

Mojdeh Salehnia

List of Publications by Year in descending order

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77
papers

981
citations

430874

18
h-index

552781

26
g-index

79
all docs

79
docs citations

79
times ranked

1163
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructure of follicles after vitrification of mouse ovarian tissue. <i>Fertility and Sterility</i> , 2002, 78, 644-645.	1.0	85
2	Developmental potential and ultrastructural injuries of metaphase II (MII) mouse oocytes after slow freezing or vitrification. <i>Journal of Assisted Reproduction and Genetics</i> , 2005, 22, 119-127.	2.5	59
3	The effect of leukemia inhibitory factor and coculture on the in vitro maturation and ultrastructure of vitrified and nonvitrified isolated mouse preantral follicles. <i>Fertility and Sterility</i> , 2008, 90, 2389-2397.	1.0	42
4	Morphologic, ultrastructural, and biochemical identification of apoptosis in vitrified-warmed mouse ovarian tissue. <i>Fertility and Sterility</i> , 2008, 90, 1480-1486.	1.0	41
5	Menstrual blood-derived stromal stem cells inhibit optimal generation and maturation of human monocyte-derived dendritic cells. <i>Immunology Letters</i> , 2014, 162, 239-246.	2.5	34
6	Autograft of Vitrified Mouse Ovaries Using Ethylene Glycol as Cryoprotectant.. <i>Experimental Animals</i> , 2002, 51, 509-512.	1.1	31
7	Analysis of apoptosis and expression of genes related to apoptosis in cultures of follicles derived from vitrified and non-vitrified ovaries. <i>Molecular Human Reproduction</i> , 2009, 15, 155-164.	2.8	31
8	Apoptosis of human ovarian tissue is not increased by either vitrification or rapid cooling. <i>Reproductive BioMedicine Online</i> , 2012, 25, 492-499.	2.4	31
9	Differentiation of human CD146-positive endometrial stem cells to adipogenic-, osteogenic-, neural progenitor-, and glial-like cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 408-414.	1.5	31
10	Comparison of oxidative status of mouse preantral follicles derived from vitrified whole ovarian tissue and vitrified preantral follicles in the presence of alpha lipoic acid. <i>Journal of Obstetrics and Gynaecology Research</i> , 2014, 40, 1680-1688.	1.3	27
11	Assessment of vitrification outcome by xenotransplantation of ovarian cortex pieces in β -irradiated mice: morphological and molecular analyses of apoptosis. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 195-205.	2.5	27
12	The effects of progesterone on oocyte maturation and embryo development. <i>International Journal of Fertility & Sterility</i> , 2013, 7, 74-81.	0.2	26
13	Human ovarian tissue vitrification/warming has minor effect on the expression of apoptosis-related genes. <i>Iranian Biomedical Journal</i> , 2013, 17, 179-86.	0.7	23
14	Reduced graphene oxide facilitates biocompatibility of alginate for cardiac repair. <i>Journal of Bioactive and Compatible Polymers</i> , 2020, 35, 363-377.	2.1	22
15	In-vitro construction of endometrial-like epithelium using CD146 + mesenchymal cells derived from human endometrium. <i>Reproductive BioMedicine Online</i> , 2017, 35, 241-252.	2.4	21
16	Mitochondrial Distribution and ATP Content of Vitrified, In vitro Matured Mouse Oocytes. <i>Avicenna Journal of Medical Biotechnology</i> , 2014, 6, 210-7.	0.3	20
17	Vitrification of Mouse MII Oocyte Decreases the Mitochondrial DNA Copy Number, TFAM Gene Expression and Mitochondrial Enzyme Activity. <i>Journal of Reproduction and Infertility</i> , 2017, 18, 343-351.	1.0	20
18	Does Cryopreservation of Ovarian Tissue Affect the Distribution and Function of Germinal Vesicle Oocytes Mitochondria?. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	19

