

# Belen Pintado

## List of Publications by Year in descending order

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77  
papers

4,300  
citations

109137

35  
h-index

114278

63  
g-index

78  
all docs

78  
docs citations

78  
times ranked

4567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effect of in vitro culture of mouse embryos with serum on mRNA expression of imprinting genes, development, and behavior. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5880-5885.	3.3	351
2	Temporal Divergence in the Pattern of Messenger RNA Expression in Bovine Embryos Cultured from the Zygote to Blastocyst Stage In Vitro or In Vivo. Biology of Reproduction, 2003, 69, 1424-1431.	1.2	253
3	Scrotal heat stress effects on sperm viability, sperm DNA integrity, and the offspring sex ratio in mice. Molecular Reproduction and Development, 2008, 75, 40-47.	1.0	246
4	Crucial Role of CB <sub>2</sub> Cannabinoid Receptor in the Regulation of Central Immune Responses during Neuropathic Pain. Journal of Neuroscience, 2008, 28, 12125-12135.	1.7	172
5	Effect of speed of development on mRNA expression pattern in early bovine embryos cultured in vivo or in vitro. Molecular Reproduction and Development, 2004, 68, 441-448.	1.0	159
6	Cancer induction by restriction of oncogene expression to the stem cell compartment. EMBO Journal, 2009, 28, 8-20.	3.5	125
7	Sheep and Goat BSE Propagate More Efficiently than Cattle BSE in Human PrP Transgenic Mice. PLoS Pathogens, 2011, 7, e1001319.	2.1	125
8	Interferon- $\beta$ Is a Critical Modulator of CB <sub>2</sub> Cannabinoid Receptor Signaling during Neuropathic Pain. Journal of Neuroscience, 2008, 28, 12136-12145.	1.7	122
9	Early detection of PrP <sup>res</sup> in BSE-infected bovine PrP transgenic mice. Archives of Virology, 2003, 148, 677-691.	0.9	119
10	Differential expression of two genes located on the X chromosome between male and female in vitro-produced bovine embryos at the blastocyst stage. , 2000, 55, 146-151.		110
11	Effect of the in vitro culture system on the kinetics of blastocyst development and sex ratio of bovine embryos. Theriogenology, 2001, 55, 1117-1126.	0.9	110
12	Relationship between time of first cleavage and the expression of IGF-I growth factor, its receptor, and two housekeeping genes in bovine two-cell embryos and blastocysts produced in vitro. Molecular Reproduction and Development, 2000, 57, 146-152.	1.0	108
13	SLUG in cancer development. Oncogene, 2005, 24, 3073-3082.	2.6	100
14	Relative messenger RNA abundance in bovine oocytes collected in vitro or in vivo before and 20 hr after the preovulatory luteinizing hormone surge. Molecular Reproduction and Development, 2003, 66, 297-305.	1.0	94
15	Downstream Regulatory Element Antagonist Modulator Regulates Ca <sup>2+</sup> Homeostasis and Viability in Cerebellar Neurons. Journal of Neuroscience, 2005, 25, 10822-10830.	1.7	93
16	Differential sensitivity of male and female mouse embryos to oxidative induced heat-stress is mediated by glucose-6-phosphate dehydrogenase gene expression. Molecular Reproduction and Development, 2005, 72, 502-510.	1.0	85
17	Transcriptional repressor DREAM regulates T-lymphocyte proliferation and cytokine gene expression. EMBO Journal, 2005, 24, 3555-3564.	3.5	82
18	Liposarcoma initiated by FUS/TLS-CHOP: the FUS/TLS domain plays a critical role in the pathogenesis of liposarcoma. Oncogene, 2000, 19, 6015-6022.	2.6	76

