Ignacio S Ãlvarez

List of Publications by Year
in descending order

40 papers	1,300 citations	331670 21 h-index	377865 34 g-index
40 all docs	40 docs citations	40 times ranked	1179 citing authors

#	Article	IF	Citations
1	4-Hydroxyestradiol improves mouse embryo quality, epidermal growth factor-binding capabilityin vitroand implantation rates. Molecular Human Reproduction, 2021, 27, .	2.8	2
2	Histological cut of a paraffin-embedded blastocyst: Optimized protocol for murine blastocysts. MethodsX, 2020, 7, 100767.	1.6	0
3	Effect of N-acetyl cysteine on the quality of blastocyst formation rate using cultured vitrified murine embryos. Journal of the Hellenic Veterinary Medical Society, 2020, 71, 2315.	0.3	0
4	N-acetylcysteine addition after vitrification improves oocyte mitochondrial polarization status and the quality of embryos derived from vitrified murine oocytes. BMC Veterinary Research, 2019, 15, 31.	1.9	13
5	Laparoscopic uterine graft procurement and surgical autotransplantation in ovine model. Scientific Reports, 2019, 9, 8095.	3.3	3
6	AMP-activated kinase in human spermatozoa: identification, intracellular localization, and key function in the regulation of sperm motility. Asian Journal of Andrology, 2017, 19, 707.	1.6	27
7	Outlining adequate protocols for Lidia bull epididymal storage and sperm cryopreservation: use of glycerol, dimethylformamide and N-acetylcysteine. Spanish Journal of Agricultural Research, 2017, 15, e0405.	0.6	0
8	STIM1 phosphorylation triggered by epidermal growth factor mediates cell migration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 233-243.	4.1	34
9	Inhibition of STIM1 phosphorylation underlies resveratrol-induced inhibition of store-operated calcium entry. Biochemical Pharmacology, 2013, 86, 1555-1563.	4.4	22
10	Extended Embryo Culture Supplementation. , 2013, , 433-456.		0
11	Role of Store-Operated Calcium Entry During Meiotic Progression and Fertilization of Mammalian Oocytes. International Review of Cell and Molecular Biology, 2012, 295, 291-328.	3.2	11
12	Calcium signaling in mouse oocyte maturation: the roles of STIM1, ORAI1 and SOCE. Molecular Human Reproduction, 2012, 18, 194-203.	2.8	39
13	Extended Embryo Culture Supplementation. , 2012, , 471-484.		0
14	Phosphorylation of STIM1 at ERK1/2 target sites modulates store-operated calcium entry. Journal of Cell Science, 2010, 123, 3084-3093.	2.0	108
15	Relocalization of STIM1 in mouse oocytes at fertilization: early involvement of store-operated calcium entry. Reproduction, 2009, 138, 211-221.	2.6	34
16	Contribution of culture media to oxidative stress and its effect on human oocytes. Reproductive BioMedicine Online, 2008, 17, 652-661.	2.4	110
17	Store-Operated Calcium Entry in Human Oocytes and Sensitivity to Oxidative Stress1. Biology of Reproduction, 2008, 78, 307-315.	2.7	42
18	Oxidative stress in human oocytes during IVF handling. Fertility and Sterility, 2004, 82, S56-S57.	1.0	4

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19	A neural plate fate map at stage HH4 in the chick: methodology and preliminary data. Brain Research Bulletin, 2002, 57, 293-295.	3.0	12
20	The effects of BMPs on early chick embryos suggest a conserved signaling mechanism for epithelial and neural induction among vertebrates. Brain Research Bulletin, 2002, 57, 289-291.	3.0	6
21	Induction of cardiogenesis by Hensen's node and fibroblast growth factors. Cell and Tissue Research, 2002, 309, 237-249.	2.9	40
22	Fate map of the chicken neural plate at stage 4. Development (Cambridge), 2002, 129, 2807-2822.	2.5	83
23	Pax2, Otx2, Gbx2 and Fgf8 expression in early otic vesicle development. Mechanisms of Development, 2000, 95, 225-229.	1.7	68
24	Monoclonal antibody GL1 and its possible involvement in the morphogenesis of the otic vesicle. , 1999, 254, 288-297.		0
25	Morphological and quantitative studies in the otic region of the neural tube in chick embryos suggest a neuroectodermal origin for the otic placode. Journal of Anatomy, 1998, 193, 35-48.	1.5	19
26	Neural Induction in Whole Chick Embryo Cultures by FGF. Developmental Biology, 1998, 199, 42-54.	2.0	71
27	Monoclonal antibodies identifying subsets of ectodermal, mesodermal, and endodermal cells in gastrulating and neurulating avian embryos. The Anatomical Record, 1993, 235, 591-603.	1.8	1
28	Locations of the ectodermal and nonectodermal subdivisions of the epiblast at stages 3 and 4 of avian gastrulation and neurulation. The Journal of Experimental Zoology, 1993, 267, 431-446.	1.4	138
29	4 Role of Cell Rearrangement in Axial Morphogenesis. Current Topics in Developmental Biology, 1992, 27, 129-173.	2.2	20
30	Expansion of surface epithelium provides the major extrinsic force for bending of the neural plate. The Journal of Experimental Zoology, 1992, 261, 340-348.	1.4	97
31	Patterns of neurepithelial cell rearrangement during avian neurulation are determined prior to notochordal inductive interactions. Developmental Biology, 1991, 143, 78-92.	2.0	31
32	Shaping, invagination, and closure of the chick embryo otic vesicle: Scanning electron microscopic and quantitative study. The Anatomical Record, 1990, 228, 315-326.	1.8	60
33	Cell proliferation during early development of the chick embryo otic anlage: Quantitative comparison of migratory and nonmigratory regions of the otic epithelium. Journal of Comparative Neurology, 1989, 290, 278-288.	1.6	48
34	Quantitative studies of mitotic cells in the chick embryo optic stalk during the early period of invasion by optic fibres. Anatomy and Embryology, 1989, 180, 343-351.	1.5	3
35	Cell death in the ventral region of the neural retina during the early development of the chick embryo eye. The Anatomical Record, 1988, 222, 272-281.	1.8	47
36	Cell death in suboptic necrotic centers of chick embryo diencephalon and their topographic relationship with the earliest optic fiber fascicles. Journal of Comparative Neurology, 1988, 278, 34-46.	1.6	24

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37	Extra-axonal environment and fibre directionality in the early development of the chick embryo optic chiasm: A light and scanning electron microscopic study. Journal of Neurocytology, 1987, 16, 299-310.	1.5	21
38	Glioblast migration in the optic stalk of the chick embryo. Anatomy and Embryology, 1987, 176, 79-85.	1.5	11
39	Differential staining of dead and dying embryonic cells with a simple new technique. Journal of Microscopy, 1986, 142, 101-106.	1.8	23
40	Proliferation of glial precursors during the early development of the chick optic nerve. Anatomy and Embryology, 1985, 172, 365-373.	1.5	28