

Zoltan Machaty

List of Publications by Year in descending order

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26
papers

1,111
citations

430754

18
h-index

552653

26
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all docs

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docs citations

27
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	An Alternative Way to Improve Mammalian Embryo Development <i>In Vitro</i> : Culture of Zona Pellucida-Free Embryos. <i>Cellular Reprogramming</i> , 2022, 24, 111-117.	0.5	2
2	Biodynamic optical assay for embryo viability. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	2
3	Pig oocyte activation using a Zn ²⁺ chelator, TPEN. <i>Theriogenology</i> , 2015, 84, 1024-1032.	0.9	30
4	Lipid characterization of individual porcine oocytes by dual mode DESI-MS and data fusion. <i>Analytica Chimica Acta</i> , 2014, 848, 51-60.	2.6	55
5	Effect of Resveratrol on the Development of Porcine Embryos Produced <i>In Vitro</i> . <i>Journal of Reproduction and Development</i> , 2010, 56, 330-335.	0.5	43
6	High Hydrostatic Pressure Treatment of Porcine Oocytes Induces Parthenogenetic Activation. <i>Cellular Reprogramming</i> , 2010, 12, 475-480.	0.5	6
7	Analysis of cat oocyte activation methods for the generation of feline disease models by nuclear transfer. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 148.	1.4	7
8	Incidence of apoptosis in parthenogenetic porcine embryos generated by using protein kinase or protein synthesis inhibitors. <i>Animal Reproduction Science</i> , 2009, 112, 261-272.	0.5	6
9	Effects of activation methods and culture conditions on development of parthenogenetic porcine embryos. <i>Animal Reproduction Science</i> , 2008, 104, 264-274.	0.5	34
10	Somatic cell nuclear transfer in pigs: recent achievements and future possibilities. <i>Reproduction, Fertility and Development</i> , 2007, 19, 403.	0.1	85
11	Activation of Oocytes After Nuclear Transfer. <i>Methods in Molecular Biology</i> , 2006, 348, 43-58.	0.4	10
12	Production of α 1,3-Galactosyltransferase-Knockout Cloned Pigs Expressing Human α 1,2-Fucosyltransferase1. <i>Biology of Reproduction</i> , 2003, 69, 437-445.	1.2	151
13	Capacitative Calcium Entry Mechanism in Porcine Oocytes1. <i>Biology of Reproduction</i> , 2002, 66, 667-674.	1.2	31
14	Na ⁺ /Ca ²⁺ Exchanger in Porcine Oocytes1. <i>Biology of Reproduction</i> , 2002, 67, 1133-1139.	1.2	14
15	Inhibitors of mitochondrial ATP production at the time of compaction improve development of <i>in vitro</i> produced porcine embryos. <i>Molecular Reproduction and Development</i> , 2001, 58, 39-44.	1.0	41
16	Optimisation of porcine oocyte activation following nuclear transfer. <i>Zygote</i> , 2000, 8, 69-77.	0.5	32
17	Calcium Release and Subsequent Development Induced by Modification of Sulfhydryl Groups in Porcine Oocytes1. <i>Biology of Reproduction</i> , 1999, 60, 1384-1391.	1.2	21
18	Parthenogenetic Activation of Porcine Oocytes After Nuclear Transfer. <i>Cloning</i> , 1999, 1, 101-109.	2.1	25

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19	Activation of porcine oocytes with calcium ionophore: Effects of extracellular calcium. <i>Molecular Reproduction and Development</i> , 1999, 53, 99-107.	1.0	33
20	Time course of cortical and zona reactions of pig oocytes upon intracellular calcium increase induced by thimerosal. <i>Zygote</i> , 1999, 7, 79-86.	0.5	29
21	Strategies for activating nuclear transfer oocytes. <i>Reproduction, Fertility and Development</i> , 1998, 10, 599.	0.1	43
22	Parthenogenetic Activation of Pig Oocytes with Calcium Ionophore and the Block to Sperm Penetration after Activation1. <i>Biology of Reproduction</i> , 1998, 58, 1357-1366.	1.2	58
23	Development of Early Porcine Embryos In Vitro and In Vivo1. <i>Biology of Reproduction</i> , 1998, 59, 451-455.	1.2	239
24	Activation of Porcine Oocytes Via an Exogenously Introduced Rat Muscarinic M1 Receptor1. <i>Biology of Reproduction</i> , 1997, 57, 85-91.	1.2	20
25	Developmental Changes in the Intracellular Ca ²⁺ Release Mechanisms in Porcine Oocytes1. <i>Biology of Reproduction</i> , 1997, 56, 921-930.	1.2	88
26	Î³-glutamyl transpeptidase of spermatozoa may decrease oocyte glutathione content at fertilization in pigs. <i>Molecular Reproduction and Development</i> , 1996, 45, 485-490.	1.0	6