

Jose Antonio Castilla

List of Publications by Citations

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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.

86 papers	2,509 citations	20 h-index	49 g-index
87 ext. papers	2,849 ext. citations	3.4 avg, IF	4.17 L-index

#	Paper	IF	Citations
86	Assisted reproductive technology in Europe, 2006: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2010 , 25, 1851-62	5.7	317
85	Assisted reproductive technology in Europe, 2010: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2014 , 29, 2099-113	5.7	292
84	Assisted reproductive technology in Europe, 2009: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2013 , 28, 2318-31	5.7	244
83	Assisted reproductive technology in Europe, 2008: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2012 , 27, 2571-84	5.7	205
82	Assisted reproductive technology in Europe, 2012: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2016 , 31, 1638-52	5.7	203
81	Assisted reproductive technology in Europe, 2011: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2016 , 31, 233-48	5.7	157
80	Assisted reproductive technology in Europe, 2007: results generated from European registers by ESHRE. <i>Human Reproduction</i> , 2012 , 27, 954-66	5.7	121
79	Biological variation of seminal parameters in healthy subjects. <i>Human Reproduction</i> , 2003 , 18, 2082-8	5.7	118
78	Is natural conception a valid option for HIV-serodiscordant couples?. <i>Human Reproduction</i> , 2007 , 22, 2353-8	5.7	64
77	Influence of analytical and biological variation on the clinical interpretation of seminal parameters. <i>Human Reproduction</i> , 2006 , 21, 847-51	5.7	52
76	External quality control program for semen analysis: Spanish experience. <i>Journal of Assisted Reproduction and Genetics</i> , 2005 , 22, 379-87	3.4	42
75	Proposal of guidelines for the appraisal of SEMen QUALity studies (SEMQUA). <i>Human Reproduction</i> , 2013 , 28, 10-21	5.7	39
74	Influence of incubation on the chromatin condensation and nuclear stability of human spermatozoa by flow cytometry. <i>Human Reproduction</i> , 1995 , 10, 1280-6	5.7	36
73	Sperm chromatin structure assay and classical semen parameters: systematic review. <i>Reproductive BioMedicine Online</i> , 2010 , 20, 114-24	4	32
72	Adrenal hormones in human follicular fluid. <i>European Journal of Endocrinology</i> , 1992 , 127, 403-6	6.5	27
71	Apoptosis in human granulosa cells after induction of ovulation in women participating in an intracytoplasmic sperm injection program. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2003 , 110, 181-5	2.4	24
70	Decreased sperm function of patients with myotonic muscular dystrophy. <i>Human Reproduction</i> , 2000 , 15, 445-8	5.7	24

69	CD4+ cells in human ejaculates. <i>Human Reproduction</i> , 1995 , 10, 2923-7	5.7	24
68	Genetic Landscape of Nonobstructive Azoospermia and New Perspectives for the Clinic. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	22
67	Undetectable expression of genomic progesterone receptor in human spermatozoa. <i>Human Reproduction</i> , 1995 , 10, 1757-60	5.7	22
66	Acceptable variability in external quality assessment programmes for basic semen analysis. <i>Human Reproduction</i> , 2012 , 27, 314-22	5.7	20
65	Comparison of methods to determine the assigned value in an external quality control programme for embryo evaluation. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 824-9	4	17
64	Serum CA-125 in the diagnosis of acute pelvic inflammatory disease. <i>International Journal of Gynecology and Obstetrics</i> , 1994 , 44, 53-7	4	17
63	Luteal cytoplasmic estradiol and progesterone receptors in human endometrium: in vitro fertilization and normal cycles. <i>Fertility and Sterility</i> , 1989 , 51, 976-9	4.8	17
62	Mononuclear cell subpopulations in human follicular fluid from stimulated cycles. <i>American Journal of Reproductive Immunology</i> , 1990 , 22, 127-9	3.8	16
61	Inter-laboratory agreement on embryo classification and clinical decision: Conventional morphological assessment vs. time lapse. <i>PLoS ONE</i> , 2017 , 12, e0183328	3.7	15
60	External quality control for embryology laboratories. <i>Reproductive BioMedicine Online</i> , 2010 , 20, 68-74	4	15
59	Chromatin status in human ejaculated spermatozoa from infertile patients and relationship to seminal parameters. <i>Human Reproduction</i> , 2001 , 16, 534-9	5.7	15
58	Randomised clinical trial comparing elective single-embryo transfer followed by single-embryo cryotransfer versus double embryo transfer. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014 , 178, 192-8	2.4	14
57	Assisted reproductive technologies in public and private clinics. <i>Reproductive BioMedicine Online</i> , 2009 , 19, 872-8	4	14
56	Evolving minimum standards in responsible international sperm donor offspring quota. <i>Reproductive BioMedicine Online</i> , 2015 , 30, 568-80	4	13
55	Quality specifications for seminal parameters based on the state of the art. <i>Human Reproduction</i> , 2005 , 20, 2573-8	5.7	13
54	Follicular fluid alpha-fetoprotein, carcinoembryonic antigen, and CA-125 levels in relation to in vitro fertilization and gonadotropin and steroid hormone concentrations. <i>Fertility and Sterility</i> , 1993 , 59, 1257-60	4.8	13
53	Analysing endometrial microbiome: methodological considerations and recommendations for good practice. <i>Human Reproduction</i> , 2021 , 36, 859-879	5.7	12
52	Obstetric and neo-natal outcomes of ICSI cycles using pentoxifylline to identify viable spermatozoa in patients with immotile spermatozoa. <i>Reproductive BioMedicine Online</i> , 2017 , 34, 414-421	4	11

