

Anna Veiga

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.

138
papers

5,745
citations

41
h-index

73
g-index

142
ext. papers

6,419
ext. citations

5.4
avg, IF

5.21
L-index

#	Paper	IF	Citations
138	Disease-corrected haematopoietic progenitors from Fanconi anaemia induced pluripotent stem cells. <i>Nature</i> , 2009 , 460, 53-9	50.4	580
137	Generation of induced pluripotent stem cells from human cord blood using OCT4 and SOX2. <i>Cell Stem Cell</i> , 2009 , 5, 353-7	18	334
136	Human male infertility: chromosome anomalies, meiotic disorders, abnormal spermatozoa and recurrent abortion. <i>Human Reproduction Update</i> , 2000 , 6, 93-105	15.8	224
135	Are clinical and biological IVF parameters correlated with chromosomal disorders in early life: a multicentric study. <i>Human Reproduction</i> , 1988 , 3, 627-35	5.7	196
134	Waves of early transcriptional activation and pluripotency program initiation during human preimplantation development. <i>Development (Cambridge)</i> , 2011 , 138, 3699-709	6.6	183
133	A confocal microscopy analysis of the spindle and chromosome configurations of human oocytes cryopreserved at the germinal vesicle and metaphase II stage. <i>Human Reproduction</i> , 2002 , 17, 1885-91	5.7	176
132	New ISSCR guidelines underscore major principles for responsible translational stem cell research. <i>Cell Stem Cell</i> , 2008 , 3, 607-9	18	175
131	The influence of the depth of embryo replacement into the uterine cavity on implantation rates after IVF: a controlled, ultrasound-guided study. <i>Human Reproduction</i> , 2002 , 17, 341-6	5.7	150
130	Complete meiosis from human induced pluripotent stem cells. <i>Stem Cells</i> , 2011 , 29, 1186-95	5.8	144
129	Embryo transfer under ultrasound guidance improves pregnancy rates after in-vitro fertilization. <i>Human Reproduction</i> , 2000 , 15, 616-20	5.7	137
128	Laser blastocyst biopsy for preimplantation diagnosis in the human. <i>Zygote</i> , 1997 , 5, 351-4	1.6	117
127	Isolation and production of cells suitable for human therapy: challenges ahead. <i>Cell Stem Cell</i> , 2009 , 4, 20-6	18	110
126	Update on fertility preservation from the Barcelona International Society for Fertility Preservation-ESHRE-ASRM 2015 expert meeting: indications, results and future perspectives. <i>Fertility and Sterility</i> , 2017 , 108, 407-415.e11	4.8	108
125	Current issues in medically assisted reproduction and genetics in Europe: research, clinical practice, ethics, legal issues and policy. European Society of Human Genetics and European Society of Human Reproduction and Embryology. <i>European Journal of Human Genetics</i> , 2013 , 21 Suppl 2, S1-21	5.3	107
124	Birth weight and sex ratio after transfer at the blastocyst stage in humans. <i>Fertility and Sterility</i> , 1999 , 72, 221-4	4.8	105
123	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. <i>Fertility and Sterility</i> , 1999 , 72, 696-701	4.8	102
122	Sephadex filtration and human serum albumin gradients do not select spermatozoa by sex chromosome: a fluorescent in-situ hybridization study. <i>Human Reproduction</i> , 1993 , 8, 1740-3	5.7	99