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19	The Effect of Progesterone and Exogenous Gonadotropin on Preimplantation Mouse Embryo Development and Implantation. <i>Experimental Animals</i> , 2008, 57, 27-34.	1.1	18
20	Induction and determination of apoptotic and necrotic cell death by cadmium chloride in testis tissue of mouse. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 24-9.	1.0	18
21	Quality of Oocytes Derived from Vitrified Ovarian Follicles Cultured in Two- and Three-Dimensional Culture System in the Presence and Absence of Kit Ligand. <i>Biopreservation and Biobanking</i> , 2016, 14, 279-288.	1.0	16
22	Characteristics of Human Endometrial Stem Cells in Tissue and Isolated Cultured Cells: An Immunohistochemical Aspect. <i>Iranian Biomedical Journal</i> , 2016, 20, 109-16.	0.7	16
23	Different Pattern of Pinopodes Expression in Stimulated Mouse Endometrium. <i>Experimental Animals</i> , 2005, 54, 349-352.	1.1	15
24	Kit ligand decreases the incidence of apoptosis in cultured vitrified whole mouse ovaries. <i>Reproductive BioMedicine Online</i> , 2015, 30, 493-503.	2.4	15
25	Fabrication and characterization of PHEMA-gelatin scaffold enriched with graphene oxide for bone tissue engineering. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 216.	2.3	14
26	Effect of Human Ovarian Tissue Vitrification/Warming on the Expression of Genes Related to Folliculogenesis. <i>Iranian Biomedical Journal</i> , 2015, 19, 220-5.	0.7	13
27	Comparison of gene expression profiles in erythroid-like cells derived from mouse embryonic stem cells differentiated in simple and co-culture systems. <i>American Journal of Hematology</i> , 2008, 83, 109-115.	4.1	11
28	Adverse effects of formaldehyde vapor on mouse sperm parameters and testicular tissue. <i>International Journal of Fertility & Sterility</i> , 2013, 6, 250-67.	0.2	11
29	The impact of alpha lipoic acid on developmental competence of mouse vitrified pre-antral follicles in comparison to those isolated from vitrified ovaries. <i>Iranian Journal of Reproductive Medicine</i> , 2014, 12, 57-64.	0.8	11
30	Expression of Folliculogenesis-Related Genes in Vitrified Human Ovarian Tissue after Two Weeks Culture. <i>Cell Journal</i> , 2017, 19, 18-26.	0.2	11
31	Vitrification and <i>in vitro</i> culture had no adverse effect on the follicular development and gene expression of stimulated human ovarian tissue. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 474-487.	1.3	10
32	Total oxidative status of mouse vitrified pre-antral follicles with pre-treatment of alpha lipoic acid. <i>Iranian Biomedical Journal</i> , 2014, 18, 181-8.	0.7	10
33	Short Term Culture of Vitrified Human Ovarian Cortical Tissue to Assess the Cryopreservation Outcome: Molecular and Morphological Analysis. <i>Journal of Reproduction and Infertility</i> , 2017, 18, 162-171.	1.0	10
34	Ovarian Stimulation Affects the Population of Mouse Uterine NK Cells at Early Pregnancy. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	9
35	The mitochondrial DNA copy number, cytochrome <i>c</i> oxidase activity and reactive oxygen species level in metaphase II oocytes obtained from <i>in vitro</i> culture of cryopreserved ovarian tissue in comparison with <i>in vivo</i> -obtained oocyte. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 1937-1946.	1.3	9
36	The Effects of Lysophosphatidic Acid on The Incidence of Cell Death in Cultured Vitrified and Non-Vitrified Mouse Ovarian Tissue: Separation of Necrosis and Apoptosis Border. <i>Cell Journal</i> , 2018, 20, 403-411.	0.2	9

