

# Stefan Cikos

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,090  
citations

516710

16  
h-index

414414

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative quantification of mRNA: comparison of methods currently used for real-time PCR data analysis. <i>BMC Molecular Biology</i> , 2007, 8, 113.	3.0	321
2	Effects of a Combination of Thyme and Oregano Essential Oils on TNBS-Induced Colitis in Mice. <i>Mediators of Inflammation</i> , 2007, 2007, 1-9.	3.0	81
3	Transformation of real-time PCR fluorescence data to target gene quantity. <i>Analytical Biochemistry</i> , 2009, 384, 1-10.	2.4	48
4	Serotonin localization and its functional significance during mouse preimplantation embryo development. <i>Zygote</i> , 2004, 12, 205-213.	1.1	47
5	Expression of beta adrenergic receptors in mouse oocytes and preimplantation embryos. <i>Molecular Reproduction and Development</i> , 2005, 71, 145-153.	2.0	41
6	Stress exposure during the preimplantation period affects blastocyst lineages and offspring development. <i>Journal of Reproduction and Development</i> , 2015, 61, 325-331.	1.4	41
7	Anti-Inflammatory Effects of Rosmarinus officinalis Essential Oil in Mice. <i>Acta Veterinaria Brno</i> , 2009, 78, 121-127.	0.5	39
8	Exposure to neonicotinoid insecticides induces embryotoxicity in mice and rabbits. <i>Toxicology</i> , 2017, 392, 71-80.	4.2	36
9	Anti-Inflammatory Effects of Thyme Essential Oil in Mice. <i>Acta Veterinaria Brno</i> , 2008, 77, 327-334.	0.5	33
10	Expression of adrenergic receptors in mouse preimplantation embryos and ovulated oocytes. <i>Reproduction</i> , 2007, 133, 1139-1147.	2.6	29
11	Maternal restraint stress negatively influences growth capacity of preimplantation mouse embryos. <i>General Physiology and Biophysics</i> , 2013, 32, 129-137.	0.9	26
12	Expression of adiponectin receptors and effects of adiponectin isoforms in mouse preimplantation embryos. <i>Human Reproduction</i> , 2010, 25, 2247-2255.	0.9	25
13	Biogenic monoamines in preimplantation development. <i>Human Reproduction</i> , 2011, 26, 2296-2305.	0.9	25
14	Sequence and Tissue Distribution of a Novel G-Protein-Coupled Receptor Expressed Prominently in Human Placenta. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 352-356.	2.1	23
15	Hypoxia Activates Multiple Transcriptional Pathways in Mouse Pheochromocytoma Cells. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 61-65.	3.8	21
16	Canine Bone Marrow-derived Mesenchymal Stem Cells: Genomics, Proteomics and Functional Analyses of Paracrine Factors. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1824-1835.	3.8	18
17	Amount of maternal body fat significantly affected the quality of isolated mouse preimplantation embryos and slowed down their development. <i>Theriogenology</i> , 2014, 81, 187-195.	2.1	17
18	Several aspects of animal embryo cryopreservation: anti-freeze protein (AFP) as a potential cryoprotectant. <i>Zygote</i> , 2010, 18, 145-153.	1.1	16

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19	Do embryonic polar bodies commit suicide?. <i>Zygote</i> , 2014, 22, 10-17.	1.1	15
20	Fipronil causes toxicity in mouse preimplantation embryos. <i>Toxicology</i> , 2018, 410, 214-221.	4.2	14
21	Expression of Adrenergic Receptors in Bovine and Rabbit Oocytes and Preimplantation Embryos. <i>Reproduction in Domestic Animals</i> , 2014, 49, 92-100.	1.4	13
22	Cloning of a novel biogenic amine receptor-like G protein-coupled receptor expressed in human brain. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1521, 66-72.	2.4	12
23	Nicotine Stimulates Expression of the PNMT Gene Through a Novel Promoter Sequence. <i>Journal of Molecular Neuroscience</i> , 2005, 26, 039-056.	2.3	12
24	The effect of maternal body condition on in vivo production of zygotes and behavior of delivered offspring in mice. <i>Theriogenology</i> , 2015, 83, 577-589.	2.1	12
25	Glucocorticoid receptor isoforms and effects of glucocorticoids in ovulated mouse oocytes and preimplantation embryos. <i>Biology of Reproduction</i> , 2019, 100, 351-364.	2.7	12
26	Adiponectin and Its Receptors in Preimplantation Embryo Development. <i>Vitamins and Hormones</i> , 2012, 90, 211-238.	1.7	11
27	Intestinal ischemia-reperfusion injury mediates expression of inflammatory cytokines in rats. <i>General Physiology and Biophysics</i> , 2015, 34, 95-99.	0.9	11
28	Activation of Nuclear Factor $\kappa$ B and Induction of Apoptosis by Tumor Necrosis Factor- $\alpha$ in the Mouse Uterine Epithelial WEG-1 Cell Line. <i>Biology of Reproduction</i> , 2000, 63, 879-886.	2.7	9
29	The effect of maternal stress on blastocyst quality depends on maternal physiological status. <i>General Physiology and Biophysics</i> , 2017, 36, 53-63.	0.9	9
30	Gene Expression in Mouse Preimplantation Embryos Affected by Apoptotic Inductor Actinomycin D. <i>Journal of Reproduction and Development</i> , 2009, 55, 576-582.	1.4	8
31	The influence of sustained dual-factor presentation on the expansion and differentiation of neural progenitors in affinity-binding alginate scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 918-929.	2.7	8
32	Overweight negatively affects outcome of superovulation treatment in female mice. <i>Zygote</i> , 2017, 25, 751-759.	1.1	8
33	The Responses of Mouse Preimplantation Embryos to Leptin In Vitro in a Transgenerational Model for Obesity. <i>Frontiers in Endocrinology</i> , 2017, 8, 233.	3.5	8
34	Apoptotic cells in mouse blastocysts are eliminated by neighbouring blastomeres. <i>Scientific Reports</i> , 2021, 11, 9228.	3.3	8
35	Effects of impaired insulin secretion on the fertilization of mouse oocytes. <i>Human Reproduction</i> , 1995, 10, 3233-3236.	0.9	7
36	In vitro exposure to pyrethroid-based products disrupts development of mouse preimplantation embryos. <i>Toxicology in Vitro</i> , 2019, 57, 184-193.	2.4	7

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37	Effects of Ovine Prolactin in Infant Rats. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1988, 92, 241-244.	1.2	5
38	Raman spectroscopy analysis of differences in composition of spent culture media of in vitro cultured preimplantation embryos isolated from normal and fat mice dams. <i>Reproductive Biology</i> , 2016, 16, 120-129.	1.9	5
39	The effect on preimplantation embryo development of non-specific inflammation localized outside the reproductive tract. <i>Theriogenology</i> , 2010, 74, 1652-1660.	2.1	3
40	Different response of embryos originating from control and obese mice to insulin <i>in vitro</i> . <i>Journal of Reproduction and Development</i> , 2021, 67, 25-34.	1.4	3
41	Expression of dopamine and adrenergic receptors in mouse embryonic stem cells and preimplantation embryos. <i>Biologia (Poland)</i> , 2015, 70, 1263-1271.	1.5	2
42	A Diabetic Pregnancy Alters the Expression of Stress-Related Receptors in Gastrulating Rabbit Blastocyst and in the Reproductive Tract. <i>Reproductive Sciences</i> , 2018, 25, 174-184.	2.5	1