121	A European multicentre prospective randomized study to assess the use of assisted hatching with a diode laser and the benefit of an immunosuppressive/antibiotic treatment in different patient populations. <i>Human Reproduction</i> , 2004 , 19, 2325-33	5.7	93
120	Time to take human embryo culture seriously. <i>Human Reproduction</i> , 2016 , 31, 2174-82	5.7	90
119	How does vitrification affect oocyte viability in oocyte donation cycles? A prospective study to compare outcomes achieved with fresh versus vitrified sibling oocytes. <i>Human Reproduction</i> , 2013 , 28, 2087-92	5.7	87
118	Generation of induced pluripotent stem cells from human cord blood cells with only two factors: Oct4 and Sox2. <i>Nature Protocols</i> , 2010 , 5, 811-20	18.8	80
117	Health and fertility in World Health Organization group 2 anovulatory women. <i>Human Reproduction Update</i> , 2012 , 18, 586-99	15.8	79
116	Reprogramming of human fibroblasts to induced pluripotent stem cells under xeno-free conditions. <i>Stem Cells</i> , 2010 , 28, 36-44	5.8	77
115	Successful use of a laser for human embryo biopsy in preimplantation genetic diagnosis: report of two cases. <i>Journal of Assisted Reproduction and Genetics</i> , 1998 , 15, 302-7	3.4	73
114	Chromosome studies in oocytes and zygotes from an IVF programme. <i>Human Reproduction</i> , 1987 , 2, 425-30	5.9	72
113	Meiotic abnormalities and spermatogenic parameters in severe oligoasthenozoospermia. <i>Human Reproduction</i> , 1999 , 14, 375-8	5.7	71
112	Neuronopathic Gaucher's disease: induced pluripotent stem cells for disease modelling and testing chaperone activity of small compounds. <i>Human Molecular Genetics</i> , 2013 , 22, 633-45	5.6	70
111	Fundamentals of human embryonic growth in vitro and the selection of high-quality embryos for transfer. <i>Reproductive BioMedicine Online</i> , 2002 , 5, 328-50	4	65
110	Analysis of nine chromosome probes in first polar bodies and metaphase II oocytes for the detection of aneuploidies. <i>European Journal of Human Genetics</i> , 2003 , 11, 325-36	5.3	63
109	Genome engineering through CRISPR/Cas9 technology in the human germline and pluripotent stem cells. <i>Human Reproduction Update</i> , 2016 , 22, 411-9	15.8	63
108	Reprogramming with defined factors: from induced pluripotency to induced transdifferentiation. <i>Molecular Human Reproduction</i> , 2010 , 16, 856-68	4.4	59
107	Pregnancy after the replacement of a frozen-thawed embryo with less than 50% intact blastomeres. <i>Human Reproduction</i> , 1987 , 2, 321-3	5.7	57
106	Stem cells in reproductive medicine: ready for the patient?. <i>Human Reproduction</i> , 2015 , 30, 2014-21	5.7	53
105	Dedifferentiation, transdifferentiation, and reprogramming: future directions in regenerative medicine. <i>Seminars in Reproductive Medicine</i> , 2013 , 31, 82-94	1.4	52
104	Applications of ovarian tissue transplantation in experimental biology and medicine. <i>Human Reproduction Update</i> , 2003 , 9, 471-81	15.8	52

103	Intracytoplasmic sperm injection versus conventional in-vitro fertilization: first results. <i>Human Reproduction</i> , 1995 , 10, 2835-9	5.7	48
102	Assisted reproductive technology (ART) in humans: facts and uncertainties. <i>Theriogenology</i> , 2000 , 53, 599-610	2.8	46
101	Rapid establishment of the European Bank for induced Pluripotent Stem Cells (EBiSC) - the Hot Start experience. <i>Stem Cell Research</i> , 2017 , 20, 105-114	1.6	45
100	Generation of cardiomyocytes from new human embryonic stem cell lines derived from poor-quality blastocysts. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008 , 73, 127-35	3.9	43
99	Current issues in medically assisted reproduction and genetics in Europe: research, clinical practice, ethics, legal issues and policy. <i>Human Reproduction</i> , 2014 , 29, 1603-9	5.7	42
98	The usefulness of ultrasound guidance in frozen-thawed embryo transfer: a prospective randomized clinical trial. <i>Human Reproduction</i> , 2002 , 17, 2885-90	5.7	41
97	Effect of using an echogenic catheter for ultrasound-guided embryo transfer in an IVF programme: a prospective, randomized, controlled study. <i>Human Reproduction</i> , 2006 , 21, 1809-15	5.7	40
96	A Standard Nomenclature for Referencing and Authentication of Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018 , 10, 1-6	8	39
95	hPSCreg--the human pluripotent stem cell registry. <i>Nucleic Acids Research</i> , 2016 , 44, D757-63	20.1	38
94	Economic aspects of infertility care: a challenge for researchers and clinicians. <i>Human Reproduction</i> , 2015 , 30, 2243-8	5.7	37
93	Does culture medium influence offspring birth weight?. <i>Fertility and Sterility</i> , 2013 , 100, 1283-8	4.8	37
92	A physiological replacement for polyvinylpyrrolidone (PVP) in assisted reproductive technology. <i>Human Fertility</i> , 2001 , 4, 99-103	1.9	37
91	Two decades of embryonic stem cells: a historical overview. <i>Human Reproduction Open</i> , 2019 , 2019, hoy024	0.24	34
90	NGS-Based Assay for the Identification of Individuals Carrying Recessive Genetic Mutations in Reproductive Medicine. <i>Human Mutation</i> , 2016 , 37, 516-23	4.7	33
89	Live birth using vitrified--warmed oocytes in invasive ovarian cancer: case report and literature review. <i>Reproductive BioMedicine Online</i> , 2014 , 28, 663-8	4	31
88	Increased incidence of meiotic anomalies in oligoasthenozoospermic males preselected for intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 2000 , 17, 307-9	3.4	31
87	Elective single-embryo transfer in oocyte donation programmes: Should it be the rule?. <i>Reproductive BioMedicine Online</i> , 2012 , 25, 642-8	4	27
86	Evaluation of cytogenetic analysis for clinical preimplantation diagnosis. <i>Fertility and Sterility</i> , 1995 , 64, 44-50	4.8	27

