

Josep Santalo

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.

50
papers

955
citations

15
h-index

30
g-index

54
ext. papers

1,029
ext. citations

3.4
avg, IF

3.48
L-index

#	Paper	IF	Citations
50	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
49	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
48	FISH preimplantation diagnosis of chromosome aneuploidy in recurrent pregnancy wastage. <i>Journal of Assisted Reproduction and Genetics</i> , 1998 , 15, 310-3	3.4	78
47	Chromosome studies in oocytes and zygotes from an IVF programme. <i>Human Reproduction</i> , 1987 , 2, 425-30	3.0	72
46	Comparison between the effects of valproic acid and trichostatin A on the in vitro development, blastocyst quality, and full-term development of mouse somatic cell nuclear transfer embryos. <i>Cellular Reprogramming</i> , 2010 , 12, 437-46	2.1	53
45	Origin of trippronucleate zygotes after intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1997 , 12, 2762-5	5.7	47
44	Effect of the degree of maturation of mouse oocytes at fertilization: a source of chromosome imbalance. <i>Gamete Research</i> , 1989 , 24, 205-18		36
43	The chromosome complement of first-cleavage mouse embryos after in vitro fertilization. <i>Journal of in Vitro Fertilization and Embryo Transfer: IVF</i> , 1986 , 3, 99-105		32
42	Improved development of somatic cell cloned mouse embryos by vitamin C and latrunculin A. <i>PLoS ONE</i> , 2015 , 10, e0120033	3.7	27
41	Evaluation of cytogenetic analysis for clinical preimplantation diagnosis. <i>Fertility and Sterility</i> , 1995 , 64, 44-50	4.8	27
40	Zona pellucida surface of immature and in vitro matured mouse oocytes: analysis by scanning electron microscopy. <i>Journal of Assisted Reproduction and Genetics</i> , 1992 , 9, 365-72	3.4	27
39	A novel embryo identification system by direct tagging of mouse embryos using silicon-based barcodes. <i>Human Reproduction</i> , 2011 , 26, 96-105	5.7	24
38	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
37	Disruption of the mouse phospholipase C-beta1 gene in a beta-lactoglobulin transgenic line affects viability, growth, and fertility in mice. <i>Gene</i> , 2004 , 341, 279-89	3.8	20
36	Vaginal microbiota profile at the time of embryo transfer does not affect live birth rate in IVF cycles with donated oocytes. <i>Reproductive BioMedicine Online</i> , 2019 , 38, 883-891	4	16
35	Does Ca ²⁺ /Mg ²⁺ -free medium have an effect on the survival of the preimplantation mouse embryo after biopsy?. <i>Human Reproduction Update</i> , 1996 , 2, 257-61	15.8	14
34	The genetic risks of in vitro fertilization techniques: the use of an animal model. <i>Journal of Assisted Reproduction and Genetics</i> , 1992 , 9, 462-74	3.4	14