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19	Developmental Consequences of Sexual Dimorphism During Pre-implantation Embryonic Development. <i>Reproduction in Domestic Animals</i> , 2006, 41, 54-62.	0.6	76
20	Engineering passive immunity in transgenic mice secreting virus-neutralizing antibodies in milk. <i>Nature Biotechnology</i> , 1998, 16, 349-354.	9.4	74
21	Transient expression of Bcl6 is sufficient for oncogenic function and induction of mature B-cell lymphoma. <i>Nature Communications</i> , 2014, 5, 3904.	5.8	73
22	Rabbits are not resistant to prion infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5080-5085.	3.3	72
23	Hyperglycemia-induced apoptosis affects sex ratio of bovine and murine preimplantation embryos. <i>Molecular Reproduction and Development</i> , 2003, 65, 180-187.	1.0	67
24	Cancer development induced by graded expression of Snail in mice. <i>Human Molecular Genetics</i> , 2005, 14, 3449-3461.	1.4	67
25	A novel molecular mechanism involved in multiple myeloma development revealed by targeting MafB to haematopoietic progenitors. <i>EMBO Journal</i> , 2012, 31, 3704-3717.	3.5	62
26	Subclinical Bovine Spongiform Encephalopathy Infection in Transgenic Mice Expressing Porcine Prion Protein. <i>Journal of Neuroscience</i> , 2004, 24, 5063-5069.	1.7	56
27	Factors From Damaged Sperm Affect Its DNA Integrity and Its Ability to Promote Embryo Implantation in Mice. <i>Journal of Andrology</i> , 2008, 29, 47-54.	2.0	52
28	Selection against spermatozoa with fragmented DNA after postovulatory mating depends on the type of damage. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 9.	1.4	48
29	Role of the Goat K222-PrPC Polymorphic Variant in Prion Infection Resistance. <i>Journal of Virology</i> , 2014, 88, 2670-2676.	1.5	48
30	Different Behavior toward Bovine Spongiform Encephalopathy Infection of Bovine Prion Protein Transgenic Mice with One Extra Repeat Octapeptide Insert Mutation. <i>Journal of Neuroscience</i> , 2004, 24, 2156-2164.	1.7	44
31	FUS-DDIT3 Prevents the Development of Adipocytic Precursors in Liposarcoma by Repressing PPAR $\beta$ and C/EBP $\beta$ and Activating eIF4E. <i>PLoS ONE</i> , 2008, 3, e2569.	1.1	44
32	The effect of transport by road and sea on physiology, immunity and behaviour of beef cattle. <i>Research in Veterinary Science</i> , 2012, 92, 531-541.	0.9	43
33	Effect of flanking matrix attachment regions on the expression of microinjected transgenes during preimplantation development of mouse embryos. , 2000, 9, 81-89.		41
34	Culture of bovine embryos in intermediate host oviducts with emphasis on the isolated mouse oviduct. <i>Theriogenology</i> , 2010, 73, 777-785.	0.9	39
35	Bovine Spongiform Encephalopathy Induces Misfolding of Alleged Prion-Resistant Species Cellular Prion Protein without Altering Its Pathobiological Features. <i>Journal of Neuroscience</i> , 2013, 33, 7778-7786.	1.7	39
36	Development and pattern of mRNA relative abundance of bovine embryos cultured in the isolated mouse oviduct in organ culture. <i>Molecular Reproduction and Development</i> , 2007, 74, 716-723.	1.0	38

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37	Transgenic mice expressing bovine PrP with a four extra repeat octapeptide insert mutation show a spontaneous, non-transmissible, neurodegenerative disease and an expedited course of BSE infection. <i>FEBS Letters</i> , 2005, 579, 6237-6246.	1.3	36
38	Vertical Transmission of Bovine Spongiform Encephalopathy Prions Evaluated in a Transgenic Mouse Model. <i>Journal of Virology</i> , 2005, 79, 8665-8668.	1.5	34
39	Impaired Spermatogenesis, Muscle, and Erythrocyte Function in U12 Intron Splicing-Defective Zrsr1 Mutant Mice. <i>Cell Reports</i> , 2018, 23, 143-155.	2.9	33
40	Experimental demonstration that pre- and post-conceptual mechanisms influence sex ratio in mouse embryos. <i>Molecular Reproduction and Development</i> , 2003, 66, 162-165.	1.0	32
41	Lmo2 expression defines tumor cell identity during Tâ€cell leukemogenesis. <i>EMBO Journal</i> , 2018, 37, .	3.5	32
42	Effect of ejaculate, bull, and a double swim-up sperm processing method on sperm sex ratio. <i>Zygote</i> , 2003, 11, 229-235.	0.5	30
43	Superovulatory response of murciana goats to treatments based on PMSG/anti-PMSG or combined FSH/PMSG administration. <i>Theriogenology</i> , 1998, 50, 357-364.	0.9	29
44	Naturally prion resistant mammals. <i>Prion</i> , 2012, 6, 425-429.	0.9	29
45	CMV-driven expression of green fluorescent protein (GFP) in male germ cells of transgenic mice and its effect on fertility. <i>Journal of Developmental and Physical Disabilities</i> , 2001, 24, 300-305.	3.6	28
46	Expression of the FUS domain restores liposarcoma development in CHOP transgenic mice. <i>Oncogene</i> , 2002, 21, 1679-1684.	2.6	27
47	<i>SLUG (SNAI2)</i> overexpression in embryonic development. <i>Cytogenetic and Genome Research</i> , 2006, 114, 24-29.	0.6	27
48	Dogs are resistant to prion infection, due to the presence of aspartic or glutamic acid at position 163 of their prion protein. <i>FASEB Journal</i> , 2020, 34, 3969-3982.	0.2	27
49	Transcriptional and post-transcriptional regulation of retrotransposons IAP and MuERV-L affect pluripotency of mice ES cells. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 55.	1.4	26
50	Behavioral, neurochemical and morphological changes induced by the overexpression of munc18-1a in brain of mice: relevance to schizophrenia. <i>Translational Psychiatry</i> , 2013, 3, e221-e221.	2.4	26
51	FELASA guidelines for the production and nomenclature of transgenic rodents. <i>Laboratory Animals</i> , 2007, 41, 301-311.	0.5	24
52	Transgenic Mouse Bioassay: Evidence That Rabbits Are Susceptible to a Variety of Prion Isolates. <i>PLoS Pathogens</i> , 2015, 11, e1004977.	2.1	24
53	In vitro survival of murine morulae after quick freezing in the presence of chemically defined macromolecules and different cryoprotectants. <i>Theriogenology</i> , 1993, 39, 1111-1120.	0.9	23
54	Transient inhibition of foot-and-mouth disease virus infection of BHK-21 cells by antisense oligonucleotides directed against the second functional initiator AUG. <i>Antiviral Research</i> , 1993, 22, 1-13.	1.9	20