85	Assisted reproduction and COVID-19: a joint statement of ASRM, ESHRE and IFFS. <i>Human Reproduction Open</i> , 2020 , 2020, hoaa033	6.1	27
84	In vitro development and chromosome constitution of embryos derived from monopronucleated zygotes after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2013 , 99, 897-902.e1	4.8	25
83	Birth after transfer of frozen-thawed vitrified biopsied blastocysts. <i>Journal of Assisted Reproduction and Genetics</i> , 2007 , 24, 147-9	3.4	25
82	Preimplantation genetic diagnosis (PGD), a collaborative activity of clinical genetic departments and IVF centres. <i>Prenatal Diagnosis</i> , 2001 , 21, 1086-92	3.2	25
81	Comparative study of human embryonic stem cells (hESC) and human induced pluripotent stem cells (hiPSC) as a treatment for retinal dystrophies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016 , 3, 16010	6.4	24
80	Cancer and fertility preservation: Barcelona consensus meeting. <i>Gynecological Endocrinology</i> , 2013 , 29, 285-91	2.4	23
79	The changing landscape of European and international regulation on embryonic stem cell research. <i>Stem Cell Research</i> , 2009 , 2, 101-7	1.6	23
78	Twin pregnancy after preimplantation diagnosis for sex selection. <i>Human Reproduction</i> , 1994 , 9, 2156-9	5.7	22
77	Protect us from poor-quality medical research. <i>Human Reproduction</i> , 2018 , 33, 770-776	5.7	21
76	Correlation between embryological factors and pregnancy rate: development of an embryo score in a cryopreservation programme. <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 129-36	3.4	21
75	Concise review: fertility preservation: an update. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 668-72	6.9	20
74	A retrospective follow-up study on intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 1999 , 16, 227-32	3.4	20
73	Preimplantation genetic diagnosis in patients with male meiotic abnormalities. <i>Reproductive BioMedicine Online</i> , 2004 , 8, 470-6	4	19
72	Stimulation protocols for poor responders and aged women. <i>Molecular and Cellular Endocrinology</i> , 2000 , 166, 15-20	4.4	19
71	Assisted reproduction and COVID-19: A joint statement of ASRM, ESHRE and IFFS. <i>Fertility and Sterility</i> , 2020 , 114, 484-485	4.8	19
70	Creation of a registry for human embryonic stem cells carrying an inherited defect: joint collaboration between ESHRE and hESCreg. <i>Human Reproduction</i> , 2009 , 24, 1556-60	5.7	18
69	Could monopronucleated ICSI zygotes be considered for transfer? Analysis through time-lapse monitoring and PGS. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 905-911	3.4	17
68	Combined strategy for fertility preservation in an oncologic patient: vitrification of in vitro matured oocytes and ovarian tissue freezing. <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 1147-9	3.4	17