33	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
32	Barcode tagging of human oocytes and embryos to prevent mix-ups in assisted reproduction technologies. <i>Human Reproduction</i> , 2014 , 29, 18-28	5.7	13
31	Direct embryo tagging and identification system by attachment of biofunctionalized polysilicon barcodes to the zona pellucida of mouse embryos. <i>Human Reproduction</i> , 2013 , 28, 1519-27	5.7	13
30	Antimitotic treatments for chemically assisted oocyte enucleation in nuclear transfer procedures. <i>Cloning and Stem Cells</i> , 2009 , 11, 153-66		12
29	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
28	Establishment of mouse embryonic stem cells from isolated blastomeres and whole embryos using three derivation methods. <i>Journal of Assisted Reproduction and Genetics</i> , 2010 , 27, 671-82	3.4	10
27	Effect of the enucleation procedure on the reprogramming potential and developmental capacity of mouse cloned embryos treated with valproic acid. <i>Reproduction</i> , 2011 , 141, 789-800	3.8	9
26	Influence of E-cadherin-mediated cell adhesion on mouse embryonic stem cells derivation from isolated blastomeres. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 494-505	6.4	8
25	Expression of caprine beta-lactoglobulin in the milk of transgenic mice. <i>Transgenic Research</i> , 1997 , 6, 69-74	3.3	8
24	Sexual immaturity and maternal age: incidence of aneuploidy and polyploidy in first-cleavage mouse embryos. <i>Cytogenetic and Genome Research</i> , 1988 , 48, 233-7	1.9	8
23	Demecolcine- and nocodazole-induced enucleation in mouse and goat oocytes for the preparation of recipient cytoplasts in somatic cell nuclear transfer procedures. <i>Theriogenology</i> , 2011 , 75, 527-41	2.8	7
22	Preimplantation genetic screening and human implantation. <i>Journal of Reproductive Immunology</i> , 2002 , 55, 65-72	4.2	7
21	Distribution of alpha3, alpha5 and alpha(v) integrin subunits in mature and immature human oocytes. <i>Molecular Human Reproduction</i> , 1998 , 4, 951-6	4.4	7
20	Chromosome constitution of highly motile mouse sperm. <i>Molecular Reproduction and Development</i> , 1990 , 27, 168-72	2.6	7
19	Psammaplin a improves development and quality of somatic cell nuclear transfer mouse embryos. <i>Cellular Reprogramming</i> , 2014 , 16, 392-406	2.1	6
18	Comparison of three differential mouse blastocyst staining methods. <i>Systems Biology in Reproductive Medicine</i> , 2013 , 59, 117-22	2.9	5
17	Influence of early fate decisions at the two-cell stage on the derivation of mouse embryonic stem cell lines. <i>Stem Cell Research</i> , 2011 , 7, 54-65	1.6	5
16	Characteristics of actin fibers and ultrastructure of the contact regions involved in the separation of blastomeres of two-cell mouse embryos, frozen-thawed without the zona pellucida. <i>Cryobiology</i> , 1997 , 34, 94-106	2.7	5

15	Cryopreservation of caprine beta-lactoglobulin transgenic mouse embryos. <i>Cryobiology</i> , 1997 , 35, 290-8	2.7	5
14	Preimplantation genetic diagnosis. <i>Molecular and Cellular Endocrinology</i> , 2000 , 166, 21-5	4.4	5
13	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. <i>Molecular Reproduction and Development</i> , 2001 , 58, 166-72	2.6	4
12	Pronuclear morphology, embryo development and chromosome constitution. <i>Reproductive BioMedicine Online</i> , 2010 , 20, 649-55	4	3
11	Recurrent in vitro fertilization failure evaluated by fluorescence in situ hybridization: a case report. <i>Fertility and Sterility</i> , 1998 , 69, 558-60	4.8	3
10	Effect of 6 beta-methylprednisolone on mouse pregnancy rate. <i>Human Reproduction</i> , 1999 , 14, 207-10	5.7	3
9	Morphokinetics of cloned mouse embryos treated with epigenetic drugs and blastocyst prediction. <i>Reproduction</i> , 2016 , 151, 203-14	3.8	2
8	Oocyte vitrification does not affect early developmental timings after intracytoplasmic sperm injection for women younger than 30 years old. <i>Molecular Reproduction and Development</i> , 2016 , 83, 624-9	3.6	2
7	Effect of anti-human sperm monoclonal antibodies on mouse in vitro fertilization. <i>Immunological Investigations</i> , 1994 , 23, 15-24	2.9	1
6	Collection and cryopreservation of hamster oocytes and mouse embryos. <i>Journal of Visualized Experiments</i> , 2009 ,	1.6	1
5	Single blastomeres as a source of mouse embryonic stem cells: effect of genetic background, medium supplements, and signaling modulators on derivation efficiency. <i>Journal of Assisted Reproduction and Genetics</i> , 2019 , 36, 99-111	3.4	1
4	Wnt pathway modulation generates blastomere-derived mouse embryonic stem cells with different pluripotency features. <i>Journal of Assisted Reproduction and Genetics</i> , 2020 , 37, 2967-2979	3.4	0
3	Does early cleavage correlate with chromosome constitution in human preimplantation embryos?. <i>Medicina Reproductiva Y Embriología Clínica</i> , 2015 , 2, 31-39	0.1	
2	Expression of recombinant human follicle-stimulating hormone in the mammary gland of transgenic mice. <i>Molecular Biotechnology</i> , 2006 , 34, 37-44	3	
1	The genotoxic effect of beta-propiolactone on mammalian oocytes. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1987 , 189, 407-16		