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55	The proximal promoter region of mTert is sufficient to regulate telomerase activity in ES cells and transgenic animals. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 5.	1.4	20
56	Sustained leukaemic phenotype after inactivation of BCR-ABLp190 in mice. <i>Oncogene</i> , 2007, 26, 1702-1713.	2.6	20
57	Reduced susceptibility to bovine spongiform encephalopathy prions in transgenic mice expressing a bovine PrP with five octapeptide repeats. <i>Journal of General Virology</i> , 2007, 88, 1842-1849.	1.3	18
58	Spontaneous Generation of Infectious Prion Disease in Transgenic Mice. <i>Emerging Infectious Diseases</i> , 2013, 19, 1938-1947.	2.0	18
59	Dnmt1 links BCR-ABLp210 to epigenetic tumor stem cell priming in myeloid leukemia. <i>Leukemia</i> , 2019, 33, 249-278.	3.3	18
60	Pathogenic SREK1 decrease in Huntingtonâ€™s disease lowers TAF1 mimicking X-linked dystonia parkinsonism. <i>Brain</i> , 2020, 143, 2207-2219.	3.7	17
61	Transgenesis in large domestic species: future development for milk modification. <i>Reproduction, Nutrition, Development</i> , 1999, 39, 535-544.	1.9	16
62	Characteristics and in vitro fertilizing ability of giant panda ( <i>Ailuropoda melanoleuca</i> ) frozen-thawed epididymal spermatozoa obtained 4 hours postmortem: A case report. <i>Zoo Biology</i> , 2004, 23, 279-285.	0.5	16
63	Mouse ICSI with frozen-thawed sperm: The impact of sperm freezing procedure and sperm donor strain. <i>Molecular Reproduction and Development</i> , 2003, 66, 98-103.	1.0	15
64	Reduced Mid1 Expression and Delayed Neuromotor Development in daDREAM Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 58.	1.4	15
65	N-terminal acetylation modulates Bax targeting to mitochondria. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 95, 35-42.	1.2	15
66	Inadvertent presence of pluripotent cells in monolayers derived from differentiated embryoid bodies. <i>International Journal of Developmental Biology</i> , 2007, 51, 397-408.	0.3	15
67	Effect of glutaraldehyde concentration and fixative temperature on the number of spermatozoa with normal acrosomes in goat semen. <i>Theriogenology</i> , 1992, 38, 527-533.	0.9	13
68	Elimination of methylation marks at lysines 4 and 9 of histone 3 (H3K4 and H3K9) of spermatozoa alters offspring phenotype. <i>Reproduction, Fertility and Development</i> , 2017, 29, 740.	0.1	11
69	Comparison of superovulatory response of mature outbred mice treated with FSH or PMSG and developmental potential of embryos produced. <i>Theriogenology</i> , 1994, 41, 907-914.	0.9	10
70	Influence of biopsy sexing and in vitro culture on losses of female mouse and bovine embryos. <i>Animal Biotechnology</i> , 1995, 6, 101-109.	0.7	10
71	In vitro and in vivo development of mice morulae after storage in non-frozen conditions. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 62.	1.4	9
72	Macromolecular source as dependent on osmotic pressure and water source: effects on bovine in vitro embryo development and quality. <i>Reproduction, Nutrition, Development</i> , 2003, 43, 487-496.	1.9	8

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73	Exploring the risks of a putative transmission of BSE to new species. Prion, 2013, 7, 443-446.	0.9	8
74	Transcriptome profiling of liver of non-genetic low birth weight and long term health consequences. BMC Genomics, 2014, 15, 327.	1.2	4
75	Differential effects of culture and nuclear transfer on relative transcript levels of genes with key roles during preimplantation. Zygote, 2006, 14, 81-87.	0.5	3
76	Expression of the FUS domain restores liposarcoma development in CHOP transgenic mice. , 0, .		1
77	3 SELECTION OF UNFRAGMENTED-DNA SPERMATOZOA FROM HEAT STRESSED MICE BY FEMALE UTERINE TRACT AND ZONA PELUCIDA BINDING. Reproduction, Fertility and Development, 2009, 21, 102.	0.1	0