67	In vitro fertilization and blastocyst transfer for carriers of chromosomal translocation. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2001 , 96, 193-5	2.4	17
66	Selecting embryos with the highest implantation potential using data mining and decision tree based on classical embryo morphology and morphokinetics. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 983-990	3.4	17
65	Analysis of factors associated with multiple pregnancy in an oocyte donation programme. <i>Reproductive BioMedicine Online</i> , 2010 , 21, 694-9	4	15
64	International stem cell registries. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010 , 46, 242-6	2.6	15
63	Current status of preimplantation diagnosis. <i>Journal of Assisted Reproduction and Genetics</i> , 1997 , 14, 72-5	3.4	15
62	A picture of medically assisted reproduction activities during the COVID-19 pandemic in Europe. <i>Human Reproduction Open</i> , 2020 , 2020, hoaa035	6.1	15
61	Transition from blastomere to trophectoderm biopsy: comparing two preimplantation genetic testing for aneuploidies strategies. <i>Zygote</i> , 2018 , 26, 191-198	1.6	14
60	Female human pluripotent stem cells rapidly lose X chromosome inactivation marks and progress to a skewed methylation pattern during culture. <i>Molecular Human Reproduction</i> , 2016 , 22, 285-98	4.4	13
59	Influence of spermatogenic profile and meiotic abnormalities on reproductive outcome of infertile patients. <i>Reproductive BioMedicine Online</i> , 2005 , 10, 735-9	4	13
58	Two years of assisted fertilization by partial zona dissection in male factor infertility patients. <i>Fertility and Sterility</i> , 1993 , 60, 105-9	4.8	13
57	Joint IFFS/ESHRE statement on COVID-19 vaccination for pregnant women and those considering pregnancy. <i>Human Reproduction Open</i> , 2021 , 2021, hoab016	6.1	13
56	Prevention of multiple pregnancy following IVF in Spain. <i>Reproductive BioMedicine Online</i> , 2006 , 13, 856-63	4.3	12
55	Is it justified to transfer two embryos in oocyte donation? A pilot randomized clinical trial. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 154-61	4	11
54	Developmental prognosis for zygotes based on pronuclear pattern: usefulness of pronuclear scoring. <i>Journal of Assisted Reproduction and Genetics</i> , 2007 , 24, 173-81	3.4	11
53	First evaluation of the European hESCreg. <i>Nature Biotechnology</i> , 2008 , 26, 859-60	44.5	10
52	Vitrified blastocysts from Preimplantation Genetic Diagnosis (PGD) as a source for human Embryonic Stem Cell (hESC) derivation. <i>Journal of Assisted Reproduction and Genetics</i> , 2012 , 29, 1013-20	3.4	9
51	Accumulation of instability in serial differentiation and reprogramming of parthenogenetic human cells. <i>Human Molecular Genetics</i> , 2012 , 21, 3366-73	5.6	9
50	Spermatogenic patterns and early embryo development after intracytoplasmic sperm injection in severe oligoasthenozoospermia. <i>Journal of Assisted Reproduction and Genetics</i> , 2003 , 20, 106-12	3.4	9

49	Outcome of intracytoplasmic sperm injection in relation to the meiotic pattern in patients with severe oligoasthenozoospermia. <i>Fertility and Sterility</i> , 2003 , 80, 91-5	4.8	8
48	Deconstructing the myth of poor prognosis for fast-cleaving embryos on day 3. Is it time to change the consensus?. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 2299-2305	3.4	7
47	Access to stem cell data and registration of pluripotent cell lines: The Human Pluripotent Stem Cell Registry (hPSCreg). <i>Stem Cell Research</i> , 2020 , 47, 101887	1.6	7
46	Generation of six multiple sclerosis patient-derived induced pluripotent stem cell lines. <i>Stem Cell Research</i> , 2017 , 24, 155-159	1.6	7
45	Regulatory insight into the European human pluripotent stem cell registry. <i>Stem Cells and Development</i> , 2014 , 23 Suppl 1, 51-5	4.4	7
44	Derivation of human embryonic stem cells at the Center of Regenerative Medicine in Barcelona. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010 , 46, 356-66	2.6	7
43	Generation of integration-free induced pluripotent stem cell lines derived from two patients with X-linked Alport syndrome (XLAS). <i>Stem Cell Research</i> , 2017 , 25, 291-295	1.6	6
42	Culture systems: embryo co-culture. <i>Methods in Molecular Biology</i> , 2012 , 912, 231-47	1.4	6
41	Multicellular organoids from human induced pluripotent stem cells displayed retinal, corneal, and retinal pigment epithelium lineages. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 581	8.3	6
40	Embryo implantation in the laboratory: an update on current techniques. <i>Human Reproduction Update</i> , 2021 , 27, 501-530	15.8	6
39	Repopulation of decellularized retinas with hiPSC-derived retinal pigment epithelial and ocular progenitor cells shows cell engraftment, organization and differentiation. <i>Biomaterials</i> , 2021 , 276, 121049	15.6	6
38	The influence of social factors on gender health. <i>Human Reproduction</i> , 2016 , 31, 1631-7	5.7	5
37	Integration-free induced pluripotent stem cells derived from a patient with autosomal recessive Alport syndrome (ARAS). <i>Stem Cell Research</i> , 2017 , 25, 1-5	1.6	5
36	Heterotopic pregnancy in a cross border oocyte donation patient: the importance of cooperation between centers. <i>Fertility and Sterility</i> , 2011 , 95, 2432.e13-5	4.8	5
35	Epigenetics and assisted reproductive technology. <i>Fertility and Sterility</i> , 2006 , 85, 269; author reply 269-708	4.0	5
34	Spanish regulations on assisted reproduction techniques. <i>Journal of Assisted Reproduction and Genetics</i> , 2003 , 20, 271-5	3.4	5
33	A mini-atlas of the human blastocyst in vitro. <i>Zygote</i> , 1999 , 7, 61-5	1.6	5
32	Cell therapy with hiPSC-derived RPE cells and RPCs prevents visual function loss in a rat model of retinal degeneration. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021 , 20, 688-702	6.4	5