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37	Effect of In Vitro Maturation Technique and Alpha Lipoic Acid Supplementation on Oocyte Maturation Rate: Focus on Oxidative Status of Oocytes. <i>International Journal of Fertility & Sterility</i> , 2016, 9, 442-51.	0.2	9
38	The Effects of Sodium Selenite on Mitochondrial DNA Copy Number and Reactive Oxygen Species Levels of In Vitro Matured Mouse Oocytes. <i>Cell Journal</i> , 2018, 20, 396-402.	0.2	9
39	Characteristics of a decellularized human ovarian tissue created by combined protocols and its interaction with human endometrial mesenchymal cells. <i>Progress in Biomaterials</i> , 2021, 10, 195-206.	4.5	8
40	The correlation between the endometrial integrins and osteopontin expression with pinopodes development in ovariectomized mice in response to exogenous steroids hormones. <i>Iranian Biomedical Journal</i> , 2010, 14, 109-19.	0.7	8
41	Cochlear Damages Caused by Vibration Exposure. <i>Iranian Red Crescent Medical Journal</i> , 2013, 15, 771-4.	0.5	7
42	Evaluation of apoptosis in long-term culture of vitrified mouse whole ovaries. <i>Research in Veterinary Science</i> , 2014, 96, 1-4.	1.9	7
43	Improved Isolation, Proliferation, and Differentiation Capacity of Mouse Ovarian Putative Stem Cells. <i>Cellular Reprogramming</i> , 2017, 19, 132-144.	0.9	7
44	Effect of ovarian stimulation on the endometrial apoptosis at implantation period. <i>Iranian Biomedical Journal</i> , 2010, 14, 171-7.	0.7	7
45	Effect of lysophosphatidic acid on the follicular development and the expression of lysophosphatidic acid receptor genes during in vitro culture of mouse ovary. <i>Veterinary Research Forum</i> , 2018, 9, 59-66.	0.3	7
46	An efficient protocol for decellularization of the human endometrial fragments for clinical usage. <i>Progress in Biomaterials</i> , 2021, 10, 119-130.	4.5	6
47	The effect of vitrification on mouse oocyte apoptosis by cryotop method. <i>Iranian Biomedical Journal</i> , 2013, 17, 200-5.	0.7	6
48	Ovarian stimulation by exogenous gonadotropin decreases the implantation rate and expression of mouse blastocysts integrins. <i>Iranian Biomedical Journal</i> , 2014, 18, 8-15.	0.7	6
49	Steroid Production and Follicular Development of Neonatal Mouse Ovary during in vitro Culture. <i>International Journal of Fertility & Sterility</i> , 2013, 7, 181-6.	0.2	6
50	Short Term Organ Culture of Mouse Ovary in the Medium Supplemented with Bone Morphogenetic Protein 15 and Follicle Stimulating Hormone: A Morphological, Hormonal and Molecular Study. <i>Journal of Reproduction and Infertility</i> , 2016, 17, 199-207.	1.0	6
51	Morphological, Ultrastructural, and Molecular Aspects of In Vitro Mouse Embryo Implantation on Human Endometrial Mesenchymal Stromal Cells in The Presence of Steroid Hormones as An Implantation Model. <i>Cell Journal</i> , 2018, 20, 369-376.	0.2	5
52	Evaluation of two endometriosis models by transplantation of human endometrial tissue fragments and human endometrial mesenchymal cells. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 21-32.	0.9	5
53	Ultrastructural changes of corpus luteum after ovarian stimulation at implantation period. <i>Iranian Biomedical Journal</i> , 2012, 16, 33-7.	0.7	5
54	Morphological and Molecular Aspects of In Vitro Culture of Preantral Follicles Derived from Vitrified Ovarian. <i>Cell Journal</i> , 2017, 19, 332-342.	0.2	5

