

Josep Santalo

List of Publications by Year in descending order

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54
papers

1,146
citations

471061

17
h-index

395343

33
g-index

54
all docs

54
docs citations

54
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1885-1891.	0.4	198
2	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, 2087-2092.	0.4	109
3	FISH preimplantation diagnosis of chromosome aneuploidy in recurrent pregnancy wastage. <i>Journal of Assisted Reproduction and Genetics</i> , 1998, 15, 310-313.	1.2	84
4	Chromosome studies in oocytes and zygotes from an IVF programme. <i>Human Reproduction</i> , 1987, 2, 425-430.	0.4	75
5	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, 437-446.	0.5	59
6	Origin of trippronucleate zygotes after intracytoplasmic sperm injection. <i>Human Reproduction</i> , 1997, 12, 2762-2765.	0.4	52
7	Effect of the degree of maturation of mouse oocytes at fertilization: A source of chromosome imbalance. <i>Gamete Research</i> , 1989, 24, 205-218.	1.7	46
8	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.	0.8	44
9	Improved Development of Somatic Cell Cloned Mouse Embryos by Vitamin C and Latrunculin A. <i>PLoS ONE</i> , 2015, 10, e0120033.	1.1	31
10	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, 365-372.	1.2	29
11	Evaluation of cytogenetic analysis for clinical preimplantation diagnosis. <i>Fertility and Sterility</i> , 1995, 64, 44-50.	0.5	28
12	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.	1.1	27
13	Disruption of the mouse phospholipase C- β 1 gene in a β -lactoglobulin transgenic line affects viability, growth, and fertility in mice. <i>Gene</i> , 2004, 341, 279-289.	1.0	26
14	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, 129-136.	1.2	26
15	A novel embryo identification system by direct tagging of mouse embryos using silicon-based barcodes. <i>Human Reproduction</i> , 2011, 26, 96-105.	0.4	26
16	Barcode tagging of human oocytes and embryos to prevent mix-ups in assisted reproduction technologies. <i>Human Reproduction</i> , 2014, 29, 18-28.	0.4	22
17	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, 285-298.	1.3	20
18	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, 1519-1527.	0.4	19

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19	Does Ca/Mg-free medium have an effect on the survival of the preimplantation mouse embryo after biopsy?. <i>Human Reproduction Update</i> , 1996, 2, 257-261.	5.2	16
20	The genetic risks of in vitro fertilization techniques: The use of an animal model. <i>Journal of Assisted Reproduction and Genetics</i> , 1992, 9, 462-474.	1.2	15
21	Sexual immaturity and maternal age: incidence of aneuploidy and polyploidy in first-cleavage mouse embryos. <i>Cytogenetic and Genome Research</i> , 1988, 48, 233-237.	0.6	14
22	Developmental prognosis for zygotes based on pronuclear pattern: Usefulness of pronuclear scoring. <i>Journal of Assisted Reproduction and Genetics</i> , 2007, 24, 173-181.	1.2	13
23	Antimitotic Treatments for Chemically Assisted Oocyte Enucleation in Nuclear Transfer Procedures. <i>Cloning and Stem Cells</i> , 2009, 11, 153-166.	2.6	13
24	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, 671-682.	1.2	13
25	Distribution of alpha3, alpha5 and alpha(v) integrin subunits in mature and immature human oocytes. <i>Molecular Human Reproduction</i> , 1998, 4, 951-956.	1.3	10
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.	5.6	10
27	Comparison of three differential mouse blastocyst staining methods. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 117-122.	1.0	10
28	Preimplantation genetic diagnosis. <i>Molecular and Cellular Endocrinology</i> , 2000, 166, 21-25.	1.6	9
29	Preimplantation genetic screening and human implantation. <i>Journal of Reproductive Immunology</i> , 2002, 55, 65-72.	0.8	9
30	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.	1.1	9
31	Expression of caprine beta-lactoglobulin in the milk of transgenic mice. <i>Transgenic Research</i> , 1997, 6, 69-74.	1.3	8
32	Psammaplin A Improves Development and Quality of Somatic Cell Nuclear Transfer Mouse Embryos. <i>Cellular Reprogramming</i> , 2014, 16, 392-406.	0.5	8
33	Chromosome constitution of highly motile mouse sperm. <i>Molecular Reproduction and Development</i> , 1990, 27, 168-172.	1.0	7
34	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, 527-541.	0.9	7
35	Effect of 6-methylprednisolone on mouse pregnancy rate. <i>Human Reproduction</i> , 1999, 14, 207-210.	0.4	6
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> , 2011, 7, 54-65.	0.3	6

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37	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. Cryobiology, 1997, 34, 94-106.	0.3	5
38	Cryopreservation of Caprine β -Lactoglobulin Transgenic Mouse Embryos. Cryobiology, 1997, 35, 290-298.	0.3	5
39	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, 166-172.	1.0	5
40	Pronuclear morphology, embryo development and chromosome constitution. Reproductive BioMedicine Online, 2010, 20, 649-655.	1.1	4
41	Collection and Cryopreservation of Hamster Oocytes and Mouse Embryos. Journal of Visualized Experiments, 2009, , .	0.2	4
42	Effect of anti-human sperm monoclonal antibodies on mouse in vitro fertilization. Immunological Investigations, 1994, 23, 15-24.	1.0	3
43	Recurrent In Vitro Fertilization Failure Evaluated by Fluorescence In Situ Hybridization: A Case Report 1. Fertility and Sterility, 1998, 69, 558-560.	0.5	3
44	Oocyte vitrification does not affect early developmental timings after intracytoplasmic sperm injection for women younger than 30 years old. Molecular Reproduction and Development, 2016, 83, 624-629.	1.0	3
45	Single blastomeres as a source of mouse embryonic stem cells: effect of genetic background, medium supplements, and signaling modulators on derivation efficiency. Journal of Assisted Reproduction and Genetics, 2019, 36, 99-111.	1.2	3
46	Wnt pathway modulation generates blastomere-derived mouse embryonic stem cells with different pluripotency features. Journal of Assisted Reproduction and Genetics, 2020, 37, 2967-2979.	1.2	3
47	Morphokinetics of cloned mouse embryos treated with epigenetic drugs and blastocyst prediction. Reproduction, 2016, 151, 203-214.	1.1	2
48	The genotoxic effect of β -propiolactone on mammalian oocytes. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1987, 189, 407-416.	1.2	1
49	Efficient generation of embryonic stem cells from single blastomeres of cryopreserved mouse embryos in the presence of signalling modulators. Reproduction, Fertility and Development, 2022, , .	0.1	1
50	Expression of Recombinant Human Follicle-Stimulating Hormone in the Mammary Gland of Transgenic Mice. Molecular Biotechnology, 2006, 34, 37-44.	1.3	0
51	Does early cleavage correlate with chromosome constitution in human preimplantation embryos?. Medicina Reproductiva Y EmbriologÃa ClÃnica, 2015, 2, 31-39.	0.1	0
52	Derivation of Stem Cell Lines from Mouse Preimplantation Embryos. Journal of Visualized Experiments, 2017, , .	0.2	0
53	33 ENUCLEATION OF PRE-ACTIVATED MOUSE OOCYTES INDUCED BY DEMECOLCINE, NOCODAZOLE, AND VINBLASTINE. Reproduction, Fertility and Development, 2007, 19, 135.	0.1	0
54	25 COMPARISON BETWEEN CHEMICALLY ASSISTED, CHEMICALLY INDUCED AND MECHANICAL ENUCLEATION OF MOUSE OOCYTES. Reproduction, Fertility and Development, 2009, 21, 113.	0.1	0