31	The calm after the storm: re-starting ART treatments safely in the wake of the COVID-19 pandemic. <i>Human Reproduction</i> , 2021 , 36, 275-282	5.7	5
30	Inconclusive results in preimplantation genetic testing: go for a second biopsy?. <i>Gynecological Endocrinology</i> , 2019 , 35, 90-92	2.4	4
29	Prevalence, types and possible factors influencing mosaicism in IVF blastocysts: results from a single setting. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 55-65	4	4
28	Pronuclear morphology, embryo development and chromosome constitution. <i>Reproductive BioMedicine Online</i> , 2010 , 20, 649-55	4	3
27	Treatment of polycystic ovary patients undergoing IVF. <i>Journal of Assisted Reproduction and Genetics</i> , 1997 , 14, 10-2	3.4	3
26	Chromosomal analysis of blastocyst derived from monopronucleated ICSI zygotes: approach by double trophectoderm biopsy. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2017 , 21, 203-207	1.7	3
25	Expression of the T85A mutant of zebrafish aquaporin 3b improves post-thaw survival of cryopreserved early mammalian embryos. <i>Zygote</i> , 2016 , 24, 839-847	1.6	3
24	Single or double embryo transfer? Decision-making process in patients participating in an oocyte donation program. <i>Gynecological Endocrinology</i> , 2020 , 36, 365-369	2.4	3
23	Evaluation of the Spanish population coverage of a prospective HLA haplobank of induced pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 233	8.3	2
22	Outcomes of SARS-CoV-2 infected pregnancies after medically assisted reproduction. <i>Human Reproduction</i> , 2021 , 36, 2883-2890	5.7	2
21	Transplantation of Human Induced Pluripotent Stem Cell-Derived Retinal Pigment Epithelium in a Swine Model of Geographic Atrophy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
20	Morphokinetics and developmental potential of monopronucleated ICSI zygotes until the blastocyst stage. <i>Zygote</i> , 2020 , 28, 217-222	1.6	1
19	Establishing a program of oocyte donation in Brazil. <i>Fertility and Sterility</i> , 1992 , 57, 439-41	4.8	1
18	Chromosome anomalies in mouse zygotes treated by growth hormone-releasing factor. <i>Human Reproduction</i> , 1992 , 7, 1394-5	5.7	1
17	Blastocyst biopsy186-192		1
16	Does early cleavage correlate with chromosome constitution in human preimplantation embryos?. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2015 , 2, 31-39	0.1	
15	Pluripotent stem cell regulation in Spain and the Spanish National Stem Cell Bank. <i>Stem Cell Research</i> , 2020 , 48, 101956	1.6	
14	Pluripotent Stem Cell Banks 2018 , 337-367		

- 13 Embriones multinucleados: criterios para la transferencia. *Medicina Reproductiva Y Embriología Clínica*, **2017**, 4, 96-102 0.1
- 12 Cribado ampliado de portadores en un programa de donaci3n de ovocitos: Implementaci3n de un nuevo test y resultados tras dos a3os de experiencia. *Medicina Reproductiva Y Embriología Clínica*, **2017**, 4, 113-121 0.1
- 11 Neuronopathic Gaucher's disease: induced pluripotent stem cells for disease modelling and testing chaperone activity of small compounds. *Human Molecular Genetics*, **2014**, 23, 281-281 5.6
- 10 Embryo cryopreservation as a fertility preservation strategy 279-282
- 9 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
- 8 Transferencia selectiva de 1-2 embriones. *Clinica E Investigacion En Ginecologia Y Obstetricia*, **2003**, 30, 206-211 0
- 7 Embryo selection and health. *International Congress Series*, **2004**, 1266, 156-159
- 6 Controversies in assisted reproduction: oocyte donation. Protocols for egg donation. *Journal of Assisted Reproduction and Genetics*, **1994**, 11, 489-91 3.4
- 5 Blastocyst Transfer Update: Pros and Cons **2004**, 423-440
- 4 Gametes and Embryos: Specific Collection and Processing Issues 293-309
- 3 Embryo Cryopreservation as a Fertility Preservation Strategy **2021**, 211-214
- 2 Reply I: Embryo culture media effects. *Human Reproduction*, **2017**, 32, 719 5.7
- 1 The effect of trophectoderm biopsy technique and sample handling on artefactual mosaicism.. *Journal of Assisted Reproduction and Genetics*, **2022**, 1 3.4