

Marek Maleszewski

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

964
citations

516710
16
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434195
31
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41
all docs

41
docs citations

41
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental capacity is unevenly distributed among single blastomeres of 2-cell and 4-cell stage mouse embryos. <i>Scientific Reports</i> , 2021, 11, 21422.	3.3	5
2	Attempts to obtain fully xenogeneic fetuses in rat × mouse model. <i>Biology of Reproduction</i> , 2020, 102, 499-510.	2.7	0
3	No evidence of involvement of E-cadherin in cell fate specification or the segregation of Epi and PrE in mouse blastocysts. <i>PLoS ONE</i> , 2019, 14, e0212109.	2.5	18
4	In Memoriam - Prof. Andrzej Krzysztof Tarkowski (1933-2016). <i>International Journal of Developmental Biology</i> , 2017, 61, 1-3.	0.6	0
5	Mouse blastomeres acquire ability to divide asymmetrically before compaction. <i>PLoS ONE</i> , 2017, 12, e0175032.	2.5	14
6	ESCs injected into the 8-cell stage mouse embryo modify pattern of cleavage and cell lineage specification. <i>Mechanisms of Development</i> , 2016, 141, 40-50.	1.7	13
7	Allocation of inner cells to epiblast vs primitive endoderm in the mouse embryo is biased but not determined by the round of asymmetric divisions (8- and 16-cell stages). <i>Developmental Biology</i> , 2014, 385, 136-148.	2.0	49
8	Delay of polarization event increases the number of Cdx2-positive blastomeres in mouse embryo. <i>Developmental Biology</i> , 2012, 368, 54-62.	2.0	8
9	Oct4 protein remains in trophectoderm until late stages of mouse blastocyst development. <i>Reproductive Biology</i> , 2011, 11, 145-156.	1.9	10
10	Isolated mouse inner cell mass is unable to reconstruct trophectoderm. <i>Differentiation</i> , 2011, 82, 1-8.	1.9	16
11	Decrease in CD9 content and reorganization of microvilli may contribute to the oolemma block to sperm penetration during fertilization of mouse oocyte. <i>Zygote</i> , 2010, 18, 195-201.	1.1	11
12	Tet system in the brain: Transgenic rats and lentiviral vectors approach. <i>Genesis</i> , 2009, 47, 274-280.	1.6	8
13	Mitochondrial glutathione peroxidase 4 disruption causes male infertility. <i>FASEB Journal</i> , 2009, 23, 3233-3242.	0.5	251
14	Cdc42 protein acts upstream of IQGAP1 and regulates cytokinesis in mouse oocytes and embryos. <i>Developmental Biology</i> , 2008, 322, 21-32.	2.0	53
15	Cytoplasmic maturation of mammalian oocytes: development of a mechanism responsible for sperm-induced Ca ²⁺ oscillations. <i>Reproductive Biology</i> , 2008, 8, 3-22.	1.9	83
16	Fertilization differently affects the levels of cyclin B1 and M-phase promoting factor activity in maturing and metaphase II mouse oocytes. <i>Reproduction</i> , 2008, 136, 741-752.	2.6	17
17	Defective calcium release during in vitro fertilization of maturing oocytes of LT/Sv mice. <i>International Journal of Developmental Biology</i> , 2008, 52, 903-912.	0.6	7
18	Mammalian and avian embryology at Warsaw University (Poland) from XIX century to the present. <i>International Journal of Developmental Biology</i> , 2008, 52, 121-134.	0.6	6

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19	Early mammalian embryo: my love. An interview with Andrzej K. Tarkowski. International Journal of Developmental Biology, 2008, 52, 163-169.	0.6	2
20	Developmental Biology in Poland. Preface.. International Journal of Developmental Biology, 2008, 52, 93-96.	0.6	0
21	Mouse oocytes fertilised by ICSI during in vitro maturation retain the ability to be activated after refertilisation in metaphase II and can generate Ca ²⁺ oscillations. BMC Developmental Biology, 2007, 7, 72.	2.1	12
22	Allocation of Cells in Mouse Blastocyst Is Not Determined by the Order of Cleavage of the First Two Blastomeres. Biology of Reproduction, 2006, 75, 582-587.	2.7	20
23	CD9 protein appears on growing mouse oocytes at the time when they develop the ability to fuse with spermatozoa. Zygote, 2006, 14, 119-123.	1.1	11
24	LKB1/PAR4 protein is asymmetrically localized in mouse oocytes and associates with meiotic spindle. Gene Expression Patterns, 2005, 6, 86-93.	0.8	23
25	Sperm-derived activating ability does not persist in mouse oocytes inseminated during in vitro maturation. Molecular Reproduction and Development, 2004, 68, 240-249.	2.0	4
26	Both blastomeres of the mouse 2-cell embryo contribute to the embryonic portion of the blastocyst. Molecular Reproduction and Development, 2004, 68, 308-312.	2.0	52
27	Induced parthenogenetic activation of oocytes of the marsupial Sminthopsis macroura. Reproduction, Fertility and Development, 2004, 16, 599.	0.4	1
28	Distinct mechanisms underlie sperm-induced and proteaseinduced oolemma block to sperm penetration. International Journal of Developmental Biology, 2003, 47, 65-69.	0.6	15
29	DNA replication and RNA synthesis in thymocyte nuclei microinjected into the cytoplasm of artificially activated mouse eggs. Zygote, 2002, 10, 229-238.	1.1	7
30	Delayed sperm incorporation into parthenogenetic mouse eggs: Sperm nucleus transformation and development of resulting embryos. Molecular Reproduction and Development, 1999, 54, 303-310.	2.0	23
31	Inadequate function of sterile tw5/tw32 spermatozoa overcome by intracytoplasmic sperm injection. Molecular Reproduction and Development, 1996, 44, 230-233.	2.0	29
32	Sperm membrane incorporation into oolemma contributes to the oolemma block to sperm penetration: Evidence based on intracytoplasmic sperm injection experiments in the mouse. Molecular Reproduction and Development, 1996, 44, 256-259.	2.0	46
33	Inadequate function of sterile tw5/tw32 spermatozoa overcome by intracytoplasmic sperm injection. Molecular Reproduction and Development, 1996, 44, 230-233.	2.0	5
34	Sperm nuclei entering parthenogenetically activated mouse oocytes before the first mitosis transform into pronuclei an ultrastructural study. The Anatomical Record, 1995, 243, 516-518.	1.8	6
35	Spontaneous and sperm-induced activation of oocytes in LT/Sv strain mice. Development Growth and Differentiation, 1995, 37, 679-685.	1.5	13
36	Sulphydryl reagent iodoacetamide inhibits progression of meiosis and sperm transformation in mouse oocytes fertilised in vitro. Zygote, 1995, 3, 75-79.	1.1	1

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37	Sperm penetration in parthenogenetic mouse embryos triggers a plasma membrane block to polyspermy. Zygote, 1993, 1, 237-242.	1.1	18
38	Behavior of sperm nuclei incorporated into parthenogenetic mouse eggs prior to the first cleavage division. Molecular Reproduction and Development, 1992, 33, 215-221.	2.0	25
39	Decondensation of mouse sperm chromatin in cell-free extracts: A micromethod. Molecular Reproduction and Development, 1990, 27, 244-248.	2.0	25
40	Phosphorylation and methylation of Physarum histone H1 during the mitotic cycle. Biochemistry, 1985, 24, 2360-2367.	2.5	18