

# Marek Maleszewski

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

964  
citations

516681

16  
h-index

434170

31  
g-index

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 <sup>2+</sup> 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. <i>International Journal of Developmental Biology</i> , 2008, 52, 163-169.	0.6	2
20	Developmental Biology in Poland. Preface.. <i>International Journal of Developmental Biology</i> , 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 <sup>2+</sup> oscillations. <i>BMC Developmental Biology</i> , 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. <i>Biology of Reproduction</i> , 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. <i>Zygote</i> , 2006, 14, 119-123.	1.1	11
24	LKB1/PAR4 protein is asymmetrically localized in mouse oocytes and associates with meiotic spindle. <i>Gene Expression Patterns</i> , 2005, 6, 86-93.	0.8	23
25	Sperm-derived activating ability does not persist in mouse oocytes inseminated during in vitro maturation. <i>Molecular Reproduction and Development</i> , 2004, 68, 240-249.	2.0	4
26	Both blastomeres of the mouse 2-cell embryo contribute to the embryonic portion of the blastocyst. <i>Molecular Reproduction and Development</i> , 2004, 68, 308-312.	2.0	52
27	Induced parthenogenetic activation of oocytes of the marsupial <i>Sminthopsis macroura</i> . <i>Reproduction, Fertility and Development</i> , 2004, 16, 599.	0.4	1
28	Distinct mechanisms underlie sperm-induced and protease-induced oolemma block to sperm penetration. <i>International Journal of Developmental Biology</i> , 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. <i>Zygote</i> , 2002, 10, 229-238.	1.1	7
30	Delayed sperm incorporation into parthenogenetic mouse eggs: Sperm nucleus transformation and development of resulting embryos. <i>Molecular Reproduction and Development</i> , 1999, 54, 303-310.	2.0	23
31	Inadequate function of sterile tw5/tw32 spermatozoa overcome by intracytoplasmic sperm injection. <i>Molecular Reproduction and Development</i> , 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. <i>Molecular Reproduction and Development</i> , 1996, 44, 256-259.	2.0	46
33	Inadequate function of sterile tw5/tw32 spermatozoa overcome by intracytoplasmic sperm injection. <i>Molecular Reproduction and Development</i> , 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. <i>The Anatomical Record</i> , 1995, 243, 516-518.	1.8	6
35	Spontaneous and sperm-induced activation of oocytes in LT/Sv strain mice. <i>Development Growth and Differentiation</i> , 1995, 37, 679-685.	1.5	13
36	Sulphydryl reagent iodoacetamide inhibits progression of meiosis and sperm transformation in mouse oocytes fertilised in vitro. <i>Zygote</i> , 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. <i>Zygote</i> , 1993, 1, 237-242.	1.1	18
38	Behavior of sperm nuclei incorporated into parthenogenetic mouse eggs prior to the first cleavage division. <i>Molecular Reproduction and Development</i> , 1992, 33, 215-221.	2.0	25
39	Decondensation of mouse sperm chromatin in cell-free extracts: A micromethod. <i>Molecular Reproduction and Development</i> , 1990, 27, 244-248.	2.0	25
40	Phosphorylation and methylation of Physarum histone H1 during the mitotic cycle. <i>Biochemistry</i> , 1985, 24, 2360-2367.	2.5	18