

# Josep Santalo

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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	Wnt pathway modulation generates blastomere-derived mouse embryonic stem cells with different pluripotency features. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2020</b> , 37, 2967-2979	3.4	0
49	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> , <b>2019</b> , 38, 883-891	4	16
48	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> , <b>2019</b> , 36, 99-111	3.4	1
47	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> , <b>2016</b> , 22, 285-98	4.4	13
46	Morphokinetics of cloned mouse embryos treated with epigenetic drugs and blastocyst prediction. <i>Reproduction</i> , <b>2016</b> , 151, 203-14	3.8	2
45	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> , <b>2016</b> , 83, 624-36	3.6	2
44	Does early cleavage correlate with chromosome constitution in human preimplantation embryos?. <i>Medicina Reproductiva Y Embriología Clínica</i> , <b>2015</b> , 2, 31-39	0.1	
43	Improved development of somatic cell cloned mouse embryos by vitamin C and latrunculin A. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120033	3.7	27
42	Barcode tagging of human oocytes and embryos to prevent mix-ups in assisted reproduction technologies. <i>Human Reproduction</i> , <b>2014</b> , 29, 18-28	5.7	13
41	Psammaplin a improves development and quality of somatic cell nuclear transfer mouse embryos. <i>Cellular Reprogramming</i> , <b>2014</b> , 16, 392-406	2.1	6
40	Comparison of three differential mouse blastocyst staining methods. <i>Systems Biology in Reproductive Medicine</i> , <b>2013</b> , 59, 117-22	2.9	5
39	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> , <b>2013</b> , 28, 2087-92	5.7	87
38	Direct embryo tagging and identification system by attachment of biofunctionalized polysilicon barcodes to the zona pellucida of mouse embryos. <i>Human Reproduction</i> , <b>2013</b> , 28, 1519-27	5.7	13
37	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> , <b>2011</b> , 75, 527-41	2.8	7
36	Influence of early fate decisions at the two-cell stage on the derivation of mouse embryonic stem cell lines. <i>Stem Cell Research</i> , <b>2011</b> , 7, 54-65	1.6	5
35	Correlation between embryological factors and pregnancy rate: development of an embryo score in a cryopreservation programme. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2011</b> , 28, 129-36	3.4	21
34	Influence of E-cadherin-mediated cell adhesion on mouse embryonic stem cells derivation from isolated blastomeres. <i>Stem Cell Reviews and Reports</i> , <b>2011</b> , 7, 494-505	6.4	8

33	A novel embryo identification system by direct tagging of mouse embryos using silicon-based barcodes. <i>Human Reproduction</i> , <b>2011</b> , 26, 96-105	5.7	24
32	Effect of the enucleation procedure on the reprogramming potential and developmental capacity of mouse cloned embryos treated with valproic acid. <i>Reproduction</i> , <b>2011</b> , 141, 789-800	3.8	9
31	Pronuclear morphology, embryo development and chromosome constitution. <i>Reproductive BioMedicine Online</i> , <b>2010</b> , 20, 649-55	4	3
30	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> , <b>2010</b> , 12, 437-46	2.1	53
29	Establishment of mouse embryonic stem cells from isolated blastomeres and whole embryos using three derivation methods. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2010</b> , 27, 671-82	3.4	10
28	Antimitotic treatments for chemically assisted oocyte enucleation in nuclear transfer procedures. <i>Cloning and Stem Cells</i> , <b>2009</b> , 11, 153-66		12
27	Collection and cryopreservation of hamster oocytes and mouse embryos. <i>Journal of Visualized Experiments</i> , <b>2009</b> ,	1.6	1
26	Developmental prognosis for zygotes based on pronuclear pattern: usefulness of pronuclear scoring. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2007</b> , 24, 173-81	3.4	11
25	Expression of recombinant human follicle-stimulating hormone in the mammary gland of transgenic mice. <i>Molecular Biotechnology</i> , <b>2006</b> , 34, 37-44	3	
24	Disruption of the mouse phospholipase C-beta1 gene in a beta-lactoglobulin transgenic line affects viability, growth, and fertility in mice. <i>Gene</i> , <b>2004</b> , 341, 279-89	3.8	20
23	Preimplantation genetic screening and human implantation. <i>Journal of Reproductive Immunology</i> , <b>2002</b> , 55, 65-72	4.2	7
22	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> , <b>2002</b> , 17, 1885-91	5.7	176
21	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> , <b>2001</b> , 58, 166-72	2.6	4
20	Preimplantation genetic diagnosis. <i>Molecular and Cellular Endocrinology</i> , <b>2000</b> , 166, 21-5	4.4	5
19	Effect of 6 beta-methylprednisolone on mouse pregnancy rate. <i>Human Reproduction</i> , <b>1999</b> , 14, 207-10	5.7	3
18	FISH preimplantation diagnosis of chromosome aneuploidy in recurrent pregnancy wastage. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1998</b> , 15, 310-3	3.4	78
17	Recurrent in vitro fertilization failure evaluated by fluorescence in situ hybridization: a case report. <i>Fertility and Sterility</i> , <b>1998</b> , 69, 558-60	4.8	3
16	Distribution of alpha3, alpha5 and alpha(v) integrin subunits in mature and immature human oocytes. <i>Molecular Human Reproduction</i> , <b>1998</b> , 4, 951-6	4.4	7