51	Expression of transcription factors in endometrium during natural cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2003 , 20, 474-81	3.4	11
50	Coverage and current practice patterns regarding assisted reproduction techniques. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008 , 138, 3-9	2.4	10
49	Detection of pvuII polymorphism within intron 1 of ESR1 gene by real-time PCR. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 392-3	5.9	10
48	Effectiveness of a psychological intervention focused on stress management for women prior to IVF. <i>Journal of Reproductive and Infant Psychology</i> , 2020 , 38, 113-126	2.9	10
47	Impact of the Spanish Fertility Society guidelines on the number of embryos to transfer. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 667-75	4	9
46	Immunosuppressive properties of human follicular fluid. <i>Fertility and Sterility</i> , 1990 , 53, 271-5	4.8	9
45	Assisted reproductive technology and obstetric outcome in couples when the male partner has a chronic viral disease. <i>International Journal of Fertility & Sterility</i> , 2014 , 7, 291-300	1.9	9
44	Reliability and agreement on embryo assessment: 5 years of an external quality control programme. <i>Reproductive BioMedicine Online</i> , 2018 , 36, 259-268	4	8
43	Quality specifications for seminal parameters based on clinicians' opinions. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008 , 68, 68-76	2	8
42	Effect of Monotherapy with Darunavir/Ritonavir on Viral Load in Seminal Fluid, and Quality Parameters of Semen in HIV-1-Positive Patients. <i>PLoS ONE</i> , 2016 , 11, e0159305	3.7	8
41	PGS-FISH in reproductive medicine and perspective directions for improvement: a systematic review. <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 747-57	3.4	7
40	Procedure control and acceptance sampling plans for donor sperm banks: a theoretical study. <i>Cell and Tissue Banking</i> , 2007 , 8, 257-65	2.2	7
39	Defining poor and optimum performance in an IVF programme. <i>Human Reproduction</i> , 2008 , 23, 85-90	5.7	7
38	Increase of large granular lymphocytes in human ejaculate containing antisperm antibodies. <i>Human Reproduction</i> , 1998 , 13, 296-301	5.7	7
37	Thyroid hormones in fibrocystic breast disease. <i>European Journal of Endocrinology</i> , 1995 , 132, 673-6	6.5	7
36	Distribution of free amino acids in human preovulatory follicles. <i>Hormone and Metabolic Research</i> , 1993 , 25, 228-30	3.1	7
35	Economic evaluation of elective single-embryo transfer with subsequent single frozen embryo transfer in an in vitro fertilization/intracytoplasmic sperm injection program. <i>Fertility and Sterility</i> , 2015 , 103, 699-706	4.8	6
34	Cumulative live birth rate after two single frozen embryo transfers (eSFET) versus a double frozen embryo transfer (DFET) with cleavage stage embryos: a retrospective cohort study. <i>Journal of Assisted Reproduction and Genetics</i> , 2014 , 31, 1621-7	3.4	6