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55	Developmental potential of isolated blastomeres from early mouse embryos in the presence and absence of LIF and GM-CSF. <i>Journal of Assisted Reproduction and Genetics</i> , 2008, 25, 7-12.	2.5	4
56	The Effects of Ovarian Encapsulation on Morphology and Expression of Apoptosis-Related Genes in Vitrified Mouse Ovary. <i>Journal of Reproduction and Infertility</i> , 2021, 22, 23-31.	1.0	4
57	Developmental Potential of Vitrified Mouse Testicular Tissue after Ectopic Transplantation. <i>Cell Journal</i> , 2016, 18, 74-82.	0.2	4
58	Evaluation of two endometriosis models by transplantation of human endometrial tissue fragments and human endometrial mesenchymal cells. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 21-32.	0.9	4
59	Leukemia inhibitory factor increases the proliferation of human endometrial stromal cells and expression of genes related to pluripotency. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 209-216.	0.9	3
60	Reactive oxygen species level, mitochondrial transcription factor A gene expression and succinate dehydrogenase activity in metaphase II oocytes derived from cultured vitrified mouse ovaries. <i>Veterinary Research Forum</i> , 2018, 9, 145-152.	0.3	3
61	Supplementation of Culture Media with Lysophosphatidic Acid Improves The Follicular Development of Human Ovarian Tissue after Xenotransplantation into The Back Muscle of β -Irradiated Mice. <i>Cell Journal</i> , 2020, 22, 358-366.	0.2	3
62	Folliculogenesis-Associated Genes Expression in Human Vitrified Ovarian Tissue after Xenotransplantation in β -Irradiated Mice. <i>Cell Journal</i> , 2020, 22, 350-357.	0.2	3
63	Leukemia inhibitory factor increases the proliferation of human endometrial stromal cells and expression of genes related to pluripotency. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 209-216.	0.9	2
64	The effect of stem cell factor on proliferation of human endometrial CD146+ cells. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 437-442.	0.9	2
65	The effect of vitrification and in vitro culture on the adenosine triphosphate content and mitochondrial distribution of mouse pre-implantation embryos. <i>Iranian Biomedical Journal</i> , 2013, 17, 123-8.	0.7	2
66	Expression of pluripotent stem cell markers in mouse uterine tissue during estrous cycle. <i>Veterinary Research Forum</i> , 2016, 7, 181-188.	0.3	2
67	Analysis of Apoptosis in Cultured Human Vitrified Ovarian Tissue in the Presence of Leukemia Inhibitory Factor. <i>Journal of Reproduction and Infertility</i> , 2018, 19, 193-202.	1.0	2
68	The histological characteristics of cultured oral epithelium in different culture conditions. <i>Iranian Biomedical Journal</i> , 2009, 13, 109-15.	0.7	2
69	Lysophosphatidic Acid Alters The Expression of Apoptosis Related Genes and miR-22 in Cultured and Autotransplanted Ovaries. <i>Cell Journal</i> , 2021, 23, 584-592.	0.2	2
70	The effect of bone morphogenetic protein 4 on the differentiation of mouse embryonic stem cell to erythroid lineage in serum free and serum supplemented media. <i>International Journal of Biomedical Science</i> , 2009, 5, 275-82.	0.1	1
71	The effect of sodium selenite on apoptotic gene expression and development of cultured mouse oocytes in comparison with obtained oocytes. <i>Veterinary Research Forum</i> , 2020, 11, 377-383.	0.3	1
72	Transplantation and homing of mouse embryonic stem cells treated with erythropoietin in spleen and liver of irradiated mice. <i>Iranian Biomedical Journal</i> , 2009, 13, 87-94.	0.7	1

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73	The Effect of Sodium Selenite on Expression of Mitochondrial Transcription Factor A during In Vitro Maturation of Mouse Oocyte. <i>Avicenna Journal of Medical Biotechnology</i> , 2021, 13, 81-86.	0.3	0
74	Follicular development and the expression of BAX and vascular endothelial growth factor in transplanted ovaries in uni- and bilateral ovariectomized mice: An experimental study. <i>International Journal of Reproductive BioMedicine</i> , 2021, 19, 361-370.	0.9	0
75	Effect of lysophosphatidic Acid on the Vascular Endothelial Growth Factor Expression in Autotransplanted Mouse Ovaries Encapsulated in Sodium Alginate. <i>Journal of Family & Reproductive Health</i> , 2021, 15, 91-98.	0.4	0
76	The effect of stem cell factor on proliferation of human endometrial CD146(+) cells. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 437-42.	0.9	0
77	Implantation Model Using Human Endometrial SUSD2+ Mesenchymal Stem Cells and Myometrial Smooth Muscle Cells. <i>Cell Journal</i> , 2021, 23, 154-163.	0.2	0