35
43	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, 1033-9	4.8	115
42	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	4.8	102

41	FISH preimplantation diagnosis of chromosome aneuploidy in recurrent pregnancy wastage. *Journal of Assisted Reproduction and Genetics*, **1998**, 15, 310-3	3.4	78
40	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, 1067-72	11	72
39	Recurrent in vitro fertilization failure evaluated by fluorescence in situ hybridization: a case report. *Fertility and Sterility*, **1998**, 69, 558-60	4.8	3
38	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, 308-12	5.7	38
37	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, 275-80	1.9	42
36	Increased chromosome abnormalities in human preimplantation embryos after in-vitro fertilization in patients with recurrent miscarriage. *Reproduction, Fertility and Development*, **1998**, 10, 87-92	1.8	65
35	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	1.9	3
34	Origin of tripronucleate zygotes after intracytoplasmic sperm injection. *Human Reproduction*, **1997**, 12, 2762-5	5.7	47
33	Chromosome studies in human sperm nuclei using fluorescence in-situ hybridization (FISH). *Human Reproduction Update*, **1997**, 3, 441-52	15.8	111
32	Cryopreservation of caprine beta-lactoglobulin transgenic mouse embryos. *Cryobiology*, **1997**, 35, 290-8	2.7	5
31	Expression of caprine beta-lactoglobulin in the milk of transgenic mice. *Transgenic Research*, **1997**, 6, 69-74	3.3	8
30	Increased incidence of disomic sperm nuclei in a 47,XYY male assessed by fluorescent in situ hybridization (FISH). *Human Genetics*, **1997**, 99, 413-6	6.3	52
29	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, 761-5	6.3	34
28	Incidence of chromosome 21 disomy in human spermatozoa as determined by fluorescent in-situ hybridization. *Human Reproduction*, **1996**, 11, 722-6	5.7	96
27	Cytogenetic studies of oocyte fusion products. *Zygote*, **1995**, 3, 27-9	1.6	1
26	Early mouse preimplantation development is unaffected by microinjection of metallothionein antibodies. *Zygote*, **1995**, 3, 81-4	1.6	1
25	Evaluation of cytogenetic analysis for clinical preimplantation diagnosis. *Fertility and Sterility*, **1995**, 64, 44-50	4.8	27
24	Sexing sibling mouse blastomeres by polymerase chain reaction and fluorescent in-situ hybridization. *Human Reproduction*, **1994**, 9, 2145-9	5.7	9

23	Ultrastructural studies of early mouse embryos obtained by oocyte fusion. *Zygote*, **1994**, 2, 15-28	1.6	4
22	Twin pregnancy after preimplantation diagnosis for sex selection. *Human Reproduction*, **1994**, 9, 2156-9	5.7	22
21	Effect of zinc and copper on preimplantation mouse embryo development in vitro and metallothionein levels. *Zygote*, **1993**, 1, 225-9	1.6	16
20	Sephadex filtration and human serum albumin gradients do not select spermatozoa by sex chromosome: a fluorescent in-situ hybridization study. *Human Reproduction*, **1993**, 8, 1740-3	5.7	99
19	Cytogenetic sexing of mouse embryos. *Human Reproduction*, **1993**, 8, 470-4	5.7	5
18	XY-trivalent association and synaptic anomalies in a male carrier of a Robertsonian t(13;14) translocation. *Human Reproduction*, **1991**, 6, 376-81	5.7	45
17	Scanning electron microscope (SEM) study of mouse embryos obtained from isolated blastomeres. *Journal of in Vitro Fertilization and Embryo Transfer: IVF*, **1991**, 8, 279-85		7
16	Effects of aging on the zona pellucida surface of mouse oocytes. *Journal of in Vitro Fertilization and Embryo Transfer: IVF*, **1988**, 5, 225-9		23
15	Synaptonemal complex studies in the male. *Human Reproduction*, **1987**, 2, 577-81	5.7	14
14	Study of synaptonemal complexes in human semen: results in the first 26 consecutive cases. *Human Reproduction*, **1986**, 1, 121-3	5.7	3
13	Meiotic chromosome studies and synaptonemal complex analyses by light and electron microscopy in 47 infertile or sterile males. *Human Reproduction*, **1986**, 1, 523-7	5.7	16
12	A new synaptic anomaly: irregular synaptonemal complexes. *Human Genetics*, **1986**, 72, 272-4	6.3	3
11	Improved technique for the study of meiosis in ejaculate: results of the first 50 consecutive cases. *Human Genetics*, **1986**, 72, 275-7	6.3	3
10	Meiotic studies and synaptonemal complex analysis in two infertile males with a 13/14 balanced translocation. *Human Genetics*, **1984**, 67, 162-5	6.3	28
9	Meiotic translocations in two sterile males. *Human Genetics*, **1984**, 67, 239	6.3	4
8	Development and behavior of synaptonemal complexes in human spermatocytes by light and electron microscopy. *Human Genetics*, **1984**, 68, 142-7	6.3	11
7	Synaptonemal complex studies in a mosaic 46,XY/47,XXY male. *Human Genetics*, **1984**, 66, 306-8	6.3	36
6	Meiotic studies in a series of 1100 infertile and sterile males. *Human Genetics*, **1983**, 65, 185-8	6.3	116

5	Meiotic and synaptonemal complex studies in a 14/21 translocation carrier. *Journal of Developmental and Physical Disabilities*, **1982**, 5, 21-6		46
4	Meiotic and synaptonemal complex studies in 45 subfertile males. *Human Genetics*, **1982**, 60, 301-4	6.3	28
3	A new meiotic mutation: desynapsis of individual bivalents. *Human Genetics*, **1981**, 59, 345-8	6.3	36
2	A method for the sequential study of synaptonemal complexes by light and electron microscopy. *Human Genetics*, **1981**, 59, 419-21	6.3	50
1	Blastocyst biopsy186-192		1