Margot L Day

List of Publications by Year
in descending order

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31	853	516710 16	477307 29
papers	citations	h-index	g-index

31	31	31	954
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	All Three WW Domains of Murine Nedd4 Are Involved in the Regulation of Epithelial Sodium Channels by Intracellular Na+. Journal of Biological Chemistry, 1999, 274, 12525-12530.	3.4	114
2	Circadian clockwork genes are expressed in the reproductive tract and conceptus of the early pregnant mouse. Reproductive BioMedicine Online, 2002, 4, 140-145.	2.4	86
3	Egg timers: how is developmental time measured in the early vertebrate embryo?. BioEssays, 2000, 22, 57-63.	2.5	65
4	A cytoplasmic cell cycle controls the activity of a K+ channel in pre-implantation mouse embryos. EMBO Journal, 1998, 17, 1952-1960.	7.8	49
5	The Activity of the Epithelial Sodium Channels Is Regulated by Caveolin-1 via a Nedd4-2-dependent Mechanism. Journal of Biological Chemistry, 2009, 284, 12663-12669.	3.4	48
6	Integrin Â3 in rat blastocysts and epithelial cells is essential for implantation in vitro: studies with Ishikawa cells and small interfering RNA transfection. Human Reproduction, 2011, 26, 1665-1674.	0.9	44
7	Î²1 and Î²3 integrins disassemble from basal focal adhesions and Î²3 integrin is later localised to the apical plasma membrane of rat uterine luminal epithelial cells at the time of implantation. Reproduction, Fertility and Development, 2011, 23, 481.	0.4	42
8	Insulin-like growth factor 1 increases apical fibronectin in blastocysts to increase blastocyst attachment to endometrial epithelial cells in vitro. Human Reproduction, 2015, 30, 284-298.	0.9	40
9	Redox Regulation and Oxidative Stress in Mammalian Oocytes and Embryos Developed In Vivo and In Vitro. International Journal of Environmental Research and Public Health, 2021, 18, 11374.	2.6	35
10	Direct Evidence for the Action of Phosphatidylinositol (3,4,5)-Trisphosphate-Mediated Signal Transduction in the 2-Cell Mouse Embryo1. Biology of Reproduction, 2007, 77, 813-821.	2.7	32
11	Ligand-Activated Signal Transduction in the 2-Cell Embryo1. Biology of Reproduction, 2003, 69, 106-116.	2.7	28
12	Extracellular matrix proteins secreted from both the endometrium and the embryo are required for attachment: A study using a coâ€culture model of rat blastocysts and Ishikawa cells. Journal of Morphology, 2013, 274, 63-72.	1.2	27
13	Inhibition of KCa3.1 suppresses TGF-Î²1 induced MCP-1 expression in human proximal tubular cells through Smad3, p38 and ERK1/2 signaling pathways. International Journal of Biochemistry and Cell Biology, 2014, 47, 1-10.	2.8	27
14	Selected Amino Acids Promote Mouse Pre-implantation Embryo Development in a Growth Factor-Like Manner. Frontiers in Physiology, 2020, 11, 140.	2.8	26
15	Focal adhesion kinase localizes to sites of cellâ€toâ€cell contact in vivo and increases apically in rat uterine luminal epithelium and the blastocyst at the time of implantation. Journal of Morphology, 2012, 273, 639-650.	1.2	25
16	tiK+ toK+: an embryonic clock?. Reproduction, Fertility and Development, 2001, 13, 69.	0.4	18
17	Amino acid supplementation of a simple inorganic salt solution supports efficient in vitro maturation (IVM) of bovine oocytes. Scientific Reports, 2019, 9, 11739.	3.3	17
18	Claudin 7 is reduced in uterine epithelial cells during early pregnancy in the rat. Histochemistry and Cell Biology, 2013, 139, 583-593.	1.7	16

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19	Autocrine activation of ion currents in the two-cell mouse embryo. Experimental Cell Research, 2007, 313, 2786-2794.	2.6	15
20	Uterine epithelial cells: Serving two masters. International Journal of Biochemistry and Cell Biology, 2013, 45, 359-363.	2.8	14
21	In Vitro Fertilisation of Mouse Oocytes in L-Proline and L-Pipecolic Acid Improves Subsequent Development. Cells, 2021, 10, 1352.	4.1	13
22	Insulin-like growth factor 1 acts as an autocrine factor to improve early embryogenesis in vitro. International Journal of Developmental Biology, 2013, 57, 837-844.	0.6	11
23	Intracellular flow cytometric lipid analysis â€“ a multiparametric system to assess distinct lipid classes in live cells. Journal of Cell Science, 2022, 135, .	2.0	10
24	Activation of a Chloride Channel by a Trophic Ligand Is Required for Development of the Mouse Preimplantation Embryo In Vitro1. Biology of Reproduction, 2009, 81, 759-767.	2.7	9
25	Calpain 2 activity increases at the time of implantation in rat uterine luminal epithelial cells and administration of calpain inhibitor significantly reduces implantation sites. Histochemistry and Cell Biology, 2014, 141, 423-430.	1.7	9
26	Daily & Hourly Adherence. , 2016, , .		9
27	EpCAM is decreased but is still present in uterine epithelial cells during early pregnancy in the rat: potential mechanism for maintenance of mucosal integrity during implantation. Cell and Tissue Research, 2015, 359, 655-664.	2.9	8
28	Mucin 15 is lost but mucin 13 remains in uterine luminal epithelial cells and the blastocyst at the time of implantation in the rat. Reproduction, Fertility and Development, 2014, 26, 421.	0.4	7
29	mTORC1/2 signaling is downregulated by amino acid-free culture of mouse preimplantation embryos and is only partially restored by amino acid readdition. American Journal of Physiology - Cell Physiology, 2021, 320, C30-C44.	4.6	7
30	Structure and permeability of the egg capsule of the placental Australian sharpnose shark, Rhizoprionodon taylori. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2022, 192, 263-273.	1.5	2
31	All three WW domains of murine Nedd4 are involved in the regulation of the Epithelial Sodium Channel. Biochemical Society Transactions, 2000, 28, A453-A453.	3.4	0