15	Origin of tripronucleate zygotes after intracytoplasmic sperm injection. <i>Human Reproduction</i> , <b>1997</b> , 12, 2762-5	5.7	47
14	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> , <b>1997</b> , 34, 94-106	2.7	5
13	Cryopreservation of caprine beta-lactoglobulin transgenic mouse embryos. <i>Cryobiology</i> , <b>1997</b> , 35, 290-8	2.7	5
12	Expression of caprine beta-lactoglobulin in the milk of transgenic mice. <i>Transgenic Research</i> , <b>1997</b> , 6, 69-74	3.3	8
11	Does Ca <sup>2+</sup> /Mg <sup>2+</sup> -free medium have an effect on the survival of the preimplantation mouse embryo after biopsy?. <i>Human Reproduction Update</i> , <b>1996</b> , 2, 257-61	15.8	14
10	Evaluation of cytogenetic analysis for clinical preimplantation diagnosis. <i>Fertility and Sterility</i> , <b>1995</b> , 64, 44-50	4.8	27
9	Effect of anti-human sperm monoclonal antibodies on mouse in vitro fertilization. <i>Immunological Investigations</i> , <b>1994</b> , 23, 15-24	2.9	1
8	Zona pellucida surface of immature and in vitro matured mouse oocytes: analysis by scanning electron microscopy. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1992</b> , 9, 365-72	3.4	27
7	The genetic risks of in vitro fertilization techniques: the use of an animal model. <i>Journal of Assisted Reproduction and Genetics</i> , <b>1992</b> , 9, 462-74	3.4	14
6	Chromosome constitution of highly motile mouse sperm. <i>Molecular Reproduction and Development</i> , <b>1990</b> , 27, 168-72	2.6	7
5	Effect of the degree of maturation of mouse oocytes at fertilization: a source of chromosome imbalance. <i>Gamete Research</i> , <b>1989</b> , 24, 205-18		36
4	Sexual immaturity and maternal age: incidence of aneuploidy and polyploidy in first-cleavage mouse embryos. <i>Cytogenetic and Genome Research</i> , <b>1988</b> , 48, 233-7	1.9	8
3	The genotoxic effect of beta-propiolactone on mammalian oocytes. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , <b>1987</b> , 189, 407-16		
2	Chromosome studies in oocytes and zygotes from an IVF programme. <i>Human Reproduction</i> , <b>1987</b> , 2, 425-30	5.7	72
1	The chromosome complement of first-cleavage mouse embryos after in vitro fertilization. <i>Journal of in Vitro Fertilization and Embryo Transfer: IVF</i> , <b>1986</b> , 3, 99-105		32