33	Comparison of IVF cycles reported in a voluntary ART registry with a mandatory registry in Spain. <i>Human Reproduction</i> , 2010 , 25, 3066-71	5.7	6
32	Expression of integrin fraction and adhesion molecules on human granulosa cells and its relation with oocyte maturity and follicular steroidogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2004 , 21, 187-95	3.4	6
31	Critical appraisal of the Vienna consensus: performance indicators for assisted reproductive technology laboratories. <i>Reproductive BioMedicine Online</i> , 2018 , 37, 128-132	4	5
30	Genetic testing of sperm donors for cystic fibrosis and spinal muscular atrophy: evaluation of clinical utility. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 170, 183-7	2.4	5
29	Evoluci3n del m3todo de fecundaci3n in vitro en Espa3a: 1993-2010. <i>Revista Internacional De Androlog3a</i> , 2013 , 11, 48-53	0.6	5
28	Adherence to reporting guidelines in observational studies concerning exposure to persistent organic pollutants and effects on semen parameters. <i>Human Reproduction</i> , 2014 , 29, 1122-33	5.7	5
27	Lack of expression of HLA antigens on immature germ cells from ejaculates with antisperm antibodies. <i>American Journal of Reproductive Immunology</i> , 1993 , 30, 9-14	3.8	5
26	EmbryologistsShealth: a nationwide online questionnaire. <i>Journal of Assisted Reproduction and Genetics</i> , 2014 , 31, 1587-97	3.4	4
25	Short-lived suppressor cell activity during normal human pregnancy. <i>Journal of Reproductive Immunology</i> , 1990 , 18, 139-45	4.2	4
24	Registro de fecundaci3n in vitro e inyecci3n esperm3tica intracitoplasm3tica de la Sociedad Espa3ola de Fertilidad de los a3os 2010 y 2011. <i>Medicina Reproductiva Y Embriolog3a Cl3nica</i> , 2014 , 1, 33-42	0.1	3
23	CA 125, CA 15.3, CA 27.29, CEA, beta-hCG and alpha-fetoprotein levels in cyst fluid of breast macrocysts. <i>International Journal of Gynecology and Obstetrics</i> , 1995 , 48, 187-92	4	3
22	Intracystic lipidic profile in fibrocystic breast disease. <i>Gynecological Endocrinology</i> , 1994 , 8, 287-92	2.4	3
21	CD8+ lymphocyte subsets in human follicular fluid. <i>Fertility and Sterility</i> , 1992 , 57, 1124-5	4.8	3
20	Intronic variation of the SOHLH2 gene confers risk to male reproductive impairment. <i>Fertility and Sterility</i> , 2020 , 114, 398-406	4.8	3
19	Reducing inter-observer variability in embryo evaluation by means of training courses. <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 1129-33	3.4	2
18	Tumour necrosis factor-alpha and interleukin-1 and -6 in fibrocystic breast disease. <i>Breast Cancer Research and Treatment</i> , 1999 , 54, 159-64	4.4	2
17	Evaluation of Male Fertility-Associated Loci in a European Population of Patients with Severe Spermatogenic Impairment. <i>Journal of Personalized Medicine</i> , 2020 , 11,	3.6	2
16	Effect and in silico characterization of genetic variants associated with severe spermatogenic disorders in a large Iberian cohort. <i>Andrology</i> , 2021 , 9, 1151-1165	4.2	2

15	Effect of monotherapy with darunavir/cobicistat on viral load and semen quality of HIV-1 patients. <i>PLoS ONE</i> , 2018 , 13, e0196257	3.7	2
14	Análisis de los indicadores de calidad entre los diferentes centros públicos españoles en técnicas de reproducción asistida; benchmarking. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2020 , 7, 51-59	0.1	1
13	Registro FIV/ICSI de la Sociedad Española de Fertilidad de los años 2012 y 2013. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2017 , 4, 143-153	0.1	1
12	Influence of incubation on the chromatin condensation and nuclear stability of human spermatozoa by flow cytometry. <i>Molecular Human Reproduction</i> , 1995 , 1, 116-122	4.4	1
11	Carriers of cystic fibrosis among sperm donors: complete CFTR gene analysis versus CFTR genotyping. <i>Fertility and Sterility</i> , 2020 , 114, 524-534	4.8	1
10	Registro Nacional de Actividad-Registro de la Sociedad Española de Fertilidad de fecundación in vitro e inyección espermática intracitoplasmática. Años 2014 y 2015. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2018 , 5, 97-108	0.1	1
9	Application of a sperm survival test: Results from an external quality control programme. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018 , 230, 55-59	2.4	1
8	Maximum number of children per sperm donor based on false paternity rate. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 345-348	3.4	
7	Influencia de la procedencia de los espermatozoides (testículo o eyaculado) en ciclos de ICSI de parejas estériles por factor masculino severo. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2020 , 7, 60-67	0.1	
6	Reactive sacroiliitis as late sequela after severe pelvic inflammatory disease verified by laparoscopy or laparotomy. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 1994 , 73, 324-7	3.8	
5	Lymphocyte abnormalities in premature menopause. <i>Fertility and Sterility</i> , 1990 , 54, 364-6	4.8	
4	Valoración de los indicadores de calidad de ASEBIR y Consenso de Viena para el laboratorio de embriología: opinión de los usuarios. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2021 , 8, 9-15	0.1	
3	Sperm Cryopreservation 2022 , 218-255		
2	Quality Management and Accreditation 2022 , 262-289		
1	Common Variation in the PIN1 Locus Increases the Genetic Risk to Suffer from Sertoli Cell-Only Syndrome. <i>Journal of Personalized Medicine</i> , 2022 , 12, 932	3.6	